



## CURRICULUM VITAE

**ANTONIO INSOLIA**

### Posizione accademica

<b>Settore Concorsuale</b>	dal 31/10/2011 02/A1 - FISICA SPERIMENTALE DELLE INTERAZIONI FONDAMENTALI
<b>Settore Scientifico Disciplinare</b>	dal 29/03/2001 FIS/01 - FISICA SPERIMENTALE
<b>Qualifica</b>	Professore Ordinario
<b>Anzianità nel ruolo di professore di I fascia</b>	01/11/2001
<b>Sede universitaria</b>	Università degli Studi di CATANIA
<b>Dipartimento</b>	Dipartimento di FISICA E ASTRONOMIA

### Posizioni ricoperte precedentemente nel medesimo ateneo o in altri:

- dal 13/12/1984 Professore II Fascia Università degli Studi del SALENTO  
 dal 01/11/1988 Professore II Fascia Università degli Studi di CATANIA  
 dal 01/11/2001 Professore I Fascia Università degli Studi di CATANIA

### Pubblicazioni scientifiche

#### Pubblicazioni principali

##### 1. 2012 - Articolo in rivista

*Abreu P, Aglietta M, Ahlers M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Almela A, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei A, Anchordoqui L, Andringa S, Antici'c T, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenier M, Avila G, Backer T, Badescu AM, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Bellettoile 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, Brancus I, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caccianiga B, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Diaz JC, Chudoba J, Cilmo M, 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, del Peral L, del Rio M, Deligny O, Dembinski H, Dhita N, Di Giulio C, Castro MLD, Diep R, Diogo F, 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, Espadana J, Etchegoyen A, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenke ED, Fratu O, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Roca STG, Garcia-Gomez D, Garcia-Pinto D, Gascon A, Gemmeke H, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Vitale PFG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gorgi A, Gouffon P, 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, Kaper 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, Kuempe D, Kulbartz JK, Kunka N, La Rosa G, Lachaud C, Lauer R, Lautridou P, Le Coz S, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lu L, Lucero A, Ludwig M, Lyberis H, 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, Maure D, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Mi'canović S, Micheletti MI, Minaya IA, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragaigne DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Mostafa M, Moura CA, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necesal P, Nellen L, Nelles A, Neuser J, Nhung PT, Niechcio M, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Hotta JP, Palmieri N, Parente G, Parizot E, Parra A, 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, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Porcelli A, Privitera P, Prouza M, Quel EJ, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso M, Ristori P, Rivera H, Rizi V, Roberts J, 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, Saftoiu A, 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, Scholten O, Schoorlemmer H, Schovancova J, Schovanek P, Schroder F, Schulte S, Schuster D, Sciuotto SJ, Scuderi M, Segreto A, Settimi M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HHS, Sima O, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Srivastava YN, Stanic S, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tapia A, Tartare M, Tascau O, Ruiz CGT, Tcaciuc R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tkaczyk W, Peixoto CJT, Toma G, 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, Walz D, Watson AA, Weber M, Weidenhaupt K, Weind A, Werner F, Westerhoff S, Whelan BJ, Widom A, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, 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, Zhu Y, Silva MZ, Ziolkowski M (2012). A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, ISSN: 1475-7516, doi: 10.1088/1475-7516/2012/04/040*

2. 2011 - Articolo in rivista  
*De Domenico M, Insolia A, Lyberis H, Scuderi M (2011). Multiscale autocorrelation function: a new approach to anisotropy studies. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, ISSN: 1475-7516, doi: 10.1088/1475-7516/2011/03/008*
3. 2010 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). Measurement of the depth of maximum of Extensive Air Shower above  $10^{18}$  eV. PHYSICAL REVIEW LETTERS, vol. 104, p. 091101-091107, ISSN: 0031-9007*
4. 2010 - Articolo in rivista

