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Università degli Studi dell'AQUILA >> Sua-Rd di Struttura: "Scienze fisiche e chimiche"

Parte II: Risultati della ricerca

Sezione D - Produzione scientifica

QUADRO D.1		D.1 Produzione scientifica
N.	Classificazione	Pubblicazione
1.	Articolo in rivista	ARCADI A, BLESÌ F, CACCHI S, FABRIZI G, GOGGIAMANI A (2011). 2,5,7-Trisubstituted benzo[b]furans through a copper- and/or palladium-catalyzed assembly and functionalization process. TETRAHEDRON LETTERS, vol. 52, p. 5149-5152, ISSN: 0040-4039, doi: 10.1016/j.tetlet.2011.07.122 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
2.	Articolo in rivista	Sahoo S, Reising SC, Padmanabhan S, Vivekanandan J, Iturbide-Sanchez F, Pierdicca N, Pichelli E, Cimini D (2011). 3-D Humidity Retrieval using a Network of Compact Microwave Radiometers to Correct for Variations in Wet TroposphericPath Delay in Spaceborne Interferometric SAR Imagery. IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, vol. 49, ISSN: 0196-2892, doi: 10.1109/TGRS.2011.2119400 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
3.	Articolo in rivista	A. Depari, DE MARCELLIS A, G. Ferri, A. Flammini (2011). A CMOS integrable conditioning circuit for resistive chemical sensor management. MEASUREMENT SCIENCE & TECHNOLOGY, vol. 22, p. 1-7, ISSN: 0957-0233, doi: 10.1088/0957-0233/22/12/124001 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
4.	Articolo in rivista	ARCADI A, CHIARINI M, MARINELLI F, PICCHINI S (2011). A Concise One-pot Approach to the Synthesis of 4-(1H-indol-3-yl)quinolines. SYNTHESIS, p. 4084-4090, ISSN: 0039-7881, doi: 10.1055/s-0031-1289589 Scopus: 2-s2.0-82955232367 Web of Science: WOS:000298157400021 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
5.	Articolo in rivista	MARINELLI R, PALANGE E, FACCIO M, GUERRIERI S, DEL MONTE A, DE AMICIS G, D'ANNA A (2011). A Method for the Determination of the Thermally Induced Optical and Structural Changes of Polymers Used to Fabricate Lightpipes Integrated in CMOS Image Sensor Arrays . SENSORS AND ACTUATORS. A, PHYSICAL, vol. 167, p. 385-388, ISSN: 0924-4247 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
		DE MARCELLIS A, G. Ferri, E. Palange (2011). A Novel Analog Autocalibrating Phase-Voltage Converter for Signal Phase Shifting Detection. IEEE SENSORS JOURNAL, vol. 11, p. 259-266, ISSN: 1530-437X, doi: 10.1109/JSEN.2010.2052032

6.	Articolo in rivista	Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
7.	Articolo in rivista	LOZZI L, P. PICOZZI, N. ZEMA, C. GRAZIOLI, A. CROSSLEY, P. NORTHOVER, S. LA ROSA, AND E. PAPARAZZO (2011). A multitechnique study of archaeological bronzes: part II. SURFACE AND INTERFACE ANALYSIS, vol. 43, p. 1120-1127, ISSN: 0142-2421, doi: 10.1002/sia.3642 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
8.	Articolo in rivista	VILLANTE F, Ianni A., Lombardi F., Pagliaroli G., Vissani F. (2011). A step toward CNO solar neutrino detection in liquid scintillators. PHYSICS LETTERS. SECTION B, vol. 701, p. 336-341, ISSN: 0370-2693, doi: 10.1016/j.physletb.2011.05.068 Web of Science: WOS:000293487600010 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/04
9.	Articolo in rivista	Abreu P, Aglietta M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Castillo J, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Antic T, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Bleve C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Coopers MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olivo JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, San Luis PF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haugs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Malcolin C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parr A, Parisius J, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petreria S, Petrincia P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler R, Roth M, Rouille-d'Orfeuill B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroeder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tascou O, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wiczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory RID D-4317-2011 RID C-2328-2011 RID H-1502-2011 RID G-5791-2011. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 635, p. 92-102, ISSN: 0168-9002, doi: 10.1016/j.nima.2011.01.049 Web of Science: WOS:000289317100017 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/01
		CIATTONI A., RIZZA C., PALANGE E (2011). All-optical active plasmonic devices with memory and power switching functionalities based on epsilon near-zero nonlinear metamaterials . PHYSICAL REVIEW A, vol. A83, p. 043813-1-043813-8, ISSN: 1050-2947

10.	Articolo in rivista	Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
11.	Articolo in rivista	Zanetti-Polzi L, Daidone I, Anselmi M, Carchini G, Di Nola A, Amadei A (2011). Analysis of Infrared Spectra of beta-Hairpin Peptides As Derived from Molecular Dynamics Simulations. JOURNAL OF PHYSICAL CHEMISTRY. B, CONDENSED MATTER, MATERIALS, SURFACES, INTERFACES & BIOPHYSICAL, vol. 115, p. 11872-11878, ISSN: 1520-6106, doi: 10.1021/jp202332z Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
12.	Articolo in rivista	A. FILIPPONI, D.R. CAVICCHIA (2011). Anharmonic dynamics of a mass O-spring oscillator.. AMERICAN JOURNAL OF PHYSICS, vol. 79, p. 730-735, ISSN: 0002-9505, doi: 10.1119/1.3579129 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
13.	Articolo in rivista	Abreu P, Aglietta M, Ahn EJ, Albuquerque JFM, Allard D, Allekotte I, Allen J, Allison P, Castilo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier N, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Hollon N, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jarne C, Jiraskova S, Kadija K, Kampert KH, Karhan P, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin J, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Martinez H, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necesal P, Nellen L, Nelles A, Nhung PT, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querschfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Rizi V, Roberts J, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar B, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovanek P, Schroder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HHS, Smialowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tartare M, Tascau O, Ruiz CGT, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Varela E, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Vicha J, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Yapici T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtnik D, Zavrtnik M, Zaw I, Zepeda A, Ziolkowski M (2011). Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, ISSN: 1475-7516, doi: 10.1088/1475-7516/2011/06/022 WC Astronomy & Astrophysics; Physics, Particles & Fields Web of Science: WOS:000292332400022 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/01
	Articolo in	LOZZI L, S. SANTUCCI (2011). Au/CuPc interface: A valence band photoemission investigation. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, ISSN: 0021-9606, doi: 10.1063/1.3569796

14.	rivista	Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03, FIS/01
15.	Articolo in rivista	ANTONELLI C, MECOZZI A, NELSON L, MAGILL P (2011). Autocorrelation of the polarization-dependent loss in fiber routes. OPTICS LETTERS, vol. 36, p. 4005-4007, ISSN: 0146-9592 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
16.	Articolo in rivista	S. CIUCHI, FRATINI S (2011). Band dispersion and electronic lifetimes in crystalline organic semiconductors. PHYSICAL REVIEW LETTERS, vol. 106, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.106.166403 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
17.	Articolo in rivista	Giovarruscio E, Bortolo R, Reale S, De Angelis F (2011). Biomasse lignocellulosiche per biocarburanti di seconda generazione: una panoramica. LA CHIMICA E L'INDUSTRIA, vol. 93, p. 104-110, ISSN: 0009-4315 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
18.	Articolo in rivista	De Marco P, Fioriti F, Bisti F, Parisse P, Santucci S, Ottaviano L (2011). Bulk phase two dimensional chiral growth of 6,13 Pentacenequinone on SiO(2). JOURNAL OF APPLIED PHYSICS, vol. 109, ISSN: 0021-8979, doi: 10.1063/1.3549833 Web of Science: WOS:000289149900026 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01, FIS/03
19.	Articolo in rivista	G. Contini, P. Gori, F. Ronci, N. Zema, S. Colonna, ASCHI M, A. Palma, S. Turchini, D. Catone, A. Cricenti, and T. Prosperi (2011). Chirality Transfer from a Single Chiral Molecule to 2D Superstructures in Alaninol on the Cu(100) Surface. LANGMUIR, vol. 27, ISSN: 0743-7463 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
20.	Articolo in rivista	Neusius T, Daidone I, Sokolov IM, Smith JC (2011). Configurational subdiffusion of peptides: A network study. PHYSICAL REVIEW E, STATISTICAL, NONLINEAR, AND SOFT MATTER PHYSICS, vol. 83, ISSN: 1539-3755, doi: 10.1103/PhysRevE.83.021902 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
21.	Articolo in rivista	Giordano Mancini, Costantino Zazza, ASCHI M, Nico Sanna (2011). Conformational analysis and UV/Vis spectroscopic properties of a rotaxane-based molecular machine in acetonitrile dilute solution: when simulations meet experiments. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol. 13, ISSN: 1463-9076 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
22.	Articolo in rivista	Daidone I, Magliano A, Di Nola A, Mignogna G, Clarkson MM, Lizzi AR, Oratore A, Mazza F (2011). Conformational study of bovine lactoferricin in membrane-micking conditions by molecular dynamics simulation and circular dichroism RID A-2126-2010. BIOMETALS, vol. 24, p. 259-268, ISSN: 0966-0844, doi: 10.1007/s10534-010-9390-5 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03

23.	Articolo in rivista	D'ARCHIVIO A.A., INCANI A., RUGGIERI F. (2011). Cross-column prediction of gas-chromatographic retention of polychlorinated biphenyls by artificial neural networks. JOURNAL OF CHROMATOGRAPHY A, vol. 1218, p. 8679-8690, ISSN: 0021-9673, doi: 10.1016/J.chroma.2011.09.071 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/01
24.	Articolo in rivista	GERMANI R, MANCINI M V, SPRETI N, DI PROFIO P, SAVELLI G (2011). Cu(II) Extraction in Ionic Liquids and Chlorinated Solvents: Temperature Effect. GREEN AND SUSTAINABLE CHEMISTRY, vol. 1, p. 155-164, ISSN: 2160-6951, doi: 10.4236/gsc.2011.14024 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
25.	Articolo in rivista	Di Bucchianico S, Giardi MF, De Marco P, Ottaviano L, Botti D (2011). Cytogenetic stability of chicken T-cell line transformed with Marek's disease virus: atomic force microscope, a new tool for investigation. JOURNAL OF MOLECULAR RECOGNITION, vol. 24, p. 608-618, ISSN: 0952-3499, doi: 10.1002/jmr.1094 Web of Science: WOS:000289786300009 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
26.	Articolo in rivista	Noé F, Doose S, Daidone I, Löllmann M, Sauer M, Chodera JD, Smith JC (2011). Dynamical fingerprints for probing individual relaxation processes in biomolecular dynamics with simulations and kinetic experiments. PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 108, p. 4822-4827, ISSN: 0027-8424, doi: 10.1073/pnas.1004646108 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
27.	Articolo in rivista	Fowler, E. Nemitz, P. Misztal, C. Di Marco, U. Skiba, J. Ryder, C. Helfter, J. N. Cape, S. Owen, J. Dorsey, M. W. Gallagher, M. Coyle, G. Phillips, B. Davison, B. Langford, R. MacKenzie, J. Muller, J. Siong, C. Dari-Salisburgo, P. Di Carlo, ARUFFO E, F. Giammaria, J. A. Pyle, C. N. Hewitt (2011). Effects of land use on surfaceatmosphere exchanges of trace gases and energy in Borneo: comparing fluxes over oil palm plantations and a rainforest . PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON SERIES B: BIOLOGICAL SCIENCES, vol. 366, p. 3196-3209, ISSN: 0962-8436, doi: 10.1098/rstb.2011.0055 Scopus: 2-s2.0-80054713377 Web of Science: WOS:000296555900004 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
28.	Articolo in rivista	Colonna N, Profeta G, Continenza A (2011). Effects of nonhydrostatic pressure on the structural and magnetic properties of BaFe(2)As(2). PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, 224526, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.224526 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
29.	Articolo in rivista	Di Giorgio ML, Di Bucchianico S, Ragnelli AM, Aimola P, Santucci S, Poma A (2011). Effects of single and multi walled carbon nanotubes on macrophages: Cyto and genotoxicity and electron microscopy. MUTATION RESEARCH. GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol. 722, p. 20-31, ISSN: 1383-5718, doi: 10.1016/j.mrgentox.2011.02.008 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
		Tinti A., Righetti F., Ligonzo T., Valentini A., Nappi E., Ambrosio A., Ambrosio M., Aramo C., Maddalena P., Castrucci P., Scarselli M., De Crescenzi M., Fiandrini E., Grossi V., Santucci S, Passacantando M. (2011). Electrical analysis of carbon nanostructures/silicon heterojunctions designed for radiation detection. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 629, p. 377-381, ISSN: 0168-9002, doi: 10.1016/j.nima.2010.11.097

30.	Articolo in rivista	Web of Science: WOS:000287556100055 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03, FIS/01
31.	Articolo in rivista	CAMPANELLI AR, DOMENICANO A, MACCHIAGODENA M, RAMONDO F (2011). Electronegativity and resonance parameters from the geometry of monosubstituted benzene rings. STRUCTURAL CHEMISTRY, vol. 22, p. 1131-1141, ISSN: 1040-0400 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/02
32.	Articolo in rivista	Bisti F, Stroppa A, Donarelli M, Picozzi S, Ottaviano L (2011). Electronic structure of tris(8-hydroxyquinolato)aluminium(III) revisited using the Heyd-Scuseria-Ernzerhof hybrid functional: Theory and experiments. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 84, ISSN: 1098-0121, doi: 10.1103/PhysRevB.84.195112 Web of Science: WOS:000296866000002 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
33.	Articolo in rivista	ASCHI M, R. Zappacosta, P. De Maria, G. Siani, A. Fontana, A. Amadei (2011). Entropy-Energy Balance in Base Catalyzed Keto-Enol Interconversion: A Joint Theoretical and Experimental Investigation. INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, vol. 111, p. 1293-1305, ISSN: 0020-7608 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
34.	Articolo in rivista	Bovi D, Mezzetti A, Vuilleumier R, Gaigeot M-P, Chazallon B, Spezia R, Guidoni L (2011). Environmental Effects on Vibrational Properties of Carotenoids: Experiments and Calculations on Peridinin. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, p. 20954-20964, ISSN: 1463-9076, doi: 10.1039/c1cp21985e Scopus: 2-s2.0-82355175592 Web of Science: WOS:000297364300008 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/07
35.	Articolo in rivista	Profeta G, Scandolo S (2011). Far-infrared spectrum of ice Ih: A first-principles study. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 84, ISSN: 1098-0121, doi: 10.1103/PhysRevB.84.024103 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
36.	Articolo in rivista	Santandrea S, Giubileo F, Grossi V, Santucci S, Passacantando M, Schroeder T, Lupina G, Di Bartolomeo A (2011). Field emission from single and few-layer graphene flakes. APPLIED PHYSICS LETTERS, vol. 98, 163109, ISSN: 0003-6951, doi: 10.1063/1.3579533 Web of Science: WOS:000289842700063 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03, FIS/01
37.	Articolo in rivista	Bisti F, Stroppa A, Picozzi S, Ottaviano L (2011). Fingerprints of the hydrogen bond in the photoemission spectra of croconic acid condensed phase: An x-ray photoelectron spectroscopy and ab-initio study RID E-7702-2010. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, ISSN: 0021-9606, doi: 10.1063/1.3586813 Web of Science: WOS:000290393200037 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
Comelli D, Crisostomi M, Nesti F, PILO L (2011). Finite Energy of Black Holes in Massive Gravity. PHYSICAL REVIEW D, PARTICLES,		

38.	Articolo in rivista	Scopus: 2-s2.0-82955175674 Web of Science: WOS:000296915300003 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/02
39.	Articolo in rivista	TUDISCA V, CASIERI C, DEMMA F, DIAZ M, PINOL L, TERENCE C, DE LUCA F (2011). Firing technique characterization of black-slipped pottery in Praeneste by low field 2D NMR relaxometry. JOURNAL OF ARCHAEOLOGICAL SCIENCE, vol. 38, p. 352-359, ISSN: 0305-4403 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/07
40.	Articolo in rivista	E. LIBERATORE, M. A. MORALES, D. M. CEPERLEY, PIERLEONI C (2011). Free energy methods in Coupled Electron-Ion Monte Carlo. MOLECULAR PHYSICS, vol. 109, p. 3029-3036, ISSN: 0026-8976, doi: 10.1080/00268976.2011.624992 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
41.	Articolo in rivista	Barenholz Y, Bombelli C, Bonicelli MG, di Profio P, Giansanti L, Mancini G, Pascale F (2011). INFLUENCE OF LIPID COMPOSITION ON THE THERMOTROPIC BEHAVIOR AND SIZE DISTRIBUTION OF MIXED CATIONIC LIPOSOMES. JOURNAL OF COLLOID AND INTERFACE SCIENCE, ISSN: 0021-9797 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/06
42.	Articolo in rivista	Bonicelli MG, Giansanti L, Ierino M, Mancini G. (2011). INTERACTION OF CATIONIC LIPOSOMES WITH CELL MEMBRANE MODELS. JOURNAL OF COLLOID AND INTERFACE SCIENCE, ISSN: 0021-9797 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
43.	Articolo in rivista	Panegrossi G, Ferretti R, Pulvirenti L, Pierdicca N (2011). Impact of ASAR soil moisture data on MM5 precipitation forecast for the Tanaro flood event of April 2009. NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol. 11, p. 3135-3149, ISSN: 1684-9981 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
44.	Articolo in rivista	Prezioso S, Ottaviano L, Bisti F, Donarelli M, Santucci S, Palladino L, Penna S, Reale A (2011). Infrared photoluminescence of erbium-tris(8-hydroxyquinoline) in a distributed feedback cavity. JOURNAL OF LUMINESCENCE, vol. 131, p. 682-685, ISSN: 0022-2313, doi: 10.1016/j.jlumin.2010.11.017 Web of Science: WOS:000289326000024 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03, FIS/01
45.	Articolo in rivista	Casula M, Calandra M, Profeta G, Mauri F (2011). Intercalant and Intermolecular Phonon Assisted Superconductivity in K-Doped Picene. PHYSICAL REVIEW LETTERS, vol. 107, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.107.137006 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03