- J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2010). Measurement of the energy spectrum of cosmic rays above  $10^{18}$  eV using the Pierre Auger Observatory. PHYSICS LETTERS. SECTION B, vol. B685, p. 239-245, ISSN: 0370-2693*
5. 2008 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2008). Evidence for suppression of the flux of cosmic rays above  $4 \times 10^{19}$  eV. PHYSICAL REVIEW LETTERS, vol. 101, p. 061101-061107, ISSN: 0031-9007*
  6. 2003 - Articolo in rivista  
*INSOLIA A, ET AL (2003). Anisotropic alpha decay in Am, Es and Fm isotopes. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 67, p. 54317, ISSN: 0556-2813*
  7. 2002 - Articolo in rivista  
*INSOLIA A, ET AL (2002). Multifragmentation and the Phase Transition: A Systematic Study of the MF of 1A GeV Au, La, and Kr. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 65, p. 054617, ISSN: 0556-2813*
  8. 2001 - Articolo in rivista  
*SRIVASTAVA B. K, ALBERGO S., BIESER F, BRADY F. P, CACCIA Z, CEBRA D. A, CHACON A. D, CHANCE J. L, CHOI Y, COSTA S, ELLIOTT J. B, GILKES M. L, HAUGER J. A, HIRSCH A. S, HJORT E. L, INSOLIA A, JUSTICE M, KEANE D, KINTNER J. C, LINDEMSTRUTH V, LISA M. A, MATIS H. S, MCMAHAN M, MCPARLAND C, MLLER W. F, OLSON D. L, PARTLAN M. D, PORILE N. T, POTENZA R, RAI G, RASMUSSEN J, RITTER H. G, ROMANSKI J, ROMERO J. L, RUSSO G. V, SANN H, SCHARENBERG R. P, SCOTT A, SHAO Y, SYMONS T. J, TINCKNELL M, TUV C, WANG S, WARREN P, WIEMAN H. H, WIENOLD T, WOLF K (2001). Thermal phase transition in nuclear multifragmentation: The role of Coulomb energy and finite size. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 64, p. 041605-041616, ISSN: 0556-2813*
  9. 2001 - Articolo in rivista  
*INSOLIA A (2001). An update on the strangeness production measurements and Ho di-baryon search as performed by the AGS Experiment 896. JOURNAL OF PHYSICS. G, NUCLEAR AND PARTICLE PHYSICS, vol. 27, p. 311, ISSN: 0954-3899*
  10. 2000 - Contributo in Atti di convegno  
*L.G. MORETTO, J.B. ELLIOTT, L. PHAIR, G.J. WOZNIAK S. ALBERGO, INSOLIA A, ET AL (2000). Nuclear Multifragmentation, percolation and the Fisher Droplet Model: common features of reducibility and thermal scaling. p. 469-480, MILANO: Univ. di Milano*
  11. 2000 - Articolo in rivista  
*INSOLIA A, ET AL (2000). Statistical signatures for critical behavior in small systems. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 62, p. 64603, ISSN: 0556-2813*
  12. 1998 - Articolo in rivista  
*R.G. LOVAS, R.J. LIOTTA, INSOLIA A, K. VARGA, D.S. DELION (1998). Microscopic Theory of Cluster Radioactivity. PHYSICS REPORTS, vol. 294, p. 265-362, ISSN: 0370-1573*
  13. 1994 - Articolo in rivista  
*M.L. Gilkes et al., Insolia A, EOS Collaboration (1994). The Determination of critical exponents from the multifragmentation of gold nuclei. . PHYSICAL REVIEW LETTERS, vol. 73, p. 1590-1593, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.73.1590*
  14. 1984 - Articolo in rivista  
*CATARA F, INSOLIA A, MAGLIONE E, VITTURI A (1984). RELATION BETWEEN PAIRING CORRELATIONS AND 2-PARTICLE SPACE CORRELATION. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 29, p. 1091-1094, ISSN: 0556-2813, doi: 10.1103/PhysRevC.29.1091*
  15. 1983 - Articolo in rivista  
*CATARA P, INSOLIA A, MAGLIONE E, VITTURI A (1983). ROLE OF HIGH MULTIPOLE PAIRS IN THE DESCRIPTION OF DEFORMED-NUCLEI. PHYSICS LETTERS. SECTION B, vol. 123, p. 375-378, ISSN: 0370-2693, doi: 10.1016/0370-2693(83)90975-9*

#### Altre Pubblicazioni

1. 2012 - Articolo in rivista  
*Abreu P, Aglietta M, Ahlers M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Almela A, 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, Badescu*

AM, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Bellettoile 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, Brancus I, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caccianiga B, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Diaz JC, 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, del Peral L, del Rio M, Deligny O, Dembinski H, Dhital N, Di Giulio C, Castro MLD, Diep PN, Diogo F, 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, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Fratu O, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Roca STG, Garcia-Gomez D, Garcia-Pinto D, Gascon A, Gemmeke H, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Vitale PFG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gorgi A, Gouffon P, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, 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, Huber D, 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, La Rosa G, Lachaud C, Lauer R, Lautridou P, Le Coz S, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguera AL, Louedec K, Bahilo JL, Lu L, Lucero A, Ludwig M, Lyberis H, 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, Maurel D, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Micanovic S, Micheletti MI, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragaigne DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Mostafa M, Moura CA, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necesal P, Nellen L, Nelles A, Neuser J, Newton D, Nhung PT, Niechciol M, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Nyklicek M, Oehlschlager J, Olinto A, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, 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, Pfendner C, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Porcelli A, Privitera P, Prouza M, Quel EJ, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso M, Ristori P, Rivera H, Rizi V, Roberts J, 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, Saftoiu A, 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, Scholten O, Schoorlemmer H, Schovancova J, Schovanek P, Schroder F, Schulte S, Schuster D, Sciumto SJ, Scuderi M, Segreto A, Settimi M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HHS, Sima O, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Srivastava YN, Stanic S, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tapia A, Tartare M, Tascau O, Ruiz CGT, Tcacuci R, Tegolo D, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tkaczyk W, Peixoto CJT, Toma G, 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, Walz D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Werner F, Westerhoff S, Whelan BJ, Widom A, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, 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, Zhu Y, Silva MZ, Ziolkowski M (2012). Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory (vol 84, 122005, 2011). PHYSICAL REVIEW D, PARTICLES, FIELDS, GRAVITATION, AND COSMOLOGY, vol. 85, ISSN: 1550-7998, doi: 10.1103/PhysRevD.85.029902

## 2. 2012 - 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, Baum J, Beatty JJ, Becker BR, Becker KH, Bellettole 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, Brujin 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'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, 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, Gaier 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, 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, 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, Ragaigne 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, 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, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso 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, 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, Scitto SJ, Scuderi M, Segreto A, Settimi M, Shadkam A, Shellard RC, Sidelnik I, Sigl G, Lopez HRS, 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, Tcaciu 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 B, 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 (2012). Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. ASTROPARTICLE PHYSICS, vol. 35, p. 354-361, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2011.10.004*

3. 2012 - 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, Bellettoile 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 MS, 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, Coppers 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, 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'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, 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, Gaier R, Gammarra 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, Ragaigne 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, 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, 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, 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, Strazzera 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, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2012). *The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray Showers detected by the Pierre Auger Observatory* (vol 35, pg 266, 2011). *ASTROPARTICLE PHYSICS*, vol. 35, p. 681-684, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2012.02.005