46.	Articolo in rivista	MECOZZI A, TABACCHIERA M, MATERA F, SETTEMBRE M (2011). Intra-channel nonlinearity in differentially phase-modulated transmission. OPTICS EXPRESS, vol. 19, p. 3990-3995, ISSN: 1094-4087, doi: http://dx.doi.org/10.1364/OE.19.003990 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
47.	Articolo in rivista	MECOZZI A, MATERA F (2011). Intrachannel nonlinearity enhancement in polarization multiplexed phase modulated systems with differential detection. OPTICS LETTERS, vol. 19, p. 3903-3905, ISSN: 0146-9592, doi: 10.1364/OL.36.003903 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
48.	Articolo in rivista	Castrucci P, Scilletta C, Del Gobbo S, Scarselli M, Camilli L, Simeoni M, Delley B, Continenza A, De Crescenzi M (2011). Light harvesting with multiwall carbon nanotube/silicon heterojunctions. NANOTECHNOLOGY, vol. 22, ISSN: 0957-4484, doi: 10.1088/0957-4484/22/11/115701 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
49.	Articolo in rivista	MACCHIAGODENA, M, GONTRANI, L, RAMONDO F, TRIOLO A, CAMINITI R (2011). Liquid structure of 1-alkyl-3-methylimidazolium-hexafluorophosphates by wide angle x-ray and neutron scattering and molecular dynamics. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, p. 114521-114528, ISSN: 0021-9606 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/02
50.	Articolo in rivista	E. LIBERATORE, PIERLEONI C, D.M. CEPERLEY (2011). Liquid-Solid transition in fully ionized hydrogen at ultra-high pressure. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, ISSN: 0021-9606, doi: 10.1063/1.3586808 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
51.	Articolo in rivista	BARABASH A, BELLI P, BERNABEI R, BOIKO R, CAPPELLA F, CARACCILO V, CHERNYAK D, CERULLI R, DANEVICH F, DI VACRI M, DOSSOVITSKIY A, GALASHOV E, INCICCHITTI A, KOBYCHEV V, KONOVALOV S, KOVTUN G, KUDOV BENKO V, LAUBENSTEIN M, MIKHLIN A, NISI S, PODA D, PODVIYANUK R, POLISCHUK O, SHSHERBAN A, SHLEGEL V, SOLOPIKHIN D, STENIN Y, TRETYAK V, UMATOV V, VASILIEV Y, VIRICH V (2011). Low background detector with enriched ¹¹⁶CdWO₄ crystal scintillators to search for double beta decay of ¹¹⁶Cd. JOURNAL OF INSTRUMENTATION, ISSN: 1748-0221 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
52.	Articolo in rivista	Ricci F, D'Orazio F, Continenza A, Lucari F, Freeman AJ (2011). MOKE experiments and theory of uniform and nonuniform distribution of magnetic nanocrystals: Mn(5)Ge(3) in Ge. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, p. 224421-1-224421-5, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.224421 Web of Science: WOS:000292127800007 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
53.	Articolo in rivista	Mosca Conte A, Guidoni L, Del Sole R, Pulci O (2011). Many-body study of the photoisomerization of the minimal model of the retinal protonated Schiff base. CHEMICAL PHYSICS LETTERS, vol. 515, p. 290-295, ISSN: 0009-2614, doi: 10.1016/j.cplett.2011.09.04 Scopus: 2-s2.0-80054755088 Web of Science: WOS:000296581600020 Lingua: ENG

		Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/07
54.	Articolo in rivista	V. SORIANELLO, L. COLACE, G. ASSANTO, NARDONE M (2011). Micro-Raman characterization of Germanium thin films evaporated on various substrates. MICROELECTRONIC ENGINEERING, vol. 88, p. 492-495, ISSN: 0167-9317 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
55.	Articolo in rivista	F Giammaria, RÖssi L, Dari-Salisburgo C, Aruffo E, Di Carlo P (2011). Misure di Inquinanti atmosferici in alta quota. LABVIEW WORLD, p. 30-31 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
56.	Articolo in rivista	P. DE PADOVA, J.-M. MARIOT, L. FAVRE, I. BERBEZIER, B. OLIVIERI, P. PERFETTI, C. QUARESIMA, C. OTTAVIANI, A. TALEB-IBRAHIMI, P. LE FÈVRE, F. BERTRAN, O. HECKMANN, M.C. RICHTER, W. NDIAYE, D'ORAZIO FRANCO, F. LUCARI, C.M. CACHO, K. HRICOVINI (2011). Mn5Ge3 films grown on Ge(111)-c(2×8). SURFACE SCIENCE, vol. 605, p. 638-643, ISSN: 0039-6028, doi: 10.1016/j.susc.2011.01.002 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
57.	Articolo in rivista	P. Marracino, A. Amadei, F. Apollonio, G. dInzeo, M. Liberti, A. Di Crescenzo, A. Fontana, R. Zappacosta, ASCHI M (2011). Modeling of chemical reactions in micelle: water-mediated keto-enol interconversion as a case study. JOURNAL OF PHYSICAL CHEMISTRY. B, CONDENSED MATTER, MATERIALS, SURFACES, INTERFACES & BIOPHYSICAL, vol. 115, p. 8102-8111, ISSN: 1520-6106 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
58.	Articolo in rivista	Amadei A., Daidone I., Zanetti-Polzi L., ASCHI M (2011). Modeling quantum vibrational excitations in condensed phase molecular systems. THEORETICAL CHEMISTRY ACCOUNTS, vol. 129, p. 31-43, ISSN: 1432-881X, doi: 10.1007/s00214-010-0882-8 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
59.	Articolo in rivista	Daidone I, Di Nola A, Smith JC (2011). Molecular Origin of Gerstmann-Straussler-Scheinker Syndrome: Insight from Computer Simulation of an Amyloidogenic Prion Peptide. BIOPHYSICAL JOURNAL, vol. 100, p. 3000-3007, ISSN: 0006-3495, doi: 10.1016/j.bpj.2011.04.053 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
60.	Articolo in rivista	CAMPANELLI AR, DOMENICANO A, RAMONDO F, HARGITTAI I (2011). Molecular structure and conformation of triphenylsilane from gas-phase electron diffraction and theoretical calculations, and structural variations in H4-nSiPhn molecules (n = 14). STRUCTURAL CHEMISTRY, vol. 22, p. 361-369, ISSN: 1040-0400 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/02
61.	Articolo in rivista	CAMPANELLI AR, DOMENICANO A, RAMONDO F, HARGITTAI I (2011). Molecular structure of p-diisocyanobenzene from gas-phase electron diffraction and theoretical calculations and effects of intermolecular interactions in the crystal on the benzene ring geometry. STRUCTURAL CHEMISTRY, ISSN: 1040-0400, doi: 10.1007/s11224-011-9889-6 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/02

62.	Articolo in rivista	D'ARCHIVIO A.A., MAGGI M.A., RUGGIERI F. (2011). Multi-variable retention modelling in reversed-phase high-performance liquid chromatography based on the solvation method: A comparison between curvilinear and artificial neural network regression. ANALYTICA CHIMICA ACTA, vol. 690, p. 35-46, ISSN: 0003-2670, doi: 10.1016/j.aca.2011.01.056 Web of Science: WOS:000289131500004 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/01
63.	Articolo in rivista	CIATTONI A, RIZZA C, PALANGE E (2011). Multistability at arbitrary low optical intensities in a metal-dielectric layered structure. OPTICS EXPRESS, vol. 19, p. 283-288, ISSN: 1094-4087 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
64.	Articolo in rivista	S.MASSA, F. PAOLINI, SPANO' L, R.FRANCONI A. VENUTI (2011). Mutants of plant genes for developing cancer vaccines. . HUMAN VACCINES, vol. 7 , p. 147-155, ISSN: 1554-8600, doi: http://dx.doi.org/10.4161/hv.7.0.14577 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
65.	Articolo in rivista	Y. Busby, M. De Seta, G. Capellini*, F. Evangelisti, M. Ortolani, M. Virgilio, G. Grosso, G. Pizzi, P. Calvani, S. Lupi, Nardone M, G. Nicotra, C. Spinella (2011). Near- and far-infrared absorption and electronic structure of Ge-SiGe multiple quantum wells . PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, p. 205317-205328, ISSN: 1098-0121 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
66.	Articolo in rivista	Zanetti-Polzi L, Amadei A, Aschi M, Daidone I (2011). New Insight into the IR-Spectra/Structure Relationship in Amyloid Fibrils: A Theoretical Study on a Prion Peptide. JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 133, p. 11414-11417, ISSN: 0002-7863, doi: 10.1021/ja2028662 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
67.	Articolo in rivista	Di Lorenzo C, Palangio P, Santarato G, Meloni A, Villante U, Santarelli L (2011). Non-inductive components of electromagnetic signals associated with L'Aquila earthquake sequences estimated by means of inter-station impulse response functions. NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol. 11, p. 1047-1055, ISSN: 1561-8633, doi: 10.5194/nhess-11-1047-2011 Web of Science: WOS:000290015200005 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
68.	Articolo in rivista	VILLANTE F (2011). Observational constraints on the solar opacity profile. NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, vol. 217, p. 115-117, ISSN: 0920-5632, doi: 10.1016/j.nuclphysbps.2011.04.079 Web of Science: WOS:000295296500026 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/04
69.	Articolo in rivista	MARINELLI R, PALANGE E (2011). Optical Performances of Lensless Sub-2micron Pixel for Application in Image Sensors . PROGRESS IN ELECTROMAGNETICS RESEARCH B, vol. 31, p. 1-14, ISSN: 1937-6472 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01

70.	Articolo in rivista	RIZZA C, CIATTONI A, PALANGE E (2011). Optical hollow-core waves in nonlinear Epsilon-Near-Zero metamaterials . OPTICS COMMUNICATIONS, vol. 284, p. 2573-2575, ISSN: 0030-4018 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
71.	Articolo in rivista	Ruggieri F, D'Archivio AA, Fanelli M, Santucci S (2011). Photocatalytic degradation of linuron in aqueous suspensions of TiO2. RSC ADVANCES, vol. 1, p. 611-618, ISSN: 2046-2069, doi: 10.1039/c1ra00133g Web of Science: WOS:000295869400011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/01, FIS/01
72.	Articolo in rivista	Stroppa A, Di Sante D, Horiuchi S, Tokura Y, Vanderbilt D, Picozzi S (2011). Polar distortions in hydrogen-bonded organic ferroelectrics RID E-7702-2010 RID C-7352-2009. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 84, ISSN: 1098-0121, doi: 10.1103/PhysRevB.84.014101 Web of Science: WOS:000292765300001 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
73.	Articolo in rivista	Ave, M, Bohacova, M, Daumiller, K, Di Carlo, P, Di Giulio, C, San Luis, PF, Gonzales, D, Hojvat, C, Horandel, JR, Hrabovsky, M, Iarlori, M, Keilhauer, B, Klages, H, Kleifges, M, Kuehn, F, Monasor, M, Nozka, L, Palatka, M, Petrera, S, Privitera, P, Ridky, J, RIZI V, d'Orfeuill, BR, Salamida, F, Schovanek, P, Smida, R, Spinka, H, Ulrich, A, Verzi, V, Williams, C (2011). Precise measurement of the absolute yield of fluorescence photons in atmospheric gases. NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, vol. 212-13, p. 356-361, ISSN: 0920-5632, doi: 10.1016/j.nuclphysbps.2011.03.048 Web of Science: WOS:000293253600049 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06, FIS/01
74.	Articolo in rivista	A. Di Cicco, F. D'Amico, G. Zgrablic, E. Principi, R. Gunnella, F. Bencivenga, C. Svetina, C. Masciovecchio, F. Parmigiani, A. Filipponi (2011). Probing phase transitions under extreme conditions by ultrafast techniques: Advances at the Fermi@Elettra free-electron-laser facility.. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 357, p. 2641-2647, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2011.02.039 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/01
75.	Articolo in rivista	BAIS AF, TOURPALI K, KAZANTZIDIS A, AKIYOSHI H, BEKKI S, BRAESICKE P, CHIPPERFIELD MP, DAMERIS M, EYRING V, GARNY H, IACHETTI D, JOCKEL P, KUBIN A, LANGEMATZ U, MANCINI E, MICHOU M, MORGENSTERN O, NAKAMURA T, NEWMAN PA, PITARI G, PLUMMER DA, ROZANOV E, SHEPHERD TG, SHIBATA K, TIAN W, YAMASHITA Y (2011). Projections of UV radiation changes in the 21st century: impact of ozone recovery and cloud effects. ATMOSPHERIC CHEMISTRY AND PHYSICS, vol. 11, p. 7533-7545, ISSN: 1680-7316, doi: 10.5194/acp-11-7533-2011 Scopus: 79961009675 Web of Science: WOS:000293826500008 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
76.	Articolo in rivista	Mattioli G, Risch M, Amore Bonapasta A, Dau H, Guidoni L (2011). Protonation States in a Cobalt-Oxide Catalyst for Water Oxidation: Fine Comparison of Ab Initio Molecular Dynamics and X-ray Absorption Spectroscopy Results. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol. 13, p. 15437-15441, ISSN: 1463-9076, doi: 10.1039/c1cp21776 Scopus: 2-s2.0-80052105443 Web of Science: WOS:000293900400008 Lingua: ENG

		Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/07
77.	Articolo in rivista	D'ARCHIVIO A.A., INCANI A., RUGGIERI F. (2011). Retention modelling of polychlorinated biphenyls in comprehensive two-dimensional chromatography. ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol. 399, p. 903-913, ISSN: 1618-2642, doi: 10.1007/s00216-010-4326-z Web of Science: WOS:000285781900036 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/01
78.	Articolo in rivista	Martinelli A, Palenzona A, Tropeano M, Putti M, Ferdeghini C, Profeta G, Emerich E (2011). Retention of the Tetragonal to Orthorhombic Structural Transition in F-Substituted SmFeAsO: A New Phase Diagram for SmFeAs(O(1-x)F(x)). PHYSICAL REVIEW LETTERS, vol. 106, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.106.227001 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
79.	Articolo in rivista	Stroppa A, Kresse G, Continenza A (2011). Revisiting Mn-doped Ge using the Heyd-Scuseria-Ernzerhof hybrid functional RID E-7702-2010. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.085201 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
80.	Articolo in rivista	Ottaviano L, Continenza A, Profeta G, Impellizzeri G, Irrera A, Gunnella R, Kazakova O (2011). Room-temperature ferromagnetism in Mn-implanted amorphous Ge. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.134426 Web of Science: WOS:000294407600004 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
81.	Articolo in rivista	LIMAJ O, NUCARA A, LUPI S, ORTOLANI M, DI GASPARE A, PALANGE E, CARELLI P (2011). Scaling the spectral response of metamaterial dipolar filters in the terahertz . OPTICS COMMUNICATIONS, vol. 284, p. 1690-1693, ISSN: 0030-4018, doi: 10.1016/j.optcom.2010.11.030 Web of Science: WOS:000287628500040 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
		Abreu P, Aglietta M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, Luis PFS, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio

D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parrisius J, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegai R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova JJ, Schovaneck P, Schroeder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tascu O, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnick P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wiczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Zamorano B, Zas E, Zavrtanik

D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory RID D-4317-2011 RID D-9310-2011 RID C-2328-2011 RID C-2337-2011 RID H-1502-2011 RID G-5791-2011. ASTROPARTICLE PHYSICS, vol. 34, p. 627-639, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2010.12.007