4. 2012 - Articolo in rivista  
 Abreu P, Aglietta M, Ahlers M, Ahn EJ, Albuquerque IFM, Allard D, Allekotte I, Allen J, Allison P, Almela A, 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, Badescu AM, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Bauml J, Beatty JJ, Becker BR, Becker KH, Bellettoile 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, Brancus I, Brogueira P, Brown WC, Bruijn R, Buchholz P, Bueno A, Burton RE, Caballero-Mora KS, Caccianiga B, Caramete L, Caruso R, Castellina A, Catalano O, Cataldi G, Cazon L, Cester R, Chauvin J, Cheng SH, Chiavassa A, Chinellato JA, Diaz JC, Chudoba J, Clay RW, Coluccia MR, Conceicao R, Contreras F, Cook H, Cooper MJ, Coppens J, Cordiera A, Couto S, Covault CE, Creusota A, Criss A, Cronin J, Curutiu A, Dagoret-Campagne S, Dallier R, Daniel B, 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, de Mello Neto JRT, De Mitri I, de Souza V, de Vries KD, del Peral L, del Rio M, Deligny O, Dembinski H, Dhital N, Di Giulio C, Castro MLD, Diep PN, Diogo F, 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, Luis PFS, Tapia IF, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Fick B, Filevich A, Filipcic A, Fliescher S, Fracchiolla CE, Fraenkel ED, Fratu O, Frohlich U, Fuchs B, Gaior R, Gamarra RF, Gambetta S, Garcia B, Roca STG, Garcia-Gamez D, Garcia-Pinto D, Gascon A, Gemmeke H, Ghia PL, Giaccari U, Giller M, Glass H, Gold MS, Golup G, Albaracin FG, Berisso MG, Vitale PFG, Goncalves P, Gonzalez D, Gonzalez JG, Gookin B, Gorgi A, Gouffon P, Grashorn E, Grebe S, Griffith N, Grigat M, Grillo AF, Guardincerri Y, Guarino F, Guedes GP, Guzman A, Hansen P, Harari D, 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, Huber D, 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, La Rosa G, Lachaud C, LaHurd D, Latronico L, Lauer R, Lautridou P, Le Coz S, Leao MSAB, Lebrun D, Lebrun P, de Oliveira MAL, 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 JA, Matthiae G, Maurel D, Maurizio D, Mazur PO, Medina-Tanco G, Melissas M, Melo D, Menichetti E, Menshikov A, Mertsch P, Meurer C, Mi'canović S, Micheletti MI, Minaya IA, Miramonti L, Molina-Bueno L, Mollerach S, Monasor M, Ragaigne DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Mostafa M, Moura CA, Muller MA, Muller G, Munchmeyer M, Mussa R, Navarra G, Navarro JL, Navas S, Necesal P, Nellen L, Nelles A, Neuser J, Nhung PT, Niechciol M, Niemietz L, Nierstenhoefer N, Nitz D, Nosek D, Nozka L, Oehlschlager J, Olinto A, Ortiz M, Pacheco N, Selmi-Dei DP, Palatka M, Pallotta J, Palmieri N, Parente G, Parizot E, Parra A, 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, Pfendner C, Piegaia R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Porcelli A, Privitera P, Prouza M, Quel EJ, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso M, Ristori P, Rivera H, Rizi V, Roberts J, 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, Saftoiu A, 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, 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, Sima O, Smialkowski A, Smida R, Snow GR, Sommers P, Sorokin J, Spinka H, Squartini R, Srivastava