Web of Science: WOS:000288930200007

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/01

83. Articolo in rivista

Abreu P, Aglietta M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Bleve C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De la Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, del Rio M, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Espadanal J, Etchegoyen A, San Luis PF, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipicic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hague JD, Hansen P, Harari D, Harmsma S, Harrison TA, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Hollon N, Holmes VC, Homola P, Horandel JR, Horneffer A, Horvath P, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jarne C, Jiraskova S, Josebachuili M, Kadja K, Kampert KH, Karhan P, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiére A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lu L, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin J, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Martinez H, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Neuser J, Newton D, Nhung PT, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petretera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegai R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querschfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Rizi V, Roberts J, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Greus FS, Salina G, Sanchez F, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar B, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HHS, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stanic S, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tartare M, Tascou O, Ruiz CGT, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnick P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Varela E, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Vicha J, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Walz D, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Yapici T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Silva MZ, Ziolkowski M (2011). Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. PHYSICAL REVIEW D, PARTICLES, FIELDS, GRAVITATION, AND COSMOLOGY, vol. 84, ISSN: 1550-7998, doi: 10.1103/PhysRevD.84.122005

Web of Science: WOS:000298667100001

Lingua: ENG

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/04, FIS/01

84. Articolo in rivista

MASTRANGELO F, FIORAVANTI G, QUARESIMA R, VINCI R, GHERLONE E (2011). Self-assembled monolayers (SAMs): which perspectives in implant dentistry?. JOURNAL OF BIOMATERIALS AND NANOBIO TECHNOLOGY, vol. 2, p. 533-543, ISSN: 2158-7027, doi: 10.4236/jbnb.2011.225064

Scopus: 2-s2.0-84860884587

Lingua: ENG

Co-autori stranieri: No

SSD di afferenza degli autori del Dipartimento: CHIM/07

ALFONSI M, ARCADI A, CHIARINI M, MARINELLI F (2011). Sequential alkylation/gold-catalyzed annulation reactions of anilines with propargylic bromide derivatives. TETRAHEDRON LETTERS, vol. 52, p. 5145-5148, ISSN: 0040-4039, doi: 10.1016/j.tetlet.2011.07.115

Articolo in

Scopus: 2-s2.0-80052340388

85.	rivista	Web of Science: WOS:000295895200009 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
86.	Articolo in rivista	R. S. MARSHALL, F. DAVILA, A. DI COLA, R. TRAINI, SPANO' L, M.S. FABBRINI, A. CERIOTTI (2011). Signal peptide-regulated toxicity of a plant ribosome-inactivating protein during cell stress.. PLANT JOURNAL, vol. 65, p. 218-229, ISSN: 0960-7412, doi: 10.1111/j.1365-313X.2010.04413.x Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: BIO/04
87.	Articolo in rivista	DELLACQUA M, ABBIATI G, ARCADIA A, ROSSI E (2011). Silver catalysed intramolecular cyclisation of 2-alkynylacetophenones and 3-acetyl-2-alkynylpyridines in the presence of ammonia . ORGANIC & BIOMOLECULAR CHEMISTRY, vol. 9, p. 7836-7848, ISSN: 1477-0520, doi: 10.1039/c1ob06271a Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
88.	Articolo in rivista	Benassi P, Nardone M, Giugni A (2011). Sound dispersion and attenuation in concentrated H2SO4 by visible and ultraviolet Brillouin spectroscopy. THE JOURNAL OF CHEMICAL PHYSICS, vol. 135, p. 034503-1-034503-7, ISSN: 0021-9606 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03, FIS/01
89.	Articolo in rivista	D. COMELLI, F. NESTI, PILO L (2011). Stars and (Furry) Black Holes in Lorentz Breaking Massive Gravity. PHYSICAL REVIEW D, PARTICLES, FIELDS, GRAVITATION, AND COSMOLOGY, vol. 83, ISSN: 1550-7998, doi: 10.1103/PhysRevD.83.084042 Scopus: 2-s2.0-79960815248 Web of Science: WOS:000290112200003 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/02
90.	Articolo in rivista	NELSON L. E, ANTONELLI C, MECOZZI A, BIRK M, MAGILL P, SCHEX A, RAPP L (2011). Statistics of polarization dependent loss in an installed long-haul WDM system. OPTICS EXPRESS, vol. 19, p. 6790-6796, ISSN: 1094-4087, doi: 10.1364/OE.19.006790 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
91.	Articolo in rivista	Di Crescenzo A., ASCHI M, Del Canto E., Giordani S., Demurtas D. and Fontana A. (2011). Structural Modifications of Ionic Liquid Surfactants for improving the Capability to Disperse Single-Walled Carbon Nanotubes in Water: an Experimental and Theoretical Study. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol. 13, p. 11373-11383, ISSN: 1463-9076 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
92.	Articolo in rivista	Colonna N, Profeta G, Continenza A, Massidda S (2011). Structural and magnetic properties of CaFe(2)As(2) and BaFe(2)As(2) from first-principles density functional theory. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.094529 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03

93.	Articolo in rivista	CAMPANELLI AR, DOMENICANO A, RAMONDO F (2011). Structural variations and electronic substituent effects in phenylcubane derivatives: a quantum chemical study . STRUCTURAL CHEMISTRY, vol. 22, p. 449-457, ISSN: 1040-0400 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/02
94.	Articolo in rivista	Bodo E, Postorino P, Mangialardo S, Piacente G, Ramondo F, Bosi F, Ballirano P, Caminiti R (2011). Structure of the Molten Salt Methyl Ammonium Nitrate Explored by Experiments and Theory. THE JOURNAL OF PHYSICAL CHEMISTRY. B, vol. 115, p. 13149-13161, ISSN: 1520-5207, doi: 10.1021/jp2070002 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03, CHIM/02
95.	Articolo in rivista	Thukral L, Daidone I, Smith JC (2011). Structured Pathway across the Transition State for Peptide Folding Revealed by Molecular Dynamics Simulations. PLOS COMPUTATIONAL BIOLOGY, vol. 7, ISSN: 1553-734X, doi: 10.1371/journal.pcbi.1002137 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
96.	Articolo in rivista	Villante U, M. Piersanti (2011). Sudden impulses at geosynchronous orbit and at low latitudes. JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS, ISSN: 1364-6826, doi: doi:10.1016/j.jastp.2010.01.008, 2011. Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
97.	Articolo in rivista	De Maria P, Fontana A, Siani G, DAurizio E, Cerichelli G, Chiarini M, Angelini G, Gasbarri C (2011). Synthesis and aggregation behaviour of a new sultaine surfactant. COLLOIDS AND SURFACES. B, BIOINTERFACES, vol. 87, p. 73-78, ISSN: 0927-7765, doi: 10.1016/j.colsurfb.2011.05.003 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
98.	Articolo in rivista	ARCADI A, ABBIATI G, ROSSI E (2011). Tandem imination/annulation of gamma- and delta-ketoalkynes in the presence of ammonia/amines. JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol. 696, p. 87-98, ISSN: 0022-328X, doi: 10.1016/j.jorganchem.2010.08.011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
		Abreu P., Aglietta M., Ahn E. J., Albuquerque I. F. M., Allard D., Allekotte I., Allen J., Allison P., Alvarez Castillo J., Alvarez-Muniz J., Ambrosio M., Aminaei A., Anchordoqui L., Andringa S., Anticic T., Anzalone A., Aramo C., Arganda E., Arqueros F., Asorey H., Assis P., Aublin J., Ave M., Avenier M., Avila G., Baecker T., Balzer M., Barber K. B., Barbosa A. F., Bardenet R., Barroso S. L. C., Baughman B., Baeuml J., Beatty J. J., Becker B. R., Becker K. H., Belletoile A., Bellido J. A., BenZvi S., Berat C., Bertou X., Biermann P. L., Billoir P., Blanco F., Blanco M., Bleve C., Bluemer H., Bohacova M., Boncioli D., Bonifazi C., Bonino R., Borodai N., Brack J., Brogueira P., Brown W. C., Bruijn R., Buchholz P., Bueno A., Burton R. E., Caballero-Mora K. S., Caramete L., Caruso R., Castellina A., Catalano O., Cataldi G., Cazon L., Cester R., Chauvin J., Cheng S. H., Chiavassa A., Chinellato J. A., Chou A., Chudoba J., Clay R. W., Coluccia M. R., Conceicao R., Contreras F., Cook H., Cooper M. J., Coppens J., Cordier A., Cotti U., Coutu S., Covault C. E., Creusot A., Criss A., Cronin J., Curutiu A., Dagoret-Campagne S., Dallier R., Dasso S., Daumiller K., Dawson B. R., de Almeida R. M., De Domenico M., De Donato C., de Jong S. J., De La Vega G., de Mello Junior W. J. M., de Mello Neto J. R. T., De Mitri I., de Souza V., de Vries K. D., Decerprit G., del Peral L., Deligny O., Dembinski H., Dhital N., Di Giulio C., Diaz J. C., Diaz Castro M. L., Diep P. N., Dobrigkeit C., Docters W., D'Olivo J. C., Dong P. N., Dorofeev A., dos Anjos J. C., Dova M. T., D'Urso D., Dutan I., Ebr T. J., Engel R., Erdmann M., Escobar C. O., Etchegoyen A., San Luis P. Facal, Fajardo Tapia I., Falcke H., Farrar G., Fauth A. C., Fazzini N., Ferguson A. P., Ferrero A., Fick B., Filevich A., Filipic A., Fliescher S., Fracchiolla C. E., Fraenkel E. D., Froehlich U., Fuchs B., Gaior R., Gamarra R. F., Gambetta S., Garcia B., Garcia Gamez D., Garcia-Pinto D., Gascon A., Gemmeke H., Gesterling K., Ghia P. L., Giaccari U., Giller M., Glass H., Cold M. S., Golup G., Gomez Albarracin F., Gomez Berisso M., Goncalves P., Gonzalez D., Gonzalez J. G., Gookin B., Gora D., Gorgi A., Gouffon P., Gozzini S. R., Grashorn E., Grebe S., Griffith N., Grigat M., Grillo A. F., Guardincerri Y., Guarino F., Guedes G. P., Guzman A., Hague J. D., Hansen P., Harari D., Harmsma S., Harton J. L., Haungs A., Hebbeker T., Heck D., Herve A. E., Hojvat C., Hollon N., Holmes V. C., Homola P., Hoerandel J. R., Horneffer A., Hrabovsky M., Huege T., Insolita A., Ionita F., Italiano A., Jarne C., Jiraskova S., Kadja K., Kampert K. H., Karhan P., Kasper P., Kegl B., Keilhauer B., Keivani A., Kelley J. L., Kemp E., Kieckhafer R. M., Klages H. O., Kleifges M., Kleinfeller J., Knapp J., Koang D. -H., Kotera K., Krohm N., Kroemer O., Kruppke-Hansen D., Kuehn F., Kuempel D., Kulbartz J. K., Kunka N., La Rosa G., Lachaud C., Lautridou P., Leao M. S. A. B., Lebrun D., Lebrun P., Leigui de Oliveira M. A., Lemiere A., Letessier-Selvon A., Lhenry-Yvon I., Link K., Lopez R., Lopez Agueera A., Louedec K., Lozano Bahilo J., Lucero A., Ludwig M., Lyberis H., Maccarone M. C.,

Macolino C., Maldera S., Mandat D., Mantsch P., Mariazzi A. G., Marini J., Marin V., Maris I. C., Marquez Falcon H. R., Marsella G., Martello D., Martin L., Martinez H., Martinez Bravo O., Mathes H. J., Matthews J., Matthews J. A. J., Matthiae G., Maurizio D., Mazur P. O., Medina-Tanco G., Melissas M., Melo D., Menichetti E., Menshikov A., Mertsch P., Meurer C., Mitranovic S., Micheletti M. I., Miller W., Miramonti L., Mollerach S., Monasor M., Ragaigine D. Monnier, Montanet F., Morales B., Morello C., Moreno E., Moreno J. C., Morris C., Mostafa M., Moura C. A., Mueller S., Muller M. A., Mueller G., Muenchmeyer M., Mussa R., Navarra G., Navarro J. L., Navas S., Necesar P., Nellen L., Nelles A., Nhung P. T., Niemietz L., Nierstenhoefer N., Nitz D., Nosek D., Nazka L., Nyklicek M., Oehischlaeger J., Olinto A., Oliva P., Olmos-Gilbaja V. M., Ortiz M., Pacheco N., Pakk Selmi-Dei D., Palatka M., Pallotta J., Palmieri N., Parente G., Parizot E., Parra A., Parsons R. D., Pastor S., Paul T., Pech M., Pekala J., Pelayo R., Pepe I. M., Perrone L., Pesce R., Petermann E., PETRERA S., Petrinca P., Petrolini A., Petrov Y., Petrovic J., Pfendner C., Phan N., Piegai R., Pierog T., Pieroni P., Pimenta M., Pirronello V., Platino M., Ponce V. H., Pontz M., Privitera P., Prouza M., Quel E. J., Querchfeld S., Rautenberg J., Ravel O., Ravignani D., Revenu B., Ridky J., Riggi S., Risse M., Ristori P., Rivera H., Rizi V., Roberts J., Robledo C., Rodrigues de Carvalho W., Rodriguez G., Rodriguez Martino J., Rodriguez Rojo J., Rodriguez-Cabo I., Rodriguez-Frias M. D., Ros G., Rosado J., Rossier T., Roth M., Rouille-d'Orfeuil B., Roulet E., Rovero A. C., Ruehle C., Salamida F., Salazar H., Salina G., Sanchez F., Santander M., Santo C. E., Santos E., Santos E. M., Sarazin F., Sarkar B., Sarkar S., Sato R., Scharf N., Scherini V., Schieler H., Schiffer P., Schmidt A., Schmidt F., Schmidt T., Scholten O., Schoorlemmer H., Schovancova J., Schovanecky P., Schroeder F., Schulte S., Schuster D., Scillitto S. J., Scuderi M., Segreto A., Settimo M., Shadkam A., Shellard R. C., Sidelnik I., Sigl G., Silva Lopez H. H., Smialkowski A., Smida R., Snow G. R., Sommers P., Sorokin J., Spinka H., Squartini R., Stapleton J., Stasielak J., Stephan M., Strazzeri E., Stutz A., Suarez F., Suomijarvi T., Supanitsky A. D., Susa T., Sutherland M. S., Swain J., Szadkowski Z., Szuba M., Tamashiro A., Tapia A., Tartare M., Tascau O., Tavera Ruiz C. G., Tcaciuc R., Tegolo D., Thao N. T., Thomas D., Tiffenberg J., Timmermans C., Tiwari D. K., Tkaczyk W., Toderio Peixoto C. J., Tome B., Tonachini A., Travnicek P., Tridapalli D. B., Tristram G., Trovato E., Tueros M., Ulrich R., Unger M., Urban M., Valdes Galicia J. F., Valino I., Valore L., van den Berg A. M., Varela E., Vargas Cardenas B., Vazquez J. R., Vazquez R. A., Veberic D., Verzi V., Vicha J., Videla M., Villasenor L., Wahlberg H., Wahrlich P., Wainberg O., Warner D., Watson A. A., Weber M., Weidenhaupt K., Weindl A., Westerhoff S., Whelan B. J., Wieczorek G., Wiencke L., Wilczynska B., Wilczynski H., Will M., Williams C., Winchen T., Winders L., Winnick M. G., Wommer M.,

Wundheiler B., Yamamoto T., Yapici T., Younk P., Yuan G., Yushkov A., Zamorano B., Zas E., Zavrtanik D., Zavrtanik M., Zaw I., Zepeda A., Ziolkowski M. (2011). The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. *ASTROPARTICLE PHYSICS*, vol. 35, p. 266-276, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2011.08.001

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Abreu P, Aglietta M, Ahn EJ, Allard D, Allekotte I, Allen J, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaie A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arisaka K, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Badagnani D, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bergmann T, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Busca NG, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Colombo E, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Della Selva A, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, San Luis PF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fleck I, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Fulgione W, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Garrido X, Gascon A, Gelmini G, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kaducak M, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parrisius J, Parsons RD, Pastor S, Paul T, Pavlidou V, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrerá S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuill B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroeder F, Schulte S, Schussler F, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijavi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Tamashiro A, Tapia A, Tarutina T, Tascau O, Tcaciuc R, Tcherniakhovski D, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto JT, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Venters T, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Vaz M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays RID D-4317-2011 RID D-9310-2011 RID G-5791-2011. *JOURNAL OF INSTRUMENTATION*, vol. 6, ISSN: 1748-0221, doi: 10.1088/1748-0221/6/01/P01003

Web of Science: WOS:000291345600003

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/01

Abreu P, Aglietta M, Ahn EJ, Albuquerque LFM, Allard D, Allekotte I, Allen J, Allison P, Castio JA, Alvarez-Muniz J, Ambrosio M, Amiane A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico N, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, del Rio M, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Espadanal J, Etchegoyen A, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hague JD, Hansen P, Harari D, Harmsma S, Harrison TA, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Hollon N, Holmes VC, Homola P, Horandel JR, Horneffer A, Horvath P, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jarne C, Jiraskova S, Josebachuili M, Kadija K, Kampert KH, Karhan P, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F,

Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lu L, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin J, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Martinez H, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Neuser J, Nhung PT, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querschfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori R, Rivera H, Rizi V, Roberts J, Robledo C, de Carvalho WR, Rodriguez G, Martino J, Rojo J, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Ruhle C, Salmida F, Salazar H, Greus FS, Salina G, Sanchez F, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar B, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HH, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stanic S, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tartare M, Tascau O, Ruiz CGT, Teaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJ, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Varela E, Cardenas BV, Vazquez IR, Vazquez RA, Veberic D, Verzi V, Vicha J, Videla M, Villaseñor L, Wahlberg H, Wahrlich P, Wainberg O, Walz D, Warner D, Waton AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wiczorek G, Wieneke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Yapici T, Younk P,

Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Silva NZ, Ziolkowski N (2011). The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, ISSN: 1475-7516, doi: 10.1088/1475-7516/2011/11/022

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SSD di afferenza degli autori del Dipartimento: FIS/04, FIS/01

102. Articolo in rivista

Abreu P, Aglietta M, Ahn EJ, Allard D, Allekotte I, Allen J, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaie A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arisaka K, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Badagnani D, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bergmann T, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Busca NG, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Colombo E, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Couto S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Della Selva A, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, Luis PFS, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fleck I, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Fulgione W, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Garrido X, Gascon A, Gelmini G, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hovjat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kaducak M, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiére A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, McEwen M, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Mueller S, Muller MA, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parrisius J, Parsons RD, Pastor S, Paul T, Pavlidou V, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroeder F, Schulte S, Schussler F, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Tamashiro A, Tapia A, Tarutina T, Tascau O, Tcaciuc R, Tcherniakhovski D, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnické P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Venters T, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weidenhaupt K, Weinidl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). The exposure of the hybrid detector of the Pierre Auger Observatory RID D-4317-2011 RID D-9310-2011 RID C-2328-2011 RID C-2337-2011 RID H-1502-2011 RID G-5791-2011. ASTROPARTICLE PHYSICS, vol. 34, p. 368-381, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2010.10.001

Web of Science: WOS:000287068800007

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/01

103. Articolo in rivista

M. HOLZMANN, B. BERNU, PIERLEONI C, J. MCMINIS, D.M. CEPERLEY, V. OLEVANO, L. DELLE SITE (2011). The momentum distribution of the homogeneous electron gas. PHYSICAL REVIEW LETTERS, vol. 107, p. 110402-1-110402-5, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.107.110402

Lingua: ENG

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/03

104. Articolo in rivista

Villante U, De Paulis C, Francia P (2011). The transmission of upstream waves to the magnetosphere: An analysis at widely separated ground stations. JOURNAL OF GEOPHYSICAL RESEARCH. SPACE PHYSICS, vol. 116, ISSN: 0148-0227, doi: 10.1029/2010JA016263

Web of Science: WOS:000292394700002

Lingua: ENG

Co-autori stranieri: No

105.	Articolo in rivista	Sanna A, Bernardini F, Profeta G, Sharma S, Dewhurst JK, Lucarelli A, Degiorgi L, Gross E KU, Massidda S (2011). Theoretical investigation of optical conductivity in Ba(Fe(1-x)Co(x))(2)As(2) RID A-5411-2010. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.054502 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
106.	Articolo in rivista	Sorianello V, Colace L, Nardone M, Assanto G (2011). Thermally evaporated single-crystal Germanium on Silicon. THIN SOLID FILMS, vol. 519, p. 8037-8040, ISSN: 0040-6090 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
107.	Articolo in rivista	S. CIUCHI, S. FRATINI, D. MAYOU (2011). Transient localization in crystalline organic semiconductors. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.081202 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
108.	Articolo in rivista	CASIERI C, TERENCEZ C, DE LUCA F (2011). Two-dimensional nuclear magnetic resonance correlation maps as a signature of firing in iron-rich ceramics made from carbonatic raw clays. APPLIED CLAY SCIENCE, vol. 53, p. 517-524, ISSN: 0169-1317, doi: 10.1016/j.clay.2010.04.010 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/07
109.	Articolo in rivista	RIZZA C, CIATTONI A, PALANGE E (2011). Two-peaked and flat-top perfect bright solitons in nonlinear metamaterials with epsilon near zero . PHYSICAL REVIEW A, vol. 83, p. 053805-053813, ISSN: 1050-2947 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
110.	Articolo in rivista	PRATTES G., SCHWINGENSCHUH K, EICHELBERGER H U, MAGNES W, BOUDJADA M, STACHEL M, VELLANTE M, VILLANTE U, WESZTERGOM V, NENOVSKI P (2011). Ultra Low Frequency (ULF) European multi station magnetic field analysis before and during the 2009 earthquake at L'Aquila regarding regional geotechnical information. NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol. 11, p. 1959-1968, ISSN: 1684-9981, doi: 10.5194/nhess-11-1959-2011 Web of Science: WOS:000293266300014 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
111.	Articolo in rivista	RUBBIA C. et al, CAVANNA F (2011). Underground operation of the ICARUS T600 LAr-TPC: first results. JOURNAL OF INSTRUMENTATION, vol. 6 P07011, p. 1-12, ISSN: 1748-0221, doi: 10.1088/1748-0221/6/07/P07011 Web of Science: WOS:000294493000011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
112.	Articolo in rivista	MECOZZI A, ANTONELLI C (2011). Unified treatment of forward and backward propagating polarized light waves. JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 29, p. 642-655, ISSN: 0733-8724, doi: 10.1109/JLT.2010.2095411 Lingua: ENG

		Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
113.	Articolo in rivista	STRAHAN SE, DOUGLASS AR, STOLARSKI RS, AKIYOSHI H, BEKKI S, BRAESICKE P, BUTCHART N, CHIPPERFIELD MP, CUGNET D, DHOMSE S, FRITH SM, GETTELMAN A, HARDIMAN SC, KINNISON DE, LAMARQUE JF, MANCINI E, MARCHAND M, MICHOU M, MORGENSTERN O, NAKAMURA T, OLIVIE D, PAWSON S, PITARI G, PLUMMER DA, PYLE JA, SCINOCCA JF, SHEPHERD TG, SHIBATA K, SMALE D, TEYSSÈDRE H, TIAN W, YAMASHITA Y (2011). Using transport diagnostics to understand chemistry climate model ozone simulations. JOURNAL OF GEOPHYSICAL RESEARCH. ATMOSPHERES, vol. 116, p. D17302-1-D17302-18, ISSN: 0148-0227, doi: 10.1029/2010JD015360 Scopus: 80052784494 Web of Science: WOS:000294800600001 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
114.	Articolo in rivista	Reale S, Fasciani P, Pace L, De Angelis F, Marcozzi G (2011). Volatile fingerprints of artemisinin-rich Artemisia annua cultivars by headspace solid-phase microextraction gas chromatography/ mass spectrometry. RAPID COMMUNICATIONS IN MASS SPECTROMETRY, vol. 25, p. 2511-2516, ISSN: 0951-4198, doi: 10.1002/rcm.5155 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
115.	Articolo in rivista	Maria Teresa Melis, Francesco Dessì, Marcella Busilacchio, Di Carlo P, Elisa Vuillermoz, Paolo Bonasoni (2011). portale GeoNetwork di SHARE: un catalogo condiviso di metadati a servizio delle ricerche in alta quota. GEOMEDIA, vol. 3, p. 6-10, ISSN: 1128-8132 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
N.	Classificazione	Pubblicazione
1.	Contributo in volume (Capitolo o Saggio)	MECOZZI A (2011). A Unified Theory of Intrachannel Nonlinearity in Pseudolinear Transmission. In: S. KUMAR. Impact of Nonlinearities on Fiber Optic Communications. ISBN: 978-1-4419-8138-7 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
2.	Contributo in volume (Capitolo o Saggio)	BEKKI, S., G.E. BODEKER, A.F. BAIS, V. EYRING, D.W. FAHEY, D.E. KINNISON, U. LANGEMATZ, B. MAYER, R.W. PORTMANN, E. ROZANOV, P. BRAESICKE, A. J. CHARLTON-PEREZ, N. E. CHUBAROVA, I. CIONNI, S. B. DIAZ, N. P. GILLET, M. A. GIORGETTA, N. KOMALA, F. LEFÈVRE, C. MCLANDRESS, J. PERLWITZ, T. PETER, K. SHIBATA, H. AKIYOSHI, J. AUSTIN, M. P. CHIPPERFIELD, M. DAMERIS, S. DHOMSE, S. M. FRITH, R. R. GARCIA, H. GARNY, A. GETTELMAN, S. C. HARDIMAN, P. JÖCKEL, A. I. JONSSON, A. KAZANTZIDIS, A. KUBIN, J-F. LAMARQUE, MANCINI E, M. MARCHAND, M. MICHOU, O. MORGENSTERN, L. D. OMAN, S. PAWSON, PITARI G, D. PLUMMER, J. A. PYLE, D. SAINT-MARTIN, J. F. SCINOCCA, T. G. SHEPHERD, D. SMALE, R. S. STOLARSKI, H. TEYSSÈDRE, S. TILMES (2011). Chapter 3: Future Ozone and Its Impact on Surface UV. In: Scientific Assessment of Ozone Depletion: 2010. vol. Report No.52, GENEVA:WMO, ISBN: 9966-7319-6-2 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
N.	Classificazione	Pubblicazione
1.	Monografia o trattato scientifico	DE MARCELLIS A, FERRI G (2011). ANALOG CIRCUITS AND SYSTEMS FOR VOLTAGE-MODE AND CURRENT-MODE SENSOR INTERFACING APPLICATIONS. DORDRECHT:Springer, ISBN: 978-90-481-9827-6, doi: 10.1007/978-90-481-9828-3 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
N.	Classificazione	Pubblicazione

1.	Contributo in Atti di convegno	DE MARCELLIS A, C. Di Carlo, G. Ferri, C. Cantalini, L. Giancaterini (2011). A CCII-based oscillating circuit as resistive/capacitive humidity sensor interface. In: Proc. of XVI Congresso AISEM (Associazione Italiana Sensori e Microsistemi) 2011. p. 293-299, Roma, 7-9 Febbraio 2011 Lingua: ENG, ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
2.	Contributo in Atti di convegno	Del Moro D, Pietropaolo E, Giannattasio F, Berrilli F (2011). A comparative test of different compression methods applied to solar images. In: Proceedings of SPIE - The International Society for Optical Engineering. PROCEEDINGS OF THE SPIE, vol. 8136, ISBN: 9780819487469, San Diego, CA, 21 August 2011 through 24 August 2011, doi: 10.1117/12.893507 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/05
3.	Contributo in Atti di convegno	DE MARCELLIS A, G. Ferri, A. Depari, A. Flammini (2011). A novel time-controlled interface circuit for resistive sensors. In: Proc. of IEEE SENSORS 2011. p. 1137-1140, ISBN: 978-1-4244-9290-9, Limerick (Irlanda), 28 October 2011 1 November 2011, doi: 10.1109/ICSENS.2011.6127099 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
4.	Contributo in Atti di convegno	DE MARCELLIS A, G. Ferri, C. Di Natale, E. Martinelli, A. DAmico (2011). An analog automatic lock-in amplifier for accurate detection of very low gas concentrations. In: Proc. of XVI Congresso AISEM (Associazione Italiana Sensori e Microsistemi) 2011. p. 285-291, Roma, 7-9 Febbraio 2011 Lingua: ENG, ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
5.	Contributo in Atti di convegno	Biancofiore F., Di Carlo P, C. Dari Salisburgo, E. Aruffo, F. Giammaria, S. Moller, J Lee, M. J. Evans, J. Hopkins, C. Jones, A. R. MacKenzie, C. N. Hewitt (2011). Analysis of the total peroxy ni-trates and total alkyl nitrates observed above a tropical rain forest. In: Accent meeting. Urbino, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
6.	Contributo in Atti di convegno	DE MARCELLIS A, G. Ferri, P. Mantenuto (2011). Automatic nulling Wheatstone bridge based resistive sensor interface. In: Riunione annuale Gruppo Elettronica (GE) 2011. p. 57-58, ISBN: 978-88-95612-85-0, Trani, 6-8 Luglio 2011 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
7.	Contributo in Atti di convegno	DE MARCELLIS A, G. Ferri, P. Mantenuto, F. Valente, C. Cantalini, L. Giancaterini (2011). CCII-based interface for capacitive/resistive sensors. In: Proc. of IEEE SENSORS 2011. p. 1133-1136, ISBN: 978-1-4244-9290-9, Limerick (Irlanda), 28 October 2011 1 November 2011, doi: 10.1109/ICSENS.2011.6127096 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
8.	Contributo in Atti di convegno	D'Archivio A.A., Giannitto A., Maggi M.A., Ruggieri F. (2011). Cross-column retention prediction in reversed-phase high-performance liquid chromatography by artificial neural network modelling. In: Incontri di Scienza delle Separazioni, Stato dell'arte e prospettive future delle tecniche separative in campo biologico, fitochimico e farmaceutico, Roma 22-23 Novembre . Co-autori stranieri: No

SSD di afferenza degli autori del Dipartimento: CHIM/01		
9.	Contributo in Atti di convegno	DE MARCELLIS A, G. Ferri, P. Mantenuto, C. Cantalini, L. Giancaterini (2011). Current-mode interface for gas/humidity sensors. In: Riunione annuale Gruppo Elettronica (GE) 2011. p. 55-56, ISBN: 978-88-95612-85-0, Trani, 6-8 Luglio 2011 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
10.	Contributo in Atti di convegno	D'ORAZIO FRANCO, D. Cavicchia, F. Ricci, F. Lucari (2011). Exchange bias in FeCo/FeMn multilayers. In: XCVII Congresso Nazionale SIF L'Aquila, 26 - 30 Settembre, 2011 . L'Aquila, 2011. Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
11.	Contributo in Atti di convegno	Benetti P, et al, Cavanna F (2011). First Physics Results from WArP 2.3 litre prototype. In: Nucl.Phys. B Proc Suppl. NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, vol. 221, p. 53-56, ISSN: 0920-5632, Santa Fe, New Mexico, USA, June 13-19, 2006, doi: doi:10.1016/j.nuclphysbps.2011.03.093 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
12.	Contributo in Atti di convegno	A.TARTARINI, L. POLEGRI, L. BERNABEO, L. PACE, SPANO' L (2011). Genetic diversity in Artemisia petrosa ssp. eriantha, an endangered endemism of central Appennines. In: ACTA ITALUS HORTUS. L'Aquila, 30 settembre - 1 ottobre 2010, vol. 2, p. 96-98, FIRENZE:Società di Ortoflorofrutticoltura Italiana, ISBN: 978-88-905628-1-5 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
13.	Contributo in Atti di convegno	D'ORAZIO FRANCO, L. Camilli, M. Scarselli, S. Del Gobbo, P. Castrucci, F.R. Lamastra, F. Nanni, E. Gautron, S. Lefrant, F. Lucari, and M. De Crescenzi (2011). HIGH COERCIVITY OF CARBON NANOTUBES SYNTHESIZED FROM AUSTENITIC STAINLESS STEEL. In: X Congresso Nazionale Materiali Nanofasici - Bologna 6-8 settembre 2011. Bologna, 06/09/2011-08/09/2011 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
14.	Contributo in Atti di convegno	Crucianelli M (2011). Insights on the mechanistic features of catalytic oxidations of simple and conjugated olefins promoted by VO(acac)2/H2O2 system. In: 7th International Symposium on Group Five Elements. Riccione (I), 8-11 Maggio 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
15.	Contributo in Atti di convegno	A. Depari, A. Flammini, DE MARCELLIS A, G. Ferri (2011). Interfaccia integrabile per la gestione di sensori chimici resistivi. In: Riunione annuale gruppo Misure Elettriche ed Elettroniche (GMEE) 2011. Genova, 12 - 14 settembre 2011 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
16.	Contributo in Atti di convegno	Fabio Ricci, D'ORAZIO FRANCO, Alessandra Continenza, Franco Lucari (2011). Magneto-optical properties of uniaxial crystals. In: XCVII Congresso Nazionale SIF L'Aquila, 26 - 30 Settembre, 2011 . L'Aquila, 2011 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
Perissin D., Rocca F., Pierdicca M., Pichelli E, Cimini D., Venuti G., Rommen B. (2011). Mitigation of Atmospheric Delay In InSAR: The ESA METAWAVE Project. In: Proceedings of the International Geoscience & Remote Sensing Symposium 2011. p. 2558-2561, Vancouver		