- YN, Stanic S, Stapleton J, Stasielak J, Stephan M, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Susa T, Sutherland MS, Swain J, Szadkowski Z, Szuba M, Tapia A, Tartare M, Tascau O, Ruiz CGT, Tcaciuc R, Thao NT, Thomas D, Tiffenberg J, Timmermans C, Tkaczyk W, Peixoto CJT, Toma G, Tomankova L, 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, VargasCardenas B, Vazquez JR, Veberic D, Verzi V, Vicha J, Videla M, Villasenor L, Wahlberg H, Wahrlich P, Wainberg O, Walz D, Watson AA, Weber M, Weidenhaupt K, Weindl A, Werner F, Westerhoff S, Whelan BJ, Widom A, Wiczorek G, Wiencke L, Wilczynska B, Wilczynski H, Will M, Williams C, Winchen T, 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, Zhu Y, Silva MZ, Ziolkowski M (2012). Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). *ASTROPARTICLE PHYSICS*, vol. 35, p. 591-607, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2011.12.002
5. 2012 - Articolo in rivista  
*De Domenico M, Insolia A (2012). Entropic Approach to Multiscale Clustering Analysis. ENTROPY*, vol. 14, p. 865-879, ISSN: 1099-4300, doi: 10.3390/e14050865
6. 2011 - Articolo in rivista  
*Abreu P, Aglietta M, Ahn EJ, Allard D, Allekotte I, Allen J, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei 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, Bellettoile A, Bellido JA, BenZvi S, Berat C, Bergmann T, 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, 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 Mitter 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'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, 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, Kadja 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, Ragaigne 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, Necesal 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, 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, Risso 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'Orfeuil 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, Schovanek 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, 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, Venters T, 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, Yushkov A, Zamorano B, Zas E, Zavrtanik D, Zavrtanik M, Zaw I, Zepeda A, Ziolkowski M (2011). *The Pierre Auger Observatory scalar mode for the study of solar activity modulation of galactic cosmic rays.* JOURNAL OF INSTRUMENTATION, vol. 6, ISSN: 1748-0221, doi: 10.1088/1748-0221/6/01/P01003

7. 2011 - Articolo in rivista

Abreu P, Aglietta M, Ahn EJ, Allard D, Allekotte I, Allen J, Castillo JA, Alvarez-Muniz J, Ambrosio M, Aminaei 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, Bellette A, Bellido JA, BenZvi S, Berat C, Bergmann T, 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, 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'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, Luis PFS, Falcke H, Farrar G, Fauth AC, Fazzini N, Ferguson AP, Ferrero A, Fick B, Filevich A, Filipcic 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 JA, 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, Ragaigne 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, Necesal 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, Risso 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'Orfeuil 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, 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, 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.* ASTROPARTICLE PHYSICS, vol. 34, p. 368-381, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2010.10.001

8. 2011 - 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, 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, 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'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, 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, Albaracin 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, Kleineller 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, Ragaigne 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, 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, 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, Risso 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, Schovanek 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, Tascau 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, 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. *ASTROPARTICLE PHYSICS*, vol. 34, p. 627-639, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2010.12.007

9. 2011 - 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, 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, 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'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, 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, Kadja 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, Ragaigne 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, Nhungh 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, Risso 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 J, Schovanek 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, Tascau 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, 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. 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*
10. 2011 - Contributo in Atti di convegno  
*M. SCUDERI, M. DE DOMENICO, INSOLIA A (2011). A multiscale autocorrelation function for anisotropy studies. In: Data Analysis in Astronomy. Centro E. Majorana - Erice, 15-20, aprile 2011, SINGAPORE: World Scientific*
  11. 2011 - Articolo in rivista  
*R. CARUSO, INSOLIA A, THE P. AUGER COLLABORATION (2011). Recent results from the Pierre Auger Observatory. ASTROPHYSICS AND SPACE SCIENCES TRANSACTIONS, vol. 7, p. 1-7, ISSN: 1810-6528*
  12. 2011 - Articolo in rivista  
*INSOLIA A (2011). General overview of recent Results from the Pierre Auger Observatory. IL NUOVO CIMENTO C, vol. 34, p. 75-84, ISSN: 2037-4909*
  13. 2011 - 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, Bellettoile 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, 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, Dekerprit G, del Peral L, Deligny O, Dembinski H, Dhital N, Di Giulio C, Diaz JC, Castro MLD, Diep PN, Dobrigkeit C, Docters W, D'Olivio JC, Dong PN, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, Dutan I, Ebr TJ, Engel R, Erdmann M, Escobar CO, Etchegoyen A, San Luis PF, 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, Marini 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, Mitanovic S, Micheletti MI, Miller W, Miramonti L, Mollerach S, Monasor M, Ragaigne 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, Nazka L, Nyklicek M, Oehischlager 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, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggis 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, Rossier 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, Schovaneky P, Schroder F, Schulte S, Schuster D, Scillito SJ, Scuderi M, Segreto A, Settimi 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, 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, 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*

14. 2011 - 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, Baum J, Beatty JJ, Becker BR, Becker KH, Bellette 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, 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, 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, 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, Lemiere A, Letessier-Selvon A, Lhenry-Yvon I, Link K, Lopez R, Aguer A, 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, Ragaigne 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, 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, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso 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, Tascau O, Ruiz CGT, Tcaciu 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, 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
15. 2011 - Articolo in rivista  
 Abreu P, Aglietta M, Ahn EJ, Albuquerque LFM, Allard D, Allekotte I, Allen J, Allison P, Castio JA, Alvarez-Muniz J, Ambrosio M, Amanei A, Anchordoqui L, Andringa S, Anticic T, Anzalone A, Aramo C, Arganda E, Arqueros F, Asorey H, Assis P, Aublin J, Ave M, Avenir 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, Bellette 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 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'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, 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, Gaivor 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 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 JA, 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, Ragaigne 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, 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, Piegai R, Pierog T, Pieroni P, Pimenta M, Pirronello V, Platino M, Ponce VH, Pontz M, Privitera P, Prouza M, Quel EJ, Querfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso 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'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, Sciumto SJ, Scuderi M, Segreto A, Settimi 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, 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, 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
16. 2011 - Articolo in rivista  
*Abreu P, Aglietta M, Ahn EJ, Albuquerque JFM, 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 N, Avila G, Backer T, Balzer M, Barber KB, Barbosa AF, Bardenet R, Barroso SLC, Baughman B, Baum J, Beatty JJ, Becker BR, Becker KH, Bellettoile 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'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, 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, Ragaigne 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, Querchfeld S, Rautenberg J, Ravel O, Ravignani D, Revenu B, Ridky J, Riggi S, Risso 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, 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, 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, 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

## 17. 2010 - Articolo in rivista

J. ABRAHAM ET AL, INSOLIA A, PIERRE AUGER COLLABORATION (2010). The Fluorescence Detector of the Pierre Auger Observatory. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. A620, p. 227-247, ISSN: 0168-9002