17.	Contributo in Atti di convegno	(Canada), July 2011, doi: 10.1109/IGARSS.2011.6049734 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
18.	Contributo in Atti di convegno	CAVANNA F (2011). Neutrino Interactions on Ar target. In: Journal of Physics: Conference Series. JOURNAL OF PHYSICS. CONFERENCE SERIES, vol. 308, p. 1-8, ISSN: 1742-6596, Tsukuba (Japan), 29 Mar. 2010, doi: 10.1088/1742-6596/308/1/012013 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/04
19.	Contributo in Atti di convegno	Pierdicca N, Rocca F, Perissin D, Ferretti R, Pichelli E, Rommen B, Cimini D (2011). Numerical weather prediction models and SAR interferometry: synergic use for meteorological and INSAR applications. In: Proc. SPIE 8179, SAR Image Analysis, Modeling, and Techniques XI, 817912 (October 26, 2011); doi:10.1117/12.898756. (a cura di): SPIE, SAR Image Analysis, Modeling, and Techniques XI Prague, Czech Republic September 19, 2011. PROCEEDINGS OF SPIE, ISSN: 1996-756X, doi: doi: 10.1117/12.898756 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
20.	Contributo in Atti di convegno	Iachetti D., De Luca N., Pitari G., Di Carlo P (2011). Perturbazioni chimico-climatiche prodotte dalle emissioni da trasporto aereo:effetti diretti ed indiretti. In: Atti dei Convegni dei Lincei. ATTI DEI CONVEGNI LINCEI, vol. 265, p. 119-127, ISSN: 0391-805X, Roma, 15 ottobre 2010 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
21.	Contributo in Atti di convegno	Mecozzi A, Matera F. (2011). Polarization Scattering by Intra-Channel Collisions in Phase-Modulated Transmission. In: 37th European Conference and Exhibition on Optical Communication (ECOC), 2011 . Geneve, 18-22 Sept. 2011, Optical Society of America (OSA), ISBN: 978-1-4577-1918-9 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/03
22.	Contributo in Atti di convegno	Ave M, M Bohacova, K Daumiller, Di Carlo P, C Di Giulio, P Facal San Luis, D Gonzales, C Hojvatk, J R Hörandel, M. Hrabovsky, M Iarlori, B Keilhauer, H Klages, M Kleifges, F Kuehnk, M MonasorŞ, L Nozka, M. Palatka, S Petrera, P Privitera1, J Ridky, V Rizi, B Rouille dOrfeuil, F Salamida, P Schovanek, R Smida, H Spinka, A Ulrich, V Verzi and C Williams (2011). Precise Measurement of the Absolute Fluorescence Yield. In: AIP Conference Proceedings. Aichi (japan), 10-12 Dec 2010, vol. 1367, p. 29-33, doi: doi: 10.1063/1.3628710 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
23.	Contributo in Atti di convegno	A. Di Cicco, F. Bencivenga, A. Battistoni, D. Cocco, R. Cucini, F. D'Amico, S. Di Fonzo, A. Filipponi, A. Gessini, E. Giangrisostomi, R. Gunnella, C. Masciovecchio, E. Principi, C. Svetina (2011). Probing matter under extreme conditions at Fermi@Elettra: the TIMEX beamline.. In: (a cura di): R. A. London L. Juha, S. Bajt, Damage to VUV, EUV, and X-ray Optics III. PROCEEDINGS OF SPIE, THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, vol. 8077, p. 807704-1-807704-10, ISSN: 0277-786X, Prague Czech Republic, 18 - 21 April 2011, doi: 10.1117/12.887633 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/01
24.	Contributo in Atti di convegno	BEREZHIANI Z., KANCHELI O.V. (2011). Spontaneous Breaking of Lorentz-Invariance and Gravitons as Goldstone Particles. In: V.A. Gurzadyan, A. Klumper, A.G. Sedrakyan (Editors). (a cura di): World Scientific, Low Dimensional Physics and Gauge Principles - Matnyan Festschrift . p. 58-79, ISBN: 978-981-4440-33-2, Yerevan, Armenia, 2011, doi: 10.1142/9789814440349_0006

		Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/02
25.	Contributo in Atti di convegno	Pierdicca N., Rocca F., Rommen B., Basili P., Bonafoni S., Carlesimo G., Cimini N., Ciotti P., Ferretti R., Marzano F.S., Mattioli V., Montopoli M., Notarpietro R., Perissin D., Pichelli E., Venuti G. (2011). Synergic use of EO, NWP and ground based data for the characterisation of water vapour field. In: Proceedings of the 5th European Conference on Antennas and Propagation . p. 3247-3250, ISBN: 978-1-4577-0250-1, Rome (Italy), April 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
26.	Contributo in Atti di convegno	Pierdicca N., Rocca F., Basili P., Bonafoni S., Carlesimo G., Cimini D., Ciotti P., Ferretti R., Marzano FS, Mattioli V, Montopoli M, Notarpietro R, Perissin D, Pichelli E, Rommen B, Venuti G (2011). Synergic use of EO, NWP and ground based measurements for the mitigation of vapour artefacts in SAR interferometry. In: IEEE. (a cura di): IGARS, Geoscience and Remote Sensing Symposium (IGARSS), 2011 IEEE International. ISBN: 978-1-4577-1003-2 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
27.	Contributo in Atti di convegno	Acciarri R, et al, Cavanna F (2011). The WaRP Experiment. In: Journal of Physics: Conference Series. JOURNAL OF PHYSICS. CONFERENCE SERIES, vol. 308, ISSN: 1742-6596, Tsukuba (Japan), 29 Mar. 2010, doi: 10.1088/1742-6596/308/1/012005 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
28.	Contributo in Atti di convegno	S.REALE, P.FASCIANI, L.PACE, F.DE ANGELIS, SPANO' L, G.MARCOZZI (2011). Volatile constituents in wild type and hybrid plants of Artemisia annua. In: ACTA ITALUS HORTUS. L'Aquila, 30 settembre - 1 ottobre 2010, vol. 2, p. 99-101, FIRENZE:Società di Ortoflorofrutticoltura Italiana, ISBN: 978-88-905628-1-5 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
29.	Abstract in Atti di convegno	Di Carlo P, C. Dari-Salisburgo, E. Aruffo, F. Biancofiore, M. Busilacchio, F. Giammaria, C. Reeves, S. Moller, J. Lee (2011). Airborne Laser Induced Fluorescence system for simultaneous measurements of nitrogen dioxide and speciated NOy. In: EGU General Assembly. Wien, 4-8 April, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
30.	Abstract in Atti di convegno	Aruffo E., Di Carlo P, C. Dari Salisburgo, F. Biancofiore, F. Giammaria, S. Moller, J. Lee, S. Bauguitte, C. Parcival, M. Le Breton, J. Muller, J. Hopkins, B. Ouyang, O. Kennedy, R. Jones, G. Forster, C. Reeves (2011). Aircraft observations of NOy above UK during RONOCO campaign: implication for NOx and ozone production. In: Accent meeting. Urbino, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
31.	Abstract in Atti di convegno	Di Carlo P, E. Aruffo, C. Dari Salisburgo, F. Biancofiore, F. Giammaria, S. Moller, J. Lee, S. Bauguitte, C. Parcival, M. Le Breton, J. Muller, J. Hopkins, B. Ouyang, O. Kennedy, R. Jones, G. Forster, C. Reeves (2011). Aircraft total alkyl nitrates observations during RONOCO campaign: implication for the odd-oxygen budget . In: ACCENT meeting. Urbino, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06

32.	Abstract in Atti di convegno	GRASSI B., REDAELLI G, G. VISCONTI (2011). Atmospheric response to Arctic sea-ice reduction over the Mediterranean region in a regional climate model. EMS ANNUAL MEETING ABSTRACTS, vol. 8, ISSN: 1812-7053 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: GEO/12
33.	Abstract in Atti di convegno	C. Gasbarri, A. Fontana, P. De Maria, Angelini G, G. Siani, Cerichelli G, M. Chiarini (2011). Effect of Concentration and Temperature on Vesicles Formed by a New Sultaine Surfactant. In: AA.VV.. XXIV Congresso Nazionale della Società Chimica Italiana. p. 957-958, Lecce:Universita' del Salento Coordinamento SIBA, ISBN: 978-88-8305-085-5, Lecce, 11-16 settembre 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
34.	Abstract in Atti di convegno	TARTARINI A, POLEGRI L, PERLA C, BERNABEO L, PACE L, SPANO' L (2011). Gentc diversity in Artemisia petrosa subsp. eriantha. In: Joint Meeting AGI-SIBV-SIGA. Cittadella di Assisi, 19-22 September Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
35.	Abstract in Atti di convegno	Lichtenberger J, Ciliverd M, Vellante M, Manninen J, Rodger C, Collier A, Jorgensen A, Reda J, Holzworth R, Friedel R, Heilig B (2011). Global Ground Based VLF and ULF Networks for Modeling the Plasmasphere and Space Weather Events - PLASMON. In: Eighth European Space Weather Week, Final Programme and Abstract Book. p. 45, Namur, Belgium, 28 November - 2 December, 2011 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
36.	Abstract in Atti di convegno	ROTONDI S, TARTARINI A, SPANO' L (2011). Molecular and functional characterization of amorpho 4,11 diene synthase gene in Artemisia annua Anamed A3. In: Joint Meeting AGI-SIBV-SIGA. Cittadella di Assisi, 19 - 22 September 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
37.	Abstract in Atti di convegno	MASSA S, PAOLINI F, SPANO' L, VENUTI A, FRANCONI R (2011). Mutants of plant genes as adjuvants for cancer vaccines. In: HERRIOT J. 4TH INTERNATIONAL CONFERENCE ON PLANT-BASED VACCINES AND ANTIBODIES. PORTO, 8-10 JUNE 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
38.	Abstract in Atti di convegno	SPANO' L, MASSA S, PAOLINI F, VENUTI A, FRANCONI R (2011). Non-toxic mutant form of saporin for developing cancer vaccines. In: Joint Meeting AGI-SIBV-SIGA. Assisi, 19-22 Settembre 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
39.	Abstract in Atti di convegno	VELLANTE M (2011). Remote sensing of the magnetospheric plasma density by ULF waves recorded at a large array of magnetometer stations in Europe . In: XCVII Congresso Nazionale della Società Italiana di Fisica. L'Aquila, 26 -30 settembre 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
		VELLANTE M, FOERSTER M, VILLANTE U, ZHANG T L, MAGNES W (2011). Annual variation of the plasmasphere mass density, at L = 1.6-1.8 as deduced from geomagnetic field line resonance measurements. In: IUGG Programme Handbook, 2011. p. 274, Melbourne, Australia , 28 June 7 July 2011

40.	Poster	Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
41.	Poster	Petaccia M, Aleandri S, Mancini G (2011). Calcein fluorescence features to investigate the permeability of liposomes composed of bolaamphiphiles. In: fluorofest workshop 2011. Munich, 29nov-1dic 2011 Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06, CHIM/09
42.	Poster	A. Di Giuseppe, Crucianelli M, R. Castarlenas, L. A. Oro, J. J. Perez-Torrente, F. J. Lahoz, V. Polo (2011). High Selective Deuteration of Alkenes Catalyzed by New Rh(III) Hydride Complexes Bearing N-Heterocyclic Carbene Ligands. In: EuCOMC-XIX, XIX EuCheMS Conference on OrganoMetallic Chemistry. Tolosa (Francia), 3-7 luglio 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
43.	Poster	C. Lelii, S. Chiaberge, P. Biagini, S. Spera, F. De Angelis, Crucianelli M (2011). Mass Spectrometric Studies of Ruthenium(II) Complexes Used in DSSCs. In: ISOC-8, 8th International School of Organometallic Chemistry. Camerino (MC), 27-31 Agosto 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/03
44.	Poster	MASSA S PAOLINI F, SPANO' L, FRANCONI R, VENUTI A (2011). Mutants of plant genes as adjuvants for cancer vaccines. In: First Conference on Gene Vaccination in Cancer. Ascoli Piceno, 15-17 Settembre 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
45.	Poster	COLLIER, A, LICHTENBERGER J, CLILVERD M, HEILIG B, VELLANTE M, MANNINEN J, RODGER C J, JORGENSEN A, REDA J, HOLZWORTH R, FRIEDEL R (2011). PLASMON: Data Assimilation of the Earth's Plasmasphere. In: General Assembly and Scientific Symposium, 2011 XXXth URSI. IEEE-XPLORE, Istanbul, Turkey, August 13rd-20th, 2011, doi: 10.1109/URSIGASS.2011.6051134 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
46.	Poster	MASSA S, PAOLI F, SPANO' L, VENUTI A, FRANCONI R (2011). Plants and plant genes for designing anticancer vaccines. In: DNA Tumour Virus Meeting. TRIESTE, 19/072011-24/07/2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: BIO/04
47.	Poster	Bozzuto G, Bombelli C, Altieri B, Giansanti L, Stringaro A, Colone M, Toccaceli L, Formisano G, Molinari A, Mancini G (2011). Study of the internalization pathway of cationic liposomes in human tumor cells. In: Abstracts Nanodrug Delivery: from the bench to the patient. Roma, 10-13 Ottobre 2011 Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: CHIM/06
48.	Poster	Piersanti M (2011). The june 8, 2000 ULF wave activity: a case study. In: EGU general assembly. Vienna, 4-8 April 2011 Lingua: ENG Co-autori stranieri: No

SSD di afferenza degli autori del Dipartimento: FIS/06		
49.	Poster	Piersanti M (2011). The june 8, 2000 ULF wave activity: a case study. In: AGU Fall Meeting. Lingua: ENG Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
50.	Poster	Piersanti M (2011). The june8, 2000 ULF wave activity: a case study. In: Atti del convegno della Società Italiana di Fisica. L'Aquila, Italy, 26-30 settembre 2011 Lingua: ITA Co-autori stranieri: No SSD di afferenza degli autori del Dipartimento: FIS/06
N.	Classificazione	Pubblicazione
1.	Brevetto	Brodsky M, Magill P, Boroditsky M, Antonelli C., Mecozzi A (2011). Method and apparatus for measuring the birefringence autocorrelation length in optical fibers. US7969562, At&T Intellectual Property I, L.P. Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03

Sezione E - Internazionalizzazione

QUADRO E.1		E.1 Pubblicazioni con coautori stranieri
N.	Classificazione	Pubblicazione
1.	Articolo in rivista	Sahoo S, Reising SC, Padmanabhan S, Vivekanandan J, Iturbide-Sanchez F, Pierdicca N, Pichelli E, Cimini D (2011). 3-D Humidity Retrieval using a Network of Compact Microwave Radiometers to Correct for Variations in Wet Tropospheric Path Delay in Spaceborne Interferometric SAR Imagery. IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, vol. 49, ISSN: 0196-2892, doi: 10.1109/TGRS.2011.2119400 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
2.	Articolo in rivista	LOZZI L, P. PICOZZI, N. ZEMA, C. GRAZIOLI, A. CROSSLEY, P. NORTHOVER, S. LA ROSA, AND E. PAPARAZZO (2011). A multitechnique study of archaeological bronzes: part II. SURFACE AND INTERFACE ANALYSIS, vol. 43, p. 1120-1127, ISSN: 0142-2421, doi: 10.1002/sia.3642 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
Abreu P, Aglietta M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Castillo J, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Bleve C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Coopers MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dailier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Dembinski H, Denkwicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, San Luis PF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H,		

Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parr A, Parrisius J, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroeder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tascou O, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Zamorano B, Zas E, Zavrtnik D, Zavrtnik M, Zaw I, Zepeda A, Ziolkowski M (2011). Advanced functionality for radio analysis in

Web of Science: WOS:000289317100017

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/01

4. Articolo in rivista

Abreu P, Aglietta M, Ahn EJ, Albuquerque JFM, Allard D, Allekotte I, Allen J, Allison P, Castilo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier N, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Bleve C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Hollon N, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolita A, Ionita F, Italiano A, Jarne C, Jiraskova S, Kadija K, Kampert KH, Karhan P, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Nhung PT, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querschfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Rizi V, Roberts J, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuill B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar B, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HHS, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tartare M, Tascou O, Ruiz CGT, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnicsek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Varela E, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Vicha J, Videla M, Villaseñor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Yapici T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, ISSN: 1475-7516, doi: 10.1088/1475-7516/2011/06/022 WC Astronomy & Astrophysics; Physics, Particles & Fields

Web of Science: WOS:000292332400022

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/01

5. Articolo in rivista

ANTONELLI C, MECOZZI A, NELSON L, MAGILL P (2011). Autocorrelation of the polarization-dependent loss in fiber routes. OPTICS LETTERS, vol. 36, p. 4005-4007, ISSN: 0146-9592

Lingua: ENG

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/03

6. Articolo in rivista

S. CIUCHI, FRATINI S (2011). Band dispersion and electronic lifetimes in crystalline organic semiconductors. PHYSICAL REVIEW LETTERS, vol. 106, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.106.166403

Lingua: ENG

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/03

7.	Articolo in rivista	Neusius T, Daidone I, Sokolov IM, Smith JC (2011). Configurational subdiffusion of peptides: A network study. PHYSICAL REVIEW E, STATISTICAL, NONLINEAR, AND SOFT MATTER PHYSICS, vol. 83, ISSN: 1539-3755, doi: 10.1103/PhysRevE.83.021902 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
8.	Articolo in rivista	Noé F, Doose S, Daidone I, Löllmann M, Sauer M, Chodera JD, Smith JC (2011). Dynamical fingerprints for probing individual relaxation processes in biomolecular dynamics with simulations and kinetic experiments. PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 108, p. 4822-4827, ISSN: 0027-8424, doi: 10.1073/pnas.1004646108 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
9.	Articolo in rivista	Fowler, E. Nemitz, P. Misztal, C. Di Marco, U. Skiba, J. Ryder, C. Helfter, J. N. Cape, S. Owen, J. Dorsey, M. W. Gallagher, M. Coyle, G. Phillips, B. Davison, B. Langford, R. MacKenzie, J. Muller, J. Siong, C. Dari-Salisburgo, P. Di Carlo, ARUFFO E, F. Giammaria, J. A. Pyle, C. N. Hewitt (2011). Effects of land use on surfaceatmosphere exchanges of trace gases and energy in Borneo: comparing fluxes over oil palm plantations and a rainforest . PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON SERIES B: BIOLOGICAL SCIENCES, vol. 366, p. 3196-3209, ISSN: 0962-8436, doi: 10.1098/rstb.2011.0055 Scopus: 2-s2.0-80054713377 Web of Science: WOS:000296555900004 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
10.	Articolo in rivista	Bovi D, Mezzetti A, Vuilleumier R, Gaigeot M-P, Chazallon B, Spezia R, Guidoni L (2011). Environmental Effects on Vibrational Properties of Carotenoids: Experiments and Calculations on Peridinin. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, p. 20954-20964, ISSN: 1463-9076, doi: 10.1039/c1cp21985e Scopus: 2-s2.0-82355175592 Web of Science: WOS:000297364300008 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/07
11.	Articolo in rivista	Santandrea S, Giubileo F, Grossi V, Santucci S, Passacantando M, Schroeder T, Lupina G, Di Bartolomeo A (2011). Field emission from single and few-layer graphene flakes. APPLIED PHYSICS LETTERS, vol. 98, 163109, ISSN: 0003-6951, doi: 10.1063/1.3579533 Web of Science: WOS:000289842700063 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03, FIS/01
12.	Articolo in rivista	TUDISCA V, CASIERI C, DEMMA F, DIAZ M, PINOL L, TRENZI C, DE LUCA F (2011). Firing technique characterization of black-slipped pottery in Praeneste by low field 2D NMR relaxometry. JOURNAL OF ARCHAEOLOGICAL SCIENCE, vol. 38, p. 352-359, ISSN: 0305-4403 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/07
13.	Articolo in rivista	E. LIBERATORE, M. A. MORALES, D. M. CEPERLEY, PIERLEONI C (2011). Free energy methods in Coupled Electron-Ion Monte Carlo. MOLECULAR PHYSICS, vol. 109, p. 3029-3036, ISSN: 0026-8976, doi: 10.1080/00268976.2011.624992 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
14.	Articolo in rivista	Barenholz Y, Bombelli C, Bonicelli MG, di Profio P, Giansanti L, Mancini G, Pascale F (2011). INFLUENCE OF LIPID COMPOSITION ON THE THERMOTROPIC BEHAVIOR AND SIZE DISTRIBUTION OF MIXED CATIONIC LIPOSOMES. JOURNAL OF COLLOID AND INTERFACE SCIENCE, ISSN: 0021-9797

	rivista	Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/06
15.	Articolo in rivista	Casula M, Calandra M, Profeta G, Mauri F (2011). Intercalant and Intermolecular Phonon Assisted Superconductivity in K-Doped Picene. PHYSICAL REVIEW LETTERS, vol. 107, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.107.137006 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
16.	Articolo in rivista	Castrucci P, Scilletta C, Del Gobbo S, Scarselli M, Camilli L, Simeoni M, Delley B, Continenza A, De Crescenzi M (2011). Light harvesting with multiwall carbon nanotube/silicon heterojunctions. NANOTECHNOLOGY, vol. 22, ISSN: 0957-4484, doi: 10.1088/0957-4484/22/11/115701 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
17.	Articolo in rivista	E. LIBERATORE, PIERLEONI C, D.M. CEPERLEY (2011). Liquid-Solid transition in fully ionized hydrogen at ultra-high pressure. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, ISSN: 0021-9606, doi: 10.1063/1.3586808 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
18.	Articolo in rivista	BARABASH A, BELL P, BERNABEI R, BOIKO R, CAPPELLA F, CARACCILO V, CHERNYAK D, CERULLI R, DANEVICH F, DI VACRI M, DOSSOVITSKIY A, GALASHOV E, INCICCHITTI A, KOBYCHEV V, KONOVALOV S, KOVTUN G, KUDOVENKO V, LAUBENSTEIN M, MIKHLIN A, NISI S, PODA D, PODVIYANUK R POLISCHUK O, SHSCHERBAN A, SHLEGEL V, SOLOPIKHIN D, STENIN Y, TRETYAK V, UMATOV V, VASILIEV Y, VIRICH V (2011). Low background detector with enriched ¹¹⁶ CdWO ₄ crystal scintillators to search for double beta decay of ¹¹⁶ Cd. JOURNAL OF INSTRUMENTATION, ISSN: 1748-0221 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
19.	Articolo in rivista	Ricci F, D'Orazio F, Continenza A, Lucari F, Freeman AJ (2011). MOKE experiments and theory of uniform and nonuniform distribution of magnetic nanocrystals: Mn(5)Ge(3) in Ge. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, p. 224421-1-224421-5, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.224421 Web of Science: WOS:000292127800007 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
20.	Articolo in rivista	P. DE PADOVA, J.-M. MARIOT, L. FAVRE, I. BERBEZIER, B. OLIVIERI, P. PERFETTI, C. QUARESIMA, C. OTTAVIANI, A. TALEB-IBRAHIMI, P. LE FÉVRE, F. BERTRAN, O. HECKMANN, M.C. RICHTER, W. NDIAYE, D'ORAZIO FRANCO, F. LUCARI, C.M. CACHO, K. HRICOVINI (2011). Mn ₅ Ge ₃ films grown on Ge(111)-c(2×8). SURFACE SCIENCE, vol. 605, p. 638-643, ISSN: 0039-6028, doi: 10.1016/j.susc.2011.01.002 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
21.	Articolo in rivista	Daidone I, Di Nola A, Smith JC (2011). Molecular Origin of Gerstmann-Straussler-Scheinker Syndrome: Insight from Computer Simulation of an Amyloidogenic Prion Peptide. BIOPHYSICAL JOURNAL, vol. 100, p. 3000-3007, ISSN: 0006-3495, doi: 10.1016/j.bpj.2011.04.053 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
		CAMPANELLI AR, DOMENICANO A, RAMONDO F, HARGITTAI I (2011). Molecular structure of p-diisocyanobenzene from gas-phase electron diffraction and theoretical calculations and effects of intermolecular interactions in the crystal on the benzene ring geometry.

22.	Articolo in rivista	STRUCTURAL CHEMISTRY, ISSN: 1040-0400, doi: 10.1007/s11224-011-9889-6 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/02
23.	Articolo in rivista	Stroppa A, Di Sante D, Horiuchi S, Tokura Y, Vanderbilt D, Picozzi S (2011). Polar distortions in hydrogen-bonded organic ferroelectrics RID E-7702-2010 RID C-7352-2009. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 84, ISSN: 1098-0121, doi: 10.1103/PhysRevB.84.014101 Web of Science: WOS:000292765300001 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
24.	Articolo in rivista	Ave, M, Bohacova, M, Daumiller, K, Di Carlo, P, Di Giulio, C, San Luis, PF, Gonzales, D, Hojvat, C, Horandel, JR, Hrabovsky, M, Iarlori, M, Keilhauer, B, Klages, H, Kleifges, M, Kuehn, F, Monasor, M, Nozka, L, Palatka, M, Petrera, S, Privitera, P, Ridky, J, RIZI V, d'Orfeuil, BR, Salamida, F, Schovanek, P, Smida, R, Spinka, H, Ulrich, A, Verzi, V, Williams, C (2011). Precise measurement of the absolute yield of fluorescence photons in atmospheric gases. NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, vol. 212-13, p. 356-361, ISSN: 0920-5632, doi: 10.1016/j.nuclphysbps.2011.03.048 Web of Science: WOS:000293253600049 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06, FIS/01
25.	Articolo in rivista	A. Di Cicco, F. D'Amico, G. Zgrablic, E. Principi, R. Gunnella, F. Bencivenga, C. Svetina, C. Masciovecchio, F. Parmigiani, A. Filipponi (2011). Probing phase transitions under extreme conditions by ultrafast techniques: Advances at the Fermi@Elettra free-electron-laser facility.. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 357, p. 2641-2647, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2011.02.039 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/01
26.	Articolo in rivista	BAIS AF, TOURPALI K, KAZANTZIDIS A, AKIYOSHI H, BEKKI S, BRAESICKE P, CHIPPERFIELD MP, DAMERIS M, EYRING V, GARNY H, IACHETTI D, JOCKEL P, KUBIN A, LANGEMATZ U, MANCINI E, MICHOU M, MORGENSTERN O, NAKAMURA T, NEWMAN PA, PITARI G, PLUMMER DA, ROZANOV E, SHEPHERD TG, SHIBATA K, TIAN W, YAMASHITA Y (2011). Projections of UV radiation changes in the 21st century: impact of ozone recovery and cloud effects. ATMOSPHERIC CHEMISTRY AND PHYSICS, vol. 11, p. 7533-7545, ISSN: 1680-7316, doi: 10.5194/acp-11-7533-2011 Scopus: 79961009675 Web of Science: WOS:000293826500008 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
27.	Articolo in rivista	Mattioli G, Risch M, Amore Bonapasta A, Dau H, Guidoni L (2011). Protonation States in a Cobalt-Oxide Catalyst for Water Oxidation: Fine Comparison of Ab Initio Molecular Dynamics and X-ray Absorption Spectroscopy Results. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol. 13, p. 15437-15441, ISSN: 1463-9076, doi: 10.1039/c1cp21776 Scopus: 2-s2.0-80052105443 Web of Science: WOS:000293900400008 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/07
28.	Articolo in rivista	Martinelli A, Palenzona A, Tropeano M, Putti M, Ferdeghini C, Profeta G, Emerich E (2011). Retention of the Tetragonal to Orthorhombic Structural Transition in F-Substituted SmFeAsO: A New Phase Diagram for SmFeAs(O(1-x)F(x)). PHYSICAL REVIEW LETTERS, vol. 106, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.106.227001 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03

29.	Articolo in rivista	Stroppa A, Kresse G, Continenza A (2011). Revisiting Mn-doped Ge using the Heyd-Scuseria-Ernzerhof hybrid functional RID E-7702-2010. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.085201 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
30.	Articolo in rivista	Ottaviano L, Continenza A, Profeta G, Impellizzeri G, Irrera A, Gunnella R, Kazakova O (2011). Room-temperature ferromagnetism in Mn-implanted amorphous Ge. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.134426 Web of Science: WOS:000294407600004 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
31.	Articolo in rivista	Abreu P, Aglietta M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Couto S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, Luis PFS, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parrisius J, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegai R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova JJ, Schovaneck P, Schroeder P, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suominen T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tascu O, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnick P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wiecek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Zamorano B, Zas E, Zavrtnik D, Zavrtnik M, Zaw I, Zepeda A, Ziolkowski M (2011). Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory RID D-4317-2011 RID D-9310-2011 RID C-2328-2011 RID C-2337-2011 RID H-1502-2011 RID G-5791-2011. ASTROPARTICLE PHYSICS, vol. 34, p. 627-639, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2010.12.007 Web of Science: WOS:000288930200007 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/01
		Abreu P, Aglietta M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Baum J, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Couto S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De la Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, del

Rio M, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olivo JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Espadanal J, Etchegoyen A, San Luis PF, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gaio R, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hague JD, Hansen P, Harari D, Harmsma S, Harrison TA, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Hollon N, Holmes VC, Homola P, Horandel JR, Horneffer A, Horvath P, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jarne C, Jiraskova S, Josebachuili M, Kadija K, Kampert KH, Karhan P, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lu L, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin J, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Martinez H, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragainne DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Neuser J, Newton D, Nhung PT, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querschfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Rizi V, Roberts J, Robledo C, de Carvalho WR, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Ruhle C, Salamida F, Salazar H, Greus FS, Salina G, Sanchez F, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar B, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Scholten O, Schoorlemmer H, Schovancova J, Schovanek P, Schroder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HHS, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stanic S, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tartare M, Tascau O, Ruiz CGT, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnick P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Varela E, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Verzi V, Vicha J, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Walz D, Warner D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winnick MG, Wommer M, Wundheiler B, Yamamoto

		T, Yapici T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Silva MZ, Ziolkowski M (2011). Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. PHYSICAL REVIEW D, PARTICLES, FIELDS, GRAVITATION, AND COSMOLOGY, vol. 84, ISSN: 1550-7998, doi: 10.1103/PhysRevD.84.122005 Web of Science: WOS:000298667100001 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04, FIS/01
33.	Articolo in rivista	R. S. MARSHALL, F. DAVILA, A. DI COLA, R. TRAINI, SPANO' L, M.S. FABBRINI, A. CERIOTTI (2011). Signal peptide-regulated toxicity of a plant ribosome-inactivating protein during cell stress.. PLANT JOURNAL, vol. 65, p. 218-229, ISSN: 0960-7412, doi: 10.1111/j.1365-313X.2010.04413.x Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: BIO/04
34.	Articolo in rivista	NELSON L. E, ANTONELLI C, MECOZZI A, BIRK M, MAGILL P, SCHEX A, RAPP L (2011). Statistics of polarization dependent loss in an installed long-haul WDM system. OPTICS EXPRESS, vol. 19, p. 6790-6796, ISSN: 1094-4087, doi: 10.1364/OE.19.006790 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
35.	Articolo in rivista	Di Crescenzo A., ASCHI M, Del Canto E., Giordani S., Demurtas D. and Fontana A. (2011). Structural Modifications of Ionic Liquid Surfactants for improving the Capability to Disperse Single-Walled Carbon Nanotubes in Water: an Experimental and Theoretical Study. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol. 13, p. 11373-11383, ISSN: 1463-9076 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
36.	Articolo in rivista	Thukral L, Daidone I, Smith JC (2011). Structured Pathway across the Transition State for Peptide Folding Revealed by Molecular Dynamics Simulations. PLOS COMPUTATIONAL BIOLOGY, vol. 7, ISSN: 1553-734X, doi: 10.1371/journal.pcbi.1002137 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
		Abreu P., Aglietta M., Ahn E. J., Albuquerque I. F. M., Allard D., Allekotte I., Allen J., Allison P., Alvarez Castillo J., Alvarez-Muniz J., Ambrosio M., Aminaei A., Anchordoqui L., Andringa S., Anticic T., Anzalone A., Aramo C., Arganda E., Arqueros F., Asorey H., Assis P., Aublin J., Ave M., Avenier M., Avila G., Baecker T., Balzer M., Barber K. B., Barbosa A. F., Bardenet R., Barroso S. L. C., Baughman B., Baeuml J., Beatty J. J., Becker B. R., Becker K. H., Belletoile A., Bellido J. A., BenZvi S., Berat C., Bertou X., Biermann P. L., Billoir P., Blanco F., Blanco M., Bleve C., Bluemer H., Bohacova M., Boncioli D., Bonifazi C., Bonino R., Borodai N., Brack J., Brogueira P., Brown W. C., Bruijn R., Buchholz P., Bueno A., Burton R. E., Caballero-Mora K. S., Caramete L., Caruso R., Castellina A., Catalano O., Cataldi G., Cazon L., Cester R., Chauvin J., Cheng S. H., Chiavassa A., Chinellato J. A., Chou A., Chudoba J., Clay R. W., Coluccia M. R., Conceicao R., Contreras F., Cook H., Cooper M. J., Coppens J., Cordier A., Cotti U., Coutu S., Covault C. E., Creusot A., Criss A., Cronin J., Curutiu A., Dagoret-Campagne S., Dallier R., Dasso S., Daumiller K., Dawson B. R., de Almeida R. M., De Domenico M., De Donato C., de Jong S. J., De La Vega G., de Mello Junior W. J. M., de Mello Neto J. R. T., De Mitri I., de Souza V., de Vries K. D., Decerprit G., del Peral L., Deligny O., Dembinski H., Dhital N., Di Giulio C., Diaz J. C., Diaz Castro M. L., Diep P. N., Dobrigkeit C., Docters W., D'Olivo J. C., Dong P. N., Dorofeev A., dos Anjos J. C., Dova M. T., D'Urso D., Dutan I., Ebr T. J., Engel R., Erdmann M., Escobar C. O., Etchegoyen A., San Luis P. Facal, Fajardo Tapia I., Falcke H., Farrar G., Fauth A. C., Fazzini N., Ferguson A. P., Ferrero A., Fick B., Filevich A., Filipic A., Fliescher S., Fracchiolla C. E., Fraenkel E. D., Froehlich U., Fuchs B., Gaior R., Gamarra R. F., Gambetta S., Garcia B., Garcia Gamez D., Garcia-Pinto D., Gascon A., Gemmeke H., Gesterling K., Ghia P. L., Giaccari U., Giller M., Glass H., Cold M. S., Golup G., Gomez Albarracin F., Gomez Berisso M., Goncalves P., Gonzalez D., Gonzalez J. G., Gookin B., Gora D., Gorgi A., Gouffon P., Gozzini S. R., Grashorn E., Grebe S., Griffith N., Grigat M., Grillo A. F., Guardincerri Y., Guarino F., Guedes G. P., Guzman A., Hague J. D., Hansen P., Harari D., Harmsma S., Harton J. L., Haungs A., Hebbeker T., Heck D., Herve A. E., Hojvat C., Hollon N., Holmes V. C., Homola P., Hoerandel J. R., Horneffer A., Hrabovsky M., Huege T., Insolia A., Ionita F., Italiano A., Jarne C., Jiraskova S., Kadja K., Kampert K. H., Karhan P., Kasper P., Kegl B., Keilhauer B., Keivani A., Kelley J. L., Kemp E., Kieckhafer R. M., Klages H. O., Kleifges M., Kleinfeller J., Knapp J., Koang D. -H., Kotera K., Krohm N., Kroemer O., Kruppke-Hansen D., Kuehn F., Kuempel D., Kulbartz J. K., Kunka N., La Rosa G., Lachaud C., Lautridou P., Leao M. S. A. B., Lebrun D., Lebrun P., Leigui de Oliveira M. A., Lemiere A., Letessier-Selvon A., Lhenry-Yvon I., Link K., Lopez R., Lopez Aqueera A., Louedec K., Lozano Bahilo J., Lucero A., Ludwig M., Lyberis H., Maccarone M. C., Macolino C., Maldera S., Mandat D., Mantsch P., Mariazzi A. G., Marini J., Marin V., Maris I. C., Marquez Falcon H. R., Marsella G., Martello D., Martin L., Martinez H., Martinez Bravo O., Mathes H. J., Matthews J., Matthews J. A. J., Matthiae G., Maurizio D., Mazur P. O., Medina-Tanco G., Melissas M., Melo D., Menichetti E., Menshikov A., Mertsch P., Meurer C., Mitranovic S., Micheletti M. I., Miller W., Miramonti L., Mollerach S., Monasor M., Ragaigine D. Monnier, Montanet F., Morales B., Morello C., Moreno E., Moreno J. C., Morris C., Mostafa M., Moura C. A., Mueller S., Muller M. A., Mueller G., Muenchmeyer M., Mussa R., Navarra G., Navarro J. L., Navas S., Necesal P., Nellen L., Nelles A., Nhung P. T., Niemietz L., Nierstenhoefer N., Nitz D., Nosek D., Nazka L., Nyklicek M., Oehischlaeger J., Olinto A., Oliva P., Olmos-Gilbaja V. M., Ortiz M., Pacheco N., Pakk Selmi-Dei D., Palatka M., Pallotta J., Palmieri N., Parente G., Parizot E., Parra A., Parsons R. D., Pastor S., Paul T., Pech M., Pekala J., Pelayo R., Pepe I. M., Perrone L., Pesce R., Petermann E., PETRERA S., Petrinca P., Petrolini A., Petrov Y., Petrovic J., Pfendner C., Phan N., Piegaia R., Pierog T., Pieroni P., Pimenta M., Pirronello V., Platino M.,

Ponce V. H., Pontz M., Privitera P., Prouza M., Quel E. J., Querchfeld S., Rautenberg J., Ravel O., Ravignani D., Revenu B., Ridky J., Riggi S., Risse M., Ristori P., Rivera H., Rizi V., Roberts J., Robledo C., Rodrigues de Carvalho W., Rodriguez G., Rodriguez Martino J., Rodriguez Rojo J., Rodriguez-Cabo I., Rodriguez-Frias M. D., Ros G., Rosado J., Rossier T., Roth M., Rouille-d'Orfeuill B., Roulet E., Rovero A. C., Ruehle C., Salamida F., Salazar H., Salina G., Sanchez F., Santander M., Santo C. E., Santos E., Santos E. M., Sarazin F., Sarkar B., Sarkar S., Sato R., Scharf N., Scherini V., Schieler H., Schiffer P., Schmidt A., Schmidt F., Schmidt T., Scholten O., Schoorlemmer H., Schovancova J., Schovanecky P., Schroeder F., Schulte S., Schuster D., Scillitto S. J., Scuderi M., Segreto A., Settimo M., Shadkam A., Shellard R. C., Sidelnik I., Sigl G., Silva Lopez H. H., Smialkowski A., Smida R., Snow G. R., Sommers P., Sorokin J., Spinka H., Squartini R., Stapleton J., Stasielak J., Stephan M., Strazzeri E., Stutz A., Suarez F., Suominen T., Supanitsky A. D., Susa T., Sutherland M. S., Swain J., Szadkowski Z., Szuba M., Tamashiro A., Tapia A., Tartare M., Tascau O., Tavera Ruiz C. G., Tcacuic R., Tegolo D., Thao N. T., Thomas D., Tiffenberg J., Timmermans C., Tiwari D. K., Tkaczyk W., Todero Peixoto C. J., Tome B., Tonachini A., Travnicek P., Tridapalli D. B., Tristram G., Trovato E., Tueros M., Ulrich R., Unger M., Urban M., Valdes Galicia J. F., Valino I., Valore L., van den Berg A. M., Varela E., Vargas Cardenas B., Vazquez J. R., Vazquez R. A., Veberic D., Verzi V., Vicha J., Videla M., Villasenor L., Wahlberg H., Wahrlich P., Wainberg O., Warner D., Watson A. A., Weber M., Weidenhaupt K., Weindl A., Westerhoff S., Whelan B. J., Wieczorek G., Wiencke L., Wilczynska B., Wilczynski H., Will M., Williams C., Winchen T., Winders L., Winnick M. G., Wommer M.,

Wundheiler B., Yamamoto T., Yapici T., Younk P., Yuan G., Yushkov A., Zamorano B., Zas E., Zavrtanik D., Zavrtanik M., Zaw I., Zepeda A., Ziolkowski M. (2011). The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. *ASTROPARTICLE PHYSICS*, vol. 35, p. 266-276, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2011.08.001

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SSD di afferenza degli autori del Dipartimento: FIS/04

38. Articolo in rivista

Abreu P, Aglietta M, Ahn EJ, Allard D, Allekotte I, Allen J, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaie A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arisaka K, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Badagnani D, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bergmann T, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Busca NG, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Colombo E, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Della Selva A, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, San Luis PF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fleck I, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Fulgione W, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Garrido X, Gascon A, Gelmini G, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadija K, Kaducak M, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parrisi J, Parsons RD, Pastor S, Paul T, Pavlidou V, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petreria S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroeder F, Schulte S, Schussler F, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijavi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Tamashiro A, Tapia A, Tarutina T, Tascau O, Tcaciuc R, Tcherniakhovski D, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto JT, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Venters T, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahlich P, Wainberg O, Warner D, Watson AA, Vaz M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wiecezorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays RID D-4317-2011 RID D-9310-2011 RID G-5791-2011. *JOURNAL OF INSTRUMENTATION*, vol. 6, ISSN: 1748-0221, doi: 10.1088/1748-0221/6/01/P01003

Web of Science: WOS:000291345600003

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/01

Abreu P, Aglietta M, Ahn EJ, Albuquerque LFM, Allard D, Allekotte I, Allen J, Allison P, Castio JA, Alvarez-Muniz J, Ambrosio M, Amiane A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Coutu S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico N, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, del Rio M, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Espadanal J, Etchegoyen A, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Gascon A, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hague JD, Hansen P, Harari D, Harmsma S, Harrison TA, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hojvat C, Hollon N, Holmes VC, Homola P, Horandel JR, Horneffer A, Horvath P, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jarne C, Jiraskova S, Josebachuili M, Kadija K, Kampert KH, Karhan P, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp F, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F,

Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lu L, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin J, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Martinez H, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Moura CA, Mueller S, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nelles A, Neuser J, Nhung PT, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parsons RD, Pastor S, Paul T, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querschfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori R, Rivera H, Rizi V, Roberts J, Robledo C, de Carvalho WR, Rodriguez G, Martino J, Rojo J, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Ruhle C, Salmida F, Salazar H, Greus FS, Salina G, Sanchez F, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar B, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroder F, Schulte S, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HH, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stanic S, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tamashiro A, Tapia A, Tartare M, Tascau O, Ruiz CGT, Teaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJ, Tome B, Tonachini A, Travnicek P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Varela E, Cardenas BV, Vazquez IR, Vazquez RA, Veberic D, Verzi V, Vicha J, Videla M, Villaseñor L, Wahlberg H, Wahrlich P, Wainberg O, Walz D, Warner D, Waton AA, Weber M, Weidenhaupt K, Weindl A, Westerhoff S, Whelan BJ, Wiczorek G, Wieneke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Yapici T, Younk P,

Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Silva NZ, Ziolkowski N (2011). The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, ISSN: 1475-7516, doi: 10.1088/1475-7516/2011/11/022

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40. Articolo in rivista

Abreu P, Aglietta M, Ahn EJ, Allard D, Allekotte I, Allen J, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaie A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arisaka K, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Badagnani D, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Beatty JJ, Becker BR, Becker KH, Belletoile A, Bellido JA, BenZvi S, Berat C, Bergmann T, Bertou X, Biermann PL, Billoir P, Blanco F, Blanco M, Blevé C, Blumer H, Bohacova M, Boncioli D, Bonifazi C, Bonino R, Borodai N, Brack J, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Busca NG, Caballero-Mora KS, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chudoba J, Clay RW, Colombo E, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordier A, Cotti U, Couto S, Covault CE, Creusot A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Dasso S, Daumiller K, Dawson BR, de Almeida RM, De Domenico M, De Donato C, de Jong SJ, De La Vega G, de Mello WJM, Neto JRTD, De Mitri I, de Souza V, de Vries KD, Decerprit G, del Peral L, Deligny O, Della Selva A, Dembinski H, Denkiewicz A, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, D'Olive JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr J, Engel R, Erdmann M, Escobar CO, Etchegoyen A, Luis PFS, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipic A, Fleck I, Fliescher S, Fracchiolla CE, Fraenkel ED, Frohlich U, Fuchs B, Fulgione W, Gamarra RF, Gambetta S, Garcia B, Gamez DG, Garcia-Pinto D, Garrido X, Gascon A, Gelmini G, Gemmeke H, Gesterling K, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gora D, Gorgi A, Gouffon P, Gozzini SR, Grashorn E, Grebe S, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Hague JD, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hebbeker T, Heck D, Herve AE, Hovjat C, Holmes VC, Homola P, Horandel JR, Horneffer A, Hrabovsky M, Huege T, Insolia A, Ionita F, Italiano A, Jiraskova S, Kadji K, Kaducak M, Kampert KH, Karhan P, Karova T, Kasper P, Kegl B, Keilhauer B, Keivani A, Kelley JL, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapp J, Koang DH, Kotera K, Krohm N, Kromer O, Kruppke-Hansen D, Kuehn F, Kuempel D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lautridou P, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Lemiére A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lucero A, Ludwig M, Lyberis H, Maccarone MC, Macolino C, Maldera S, Mandat D, Mantsch P, Mariazzi AG, Marin V, Maris IC, Falcon HRM, Marsella G, Martello D, Martin L, Bravo OM, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurizio D, Mazur PO, McEwen M, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Meurer C, Micanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigine DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Mueller S, Muller MA, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necasal P, Nellen L, Nhung PT, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Oliva P, Olmos-Gilbaja VM, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, Parrisi J, Parsons RD, Pastor S, Paul T, Pavlidou V, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Pesce R, Petermann E, Petrera S, Petrinca P, Petrolini A, Petrov Y, Petrovic J, Pfendner C, Phan N, Piegaia R, Pierog T, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risse M, Ristori P, Rivera H, Riviere C, Rizi V, Robledo C, Rodriguez G, Martino JR, Rojo JR, Rodriguez-Cabo I, Rodriguez-Frias MD, Ros G, Rosado J, Rossler T, Roth M, Rouille-d'Orfeuille B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos E, Santos EM, Sarazin F, Sarkar S, Sato R, Scharf N, Scherini V, Schieler H, Schiffer P, Schmidt A, Schmidt F, Schmidt T, Scholten O, Schoorlemmer H, Schovancova J, Schovaneck P, Schroeder F, Schulte S, Schussler F, Schuster D, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Stapleton J, Stasielak J, Stephan M, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Tamashiro A, Tapia A, Tarutina T, Tascau O, Tcaciuc R, Tcherniakhovski D, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tiwari DK, Tkaczyk W, Peixoto CJT, Tome B, Tonachini A, Travnické P, Tridapalli DB, Tristram G, Trovato E, Tueros M, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, Cardenas BV, Vazquez JR, Vazquez RA, Veberic D, Venters T, Verzi V, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Warner D, Watson AA, Weidenhaupt K, Weinidl A, Westerhoff S, Whelan BJ, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, Winders L, Winnick MG, Wommer M, Wundheiler B, Yamamoto T, Younk P, Yuan G, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). The exposure of the hybrid detector of the Pierre Auger Observatory RID D-4317-2011 RID D-9310-2011 RID C-2328-2011 RID C-2337-2011 RID H-1502-2011 RID G-5791-2011. ASTROPARTICLE PHYSICS, vol. 34, p. 368-381, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2010.10.001

Web of Science: WOS:000287068800007

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/03

41. Articolo in rivista

M. HOLZMANN, B. BERNU, PIERLEONI C, J. MCMINIS, D.M. CEPERLEY, V. OLEVANO, L. DELLE SITE (2011). The momentum distribution of the homogeneous electron gas. PHYSICAL REVIEW LETTERS, vol. 107, p. 110402-1-110402-5, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.107.110402

Lingua: ENG

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/03

42. Articolo in rivista

Sanna A, Bernardini F, Profeta G, Sharma S, Dewhurst JK, Lucarelli A, Degiorgi L, Gross EKV, Massidda S (2011). Theoretical investigation of optical conductivity in Ba(Fe(1-x)Co(x))(2)As(2) RID A-5411-2010. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.054502

Co-autori stranieri: Si

SSD di afferenza degli autori del Dipartimento: FIS/03

43.	Articolo in rivista	S. CIUCHI, S. FRATINI, D. MAYOU (2011). Transient localization in crystalline organic semiconductors. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 83, ISSN: 1098-0121, doi: 10.1103/PhysRevB.83.081202 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
44.	Articolo in rivista	PRATTES G., SCHWINGENSCHUH K, EICHELBERGER H U, MAGNES W, BOUDJADA M, STACHEL M, VELLANTE M, VILLANTE U, WESZTERGOM V, NENOVSKI P (2011). Ultra Low Frequency (ULF) European multi station magnetic field analysis before and during the 2009 earthquake at L'Aquila regarding regional geotechnical information. NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol. 11, p. 1959-1968, ISSN: 1684-9981, doi: 10.5194/nhess-11-1959-2011 Web of Science: WOS:000293266300014 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
45.	Articolo in rivista	RUBBIA C. et al, CAVANNA F (2011). Underground operation of the ICARUS T600 LAr-TPC: first results. JOURNAL OF INSTRUMENTATION, vol. 6 P07011, p. 1-12, ISSN: 1748-0221, doi: 10.1088/1748-0221/6/07/P07011 Web of Science: WOS:000294493000011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
46.	Articolo in rivista	STRAHAN SE, DOUGLASS AR, STOLARSKI RS, AKIYOSHI H, BEKKI S, BRAESICKE P, BUTCHART N, CHIPPERFIELD MP, CUGNET D, DHOMSE S, FRITH SM, GETTELMAN A, HARDIMAN SC, KINNISON DE, LAMARQUE JF, MANCINI E, MARCHAND M, MICHOU M, MORGENSTERN O, NAKAMURA T, OLIVIE D, PAWSON S, PITARI G, PLUMMER DA, PYLE JA, SCINOCCA JF, SHEPHERD TG, SHIBATA K, SMALE D, TEYSSÉDRE H, TIAN W, YAMASHITA Y (2011). Using transport diagnostics to understand chemistry climate model ozone simulations. JOURNAL OF GEOPHYSICAL RESEARCH. ATMOSPHERES, vol. 116, p. D17302-1-D17302-18, ISSN: 0148-0227, doi: 10.1029/2010JD015360 Scopus: 80052784494 Web of Science: WOS:000294800600001 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
N.	Classificazione	Pubblicazione
1.	Contributo in volume (Capitolo o Saggio)	BEKKI, S., G.E. BODEKER, A.F. BAIS, V. EYRING, D.W. FAHEY, D.E. KINNISON, U. LANGEMATZ, B. MAYER, R.W. PORTMANN, E. ROZANOV, P. BRAESICKE, A. J. CHARLTON-PEREZ, N. E. CHUBAROVA, I. CIONNI, S. B. DIAZ, N. P. GILLET, M. A. GIORGETTA, N. KOMALA, F. LEFÈVRE, C. MCLANDRESS, J. PERLWITZ, T. PETER, K. SHIBATA, H. AKIYOSHI, J. AUSTIN, M. P. CHIPPERFIELD, M. DAMERIS, S. DHOMSE, S. M. FRITH, R. R. GARCIA, H. GARNY, A. GETTELMAN, S. C. HARDIMAN, P. JÖCKEL, A. I. JONSSON, A. KAZANTZIDIS, A. KUBIN, J-F. LAMARQUE, MANCINI E, M. MARCHAND, M. MICHOU, O. MORGENSTERN, L. D. OMAN, S. PAWSON, PITARI G, D. PLUMMER, J. A. PYLE, D. SAINT-MARTIN, J. F. SCINOCCA, T. G. SHEPHERD, D. SMALE, R. S. STOLARSKI, H. TEYSSÉDRE, S. TILMES (2011). Chapter 3: Future Ozone and Its Impact on Surface UV. In: Scientific Assessment of Ozone Depletion: 2010. vol. Report No.52, GENEVA:WMO, ISBN: 9966-7319-6-2 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
N.	Classificazione	Pubblicazione
1.	Contributo in Atti di convegno	Biancofiore F., Di Carlo P, C. Dari Salisburgo, E. Aruffo, F. Giammaria, S. Moller, J Lee, M. J. Evans, J. Hopkins, C. Jones, A. R. MacKenzie, C. N. Hewitt (2011). Analysis of the total peroxy ni-trates and total alkyl nitrates observed above a tropical rain forest. In: Accent meeting. Urbino, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06

2.	Contributo in Atti di convegno	Benetti P, et al, Cavanna F (2011). First Physics Results from WArP 2.3 litre prototype. In: Nucl.Phys. B Proc Suppl. NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, vol. 221, p. 53-56, ISSN: 0920-5632, Santa Fe, New Mexico, USA, June 13-19, 2006, doi: doi:10.1016/j.nuclphysbps.2011.03.093 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
3.	Contributo in Atti di convegno	D'ORAZIO FRANCO, L. Camilli, M. Scarselli, S. Del Gobbo, P. Castrucci, F.R. Lamastra, F. Nanni, E. Gautron, S. Lefrant, F. Lucari, and M. De Crescenzi (2011). HIGH COERCIVITY OF CARBON NANOTUBES SYNTHESIZED FROM AUSTENITIC STAINLESS STEEL. In: X Congresso Nazionale Materiali Nanofasici - Bologna 6-8 settembre 2011. Bologna, 06/09/2011-08/09/2011 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03
4.	Contributo in Atti di convegno	Perissin D., Rocca F., Pierdicca M., Pichelli E, Cimini D., Venuti G., Rommen B. (2011). Mitigation of Atmospheric Delay In InSAR: The ESA METAWAVE Project. In: Proceedings of the International Geoscience & Remote Sensing Symposium 2011. p. 2558-2561, Vancouver (Canada), July 2011, doi: 10.1109/IGARSS.2011.6049734 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
5.	Contributo in Atti di convegno	Pierdicca N, Rocca F, Perissin D, Ferretti R, Pichelli E, Rommen B, Cimini D (2011). Numerical weather prediction models and SAR interferometry: synergic use for meteorological and INSAR applications. In: Proc. SPIE 8179, SAR Image Analysis, Modeling, and Techniques XI, 817912 (October 26, 2011); doi:10.1117/12.898756. (a cura di): SPIE, SAR Image Analysis, Modeling, and Techniques XI Prague, Czech Republic September 19, 2011. PROCEEDINGS OF SPIE, ISSN: 1996-756X, doi: doi: 10.1117/12.898756 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
6.	Contributo in Atti di convegno	Ave M, M Bohacova, K Daumiller, Di Carlo P, C Di Giulio, P Facal San Luis, D Gonzales, C Hojvatk, J R Hörandel, M. Hrabovsky, M Iarlari, B Keilhauer, H Klages, M Kleifges, F Kuehnk, M Monasorş, L Nozka, M. Palatka, S Petrera, P Privitera1, J Ridky, V Rizi, B Rouille dOrfeuill, F Salamida, P Schovanek, R Smida, H Spinka, A Ulrich, V Verzi and C Williams (2011). Precise Measurement of the Absolute Fluorescence Yield. In: AIP Conference Proceedings. Aichi (japan), 10-12 Dec 2010, vol. 1367, p. 29-33, doi: doi: 10.1063/1.3628710 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
7.	Contributo in Atti di convegno	BEREZHIANI Z., KANCHELI O.V. (2011). Spontaneous Breaking of Lorentz-Invariance and Gravitons as Goldstone Particles. In: V.A. Gurzadyan, A. Klumper, A.G. Sedrakyan (Editors). (a cura di): World Scientific, Low Dimensional Physics and Gauge Principles - Matynyan Festschrift . p. 58-79, ISBN: 978-981-4440-33-2, Yerevan, Armenia, 2011, doi: 10.1142/9789814440349_0006 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/02
8.	Contributo in Atti di convegno	Pierdicca N., Rocca F., Rommen B., Basili P., Bonafoni S., Carlesimo G., Cimini N., Ciotti P., Ferretti R., Marzano F.S., Mattioli V., Montopoli M., Notarpietro R., Perissin D., Pichelli E, Venuti G. (2011). Synergic use of EO, NWP and ground based data for the characterisation of water vapour field. In: Proceedings of the 5th European Conference on Antennas and Propagation . p. 3247-3250, ISBN: 978-1-4577-0250-1, Rome (Italy), April 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: GEO/12
9.	Contributo in	Pierdicca N, Rocca F, Basili P., Bonafoni S, Carlesimo G, Cimini D, Ciotti P, Ferretti R, Marzano FS, Mattioli V, Montopoli M, Notarpietro R, Perissin D, Pichelli E, Rommen B, Venuti G (2011). Synergic use of EO, NWP and ground based measurements for the mitigation of vapour artefacts in SAR interferometry. In: IEEE. (a cura di): IGARS, Geoscience and Remote Sensing Symposium (IGARSS), 2011 IEEE International. ISBN: 978-1-4577-1003-2

	Atti di convegno	Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
10.	Contributo in Atti di convegno	Acciarri R, et al, Cavanna F (2011). The WArP Experiment. In: Journal of Physics: Conference Series. JOURNAL OF PHYSICS. CONFERENCE SERIES, vol. 308, ISSN: 1742-6596, Tsukuba (Japan), 29 Mar. 2010, doi: 10.1088/1742-6596/308/1/012005 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/04
11.	Abstract in Atti di convegno	Di Carlo P, C. Dari-Salisburgo, E. Aruffo, F. Biancofiore, M. Busilacchio, F. Giammaria, C. Reeves, S. Moller, J. Lee (2011). Airborne Laser Induced Fluorescence system for simultaneous measurements of nitrogen dioxide and speciated NOy. In: EGU General Assembly. Wien, 4-8 April, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
12.	Abstract in Atti di convegno	Aruffo E., Di Carlo P, C. Dari Salisburgo, F. Biancofiore, F. Giammaria, S. Moller, J. Lee, S. Bauguitte, C. Parcival, M. Le Breton, J. Muller, J. Hopkins, B. Ouyang, O. Kennedy, R. Jones, G. Forster, C. Reeves (2011). Aircraft observations of NOy above UK during RONOCO campaign: implication for NOx and ozone production. In: Accent meeting. Urbino, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
13.	Abstract in Atti di convegno	Di Carlo P, E. Aruffo, C. Dari Salisburgo, F. Biancofiore, F. Giammaria, S. Moller, J. Lee, S. Bauguitte, C. Parcival, M. Le Breton, J. Muller, J. Hopkins, B. Ouyang, O. Kennedy, R. Jones, G. Forster, C. Reeves (2011). Aircraft total alkyl nitrates observations during RONOCO campaign: implication for the odd-oxygen budget . In: ACCENT meeting. Urbino, 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
14.	Abstract in Atti di convegno	Lichtenberger J, Clilverd M, Vellante M, Manninen J, Rodger C, Collier A, Jorgensen A, Reda J, Holzworth R, Friedel R, Heilig B (2011). Global Ground Based VLF and ULF Networks for Modeling the Plasmasphere and Space Weather Events - PLASMON. In: Eighth European Space Weather Week, Final Programme and Abstract Book. p. 45, Namur, Belgium, 28 November - 2 December, 2011 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
15.	Poster	VELLANTE M, FOERSTER M, VILLANTE U, ZHANG T L, MAGNES W (2011). Annual variation of the plasmasphere mass density, at L = 1.6-1.8 as deduced from geomagnetic field line resonance measurements. In: IUGG Programme Handbook, 2011. p. 274, Melbourne, Australia , 28 June 7 July 2011 Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
16.	Poster	A. Di Giuseppe, Crucianelli M, R. Castarlenas, L. A. Oro, J. J. Perez-Torrente, F. J. Lahoz, V. Polo (2011). High Selective Deuteration of Alkenes Catalyzed by New Rh(III) Hydride Complexes Bearing N-Heterocyclic Carbene Ligands. In: EuCOMC-XIX, XIX EuCheMS Conference on OrganoMetallic Chemistry. Tolosa (Francia), 3-7 luglio 2011 Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: CHIM/03
		COLLIER, A, LICHTENBERGER J, CLILVERD M, HEILIG B, VELLANTE M, MANNINEN J, RODGER C J, JORGENSEN A, REDA J, HOLZWORTH R, FRIEDEL R (2011). PLASMON: Data Assimilation of the Earth's Plasmasphere. In: General Assembly and Scientific Symposium, 2011 XXXth URSI. IEEE-XPLORE, Istanbul, Turkey, August 13rd-20th, 2011, doi: 10.1109/URSIGASS.2011.6051134

17.	Poster	Lingua: ENG Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/06
N.	Classificazione	Pubblicazione
1.	Brevetto	Brodsky M, Magill P, Boroditsky M, Antonelli C., Mecozzi A (2011). Method and apparatus for measuring the birefringence autocorrelation length in optical fibers. US7969562, At&T Intellectual Property I, L.P. Co-autori stranieri: Si SSD di afferenza degli autori del Dipartimento: FIS/03

	QUADRO E.2	E.2 Mobilità Internazionale
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In uscita:

No record found

In entrata:

No record found

Sezione F - Docenti senza produzione scientifica

	QUADRO F.1	F.1 Docenti senza produzione scientifica per l'anno di riferimento (2011)
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Informazioni non pubbliche

Sezione G - Bandi competitivi

	QUADRO G.1	G.1 Progetti acquisiti da bandi competitivi
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Informazioni non pubbliche

Sezione H - Responsabilità e riconoscimenti scientifici

	QUADRO H.1	H.1 Premi scientifici (2011)
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N.	Cognome	Nome	Tipo Premio	Nome Premio	Motivazione	Anno	Ente Assegnante	Nazione Ente	Sito Web Riferimento	Pubblicazione Premiata
1.	DE ANGELIS	Francesco	Premio alla Persona	Medaglia doro Domenico Marotta della Società Chimica Italiana Italia	Per i meriti acquisiti nella organizzazione di attività in campo chimico e nella diffusione della cultura chimica	2011	Società Chimica Italiana	ITA	http://www.soc.chim.it/it/%252Fmedaglie/dm	
2.	VILLANTE	Umberto	Premio alla Persona	Premio Feltrinelli	Astronomia Geofisica Geologia e loro Applicazioni	2011	Accademia dei Lincei	ITA	http://www.lincci.it	

	QUADRO H.2	H.2 Fellow di società scientifiche internazionali (2011)
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N.	Cognome	Nome	Denominazione/Tipo Fellow	Anno del conferimento	Società/Accademia Fellow	Nazione Ente	Sito Web Riferimento
1.	ASCHI	Massimiliano	Presidente Società Chimica Italiana Sezione Abruzzo	2010	Società' Chimica Italiana	ITA	https://www.soc.chim.it/
2.	DE ANGELIS	Francesco	Fellow della Royal Society of Chemistry (UK)	2005	Royal Society of Chemistry	GBR	http://www.rsc.org/

Accademico delle Scienze

3.	DE ANGELIS	Francesco	dell'Istituto di Bologna Sezione Scienze Matematiche, Fisiche, Chimiche e Geologiche	2011	Accademia delle Scienze dell'Istituto di Bologna	ITA	http://www.accademiascienzebologna.it/it
4.	DE ANGELIS	Francesco	Treasurer of the European Association for Chemical and Molecular Sciences (EuCheMS)	2010	European Association for Chemical and Molecular Sciences (EuCheMS)	BEL	http://www.euchems.eu/
5.	DE ANGELIS	Francesco	co-Presidente della Partnership Editoriale "ChemPubSoc Europe"	2006	ChemPubSoc Europe	DEU	http://www.chempubsoc.eu/chempubsoc-eu.html
6.	FRANCIA	Patrizia	Management Committee Member	2011	European COST Action ES1005	ITA	http://www.tosca-cost.eu
7.	MECOZZI	Antonio	Fellow of the Optical Society of America (OSA) for his significant contributions in the theory of long-haul soliton transmission control and wavelength conversion using semiconductor optical amplifiers.	1999	Optical Society of America	USA	www.osa.org
8.	MECOZZI	Antonio	Fellow of the International Institute of Electrical and Electronic Engineers (IEEE), Photonics Society, for contributions to the theory of nonlinear transmission in optical fibers.	2002	International Institute of Electrical and Electronic Engineers IEEE, Photonics Society	USA	www.ieee.org

►	QUADRO H.3	H.3 Direzione di riviste, collane editoriali, enciclopedie e trattati scientifici (2011)
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Informazioni non pubbliche

►	QUADRO H.4	H.4 Direzione o responsabilità scientifica /coordinamento di enti o istituti di ricerca pubblici o privati nazionali o internazionali (2011)
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N.	Cognome	Nome	Tipo attività	Ente	Nazione Ente	Data Inizio	Data Fine	Sito Web Riferimento
1.	FERRETTI	Rossella	Direttore/Responsabile Scientifico	Centro di Eccellenza per l'integrazione di Tecniche di Telerilevamento e Modellistica Numerica per la Previsione di Eventi Meteorologici Severi	ITA	01/05/2001		
2.	PETRERA	Sergio	Direttore/Responsabile Scientifico	Istituto Nazionale di Fisica Nucleare	ITA	01/10/2006		

►	QUADRO H.5	H.5 Attribuzione di incarichi ufficiali di insegnamento o di ricerca presso atenei e centri di ricerca pubblici o privati internazionali (2011)
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La colonna "Periodo (mesi) attività svolta" calcola il numero di mesi che intercorrono tra la Data di Conferimento e Chiusura Incarico.

N.	Cognome	Nome	Tipo Incarico	Ateneo/Ente che ha conferito Incarico	Nazione Ente	Data Conferimento incarico	Data Chiusura Incarico	Periodo attività svolta
1.	BEREJANI	Zourab	Visiting Researcher	Joint Institute for Nuclear Research	RUS	25/05/2011	10/09/2011	4 mesi
2.	CAVANNA	Flavio	Visiting Researcher	Yale University	USA	01/10/2011	30/09/2014	36 mesi
3.	CIUCHI	Sergio	Visiting Researcher	Instituto de Ciencia de Materiales de Madrid	ESP	01/04/2011	31/07/2011	4 mesi
4.	MAIELLO	Ida	Visiting Researcher	National Center for Atmospheric Research (NCAR)	USA	07/09/2011	11/05/2012	8 mesi

►	QUADRO H.6	H.6 Responsabilità scientifica di congressi internazionali (2011)
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N.	Cognome	Nome	Tipo Partecipazione	Titolo Congresso	Anno Congresso
1.	BEREJANI	Zourab	Technical program chair/Presid. comitato programma di congresso	Spontaneous Workshop VI (SW6) "Hot topics in Modern Cosmology", 9 - 14 May 2011, Cargese, France	2011
2.	OTTAVIANO	Luca	Technical program chair/Presid. comitato programma di congresso	GraphITA 2011 L'Aquila (IT) 15-18 may 2011. Chair and inventor of the event. First international Italian congress on graphene and related material. Opening lecture sir. K. Novoselov (Nobel Prize in Physics 2010).	2011
3.	RIZI	Vincenzo	Technical program chair/Presid. comitato programma di congresso	International Summer School on Atmospheric and Oceanic Sciences, Terrestrial Atmosphere and Cosmic Rays, 5-8 September 2011, LAquila, Italy.	2011