## 18. 2010 - Articolo in rivista

- J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2010). UHECR correlation with the AGN: an update. *ASTROPARTICLE PHYSICS*, vol. 34, p. 314-330, ISSN: 0927-6505
19. 2010 - Articolo in rivista  
J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2010). A study of the effect of molecular and aerosol conditions on air fluorescence measurements at the Pierre Auger Observatory. *ASTROPARTICLE PHYSICS*, vol. 33, p. 108-118, ISSN: 0927-6505
20. 2010 - Curatela  
R. CARUSO, INSOLIA A, M.C. MACCARONE, V. PIRRONELLO (a cura di) (2010). *100 YEARS OF COSMIC RAY PHYSICS: FROM PIONEERING EXPERIMENTS TO PHYSICS IN SPACE*. p. 1-400, Amsterdam:Elsevier
21. 2010 - Contributo in Atti di convegno  
INSOLIA A (2010). Recent results from the Pierre Auger Observatory. In: NPHEAP Hanoi 2010. Hanoi, November 8-11, 2010, p. 135-144, HANOI:Science and technics Publishing House
22. 2010 - Contributo in Atti di convegno  
D.KRUPPKE-HANSEN, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). Exploring the Ankle of the Cosmic Ray Spectrum with the Pierre Auger Observatory. In: Proceedings for COSPAR 2010. p. 1-10
23. 2010 - Contributo in Atti di convegno  
P. GHIA, INSOLIA A (2010). On the arrival directions of the highest energy cosmic rays detected by the Pierre Auger Observatory. In: CRIS 2010. p. 1-10, Amsterdam:Elsevier
24. 2010 - Contributo in Atti di convegno  
BRUCE DAWSON, INSOLIA A, THE P. AUGER COLLABORATION (2010). Highlights from the Pierre Auger Observatory. In: Proceedings for UHECR2010. Nagoya, Japan, Dicembre 2010, p. 1-10, NAGOYA:UHECR 2010
25. 2010 - Contributo in Atti di convegno  
K.H. KAMPERT, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). Recent Results from the Pierre Auger Observatory. In: ICHEP 2010 Conference Conference. p. 1
26. 2010 - Contributo in Atti di convegno  
V.DE SOUZA, INSOLIA A, THE P. AUGER COLLABORATION (2010). Results from the Pierre Auger Observatory. In: School on Cosmic Rays and Astrophysics. p. 1-10, SAN PAOLO:Cosmic Ray School
27. 2010 - Contributo in Atti di convegno  
G. MATTHIAE, INSOLIA A, THE P. AUGER COLLABORATION (2010). New results from the Pierre Auger Observatory. In: Proceedings of the SCINEGHE 2010 Conference. p. 1-10
28. 2010 - Contributo in Atti di convegno  
E. ROULET, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). Latest results from the Pierre Auger Observatory. In: Proceedings of the Hector Rubinstein Memorial Symposium, Stockholm 2010. p. 1-10, STOCKOLMA:Manne Siegbahn Institute
29. 2010 - Contributo in Atti di convegno  
A. ANZALONE, D. TEGOLO, F. ISGRO', INSOLIA A, THE P. AUGER COLLABORATION (2010). Removal of Streaking Artefact in the Images of the Pierre Auger Observatory Infra Red Cameras. In: cris 2010. CATANIA, settembre 2010, p. 1-6
30. 2010 - Contributo in Atti di convegno  
V. SCHERINI, INSOLIA A, THE P. AUGER COLLABORATION (2010). Search for primary photons and neutrinos in the Ultra-High Energy Cosmic Rays with the Pierre Auger Observatory. In: CRIS 2010. CATANIA, settembre 2010, p. 1-8, Amsterdam:Elsevier
31. 2010 - Articolo in rivista  
J. ABRAHAM ET AL, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). The Northern site of the Pierre Auger Observatory. *NEW JOURNAL OF PHYSICS*, vol. 12, p. 035001-035010, ISSN: 1367-2630
32. 2010 - Articolo in rivista  
R. MELISSAS, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). Overview on radio-detection of cosmic ray air showers and prospects for a large scale experiment. *ASTROPHYSICS AND SPACE SCIENCES TRANSACTIONS*, vol. 7, p. 1-10, ISSN: 1810-6528
33. 2010 - Articolo in rivista  
J. ABRAHAM ET AL, INSOLIA A, THE PIERRE AUGER COLLABORATION (2010). Trigger and aperture of the Surface Detector of the Pierre Auger Observatory. *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT*, vol. A613, p. 29-39, ISSN: 0168-9002

34. 2009 - Articolo in rivista  
*PIERRE AUGER COLLABORATION, J. ABRAHAM ET AL, INSOLIA A (2009). Upper Limit of the cosmic ray photon fraction at EeV energies from the Pierre Auger Observatory. ASTROPARTICLE PHYSICS, vol. 31, p. 399-406, ISSN: 0927-6505*
35. 2009 - Contributo in Atti di convegno  
*J. ABRAHAM ET AL, INSOLIA A (2009). Operations of and future plans for the Pierre Auger Observatory. In: ICRC 2009 - Proceedings. July 2009, p. 1-42, LODZ:ICRC*
36. 2009 - Contributo in Atti di convegno  
*MACCARONE M. C, O. CATALANO, G. LA ROSA, A. SEGRETO, R. CARUSO, INSOLIA A (2009). The UVscope instrument in the framework of ground-based cosmic ray fluorescence observatories. In: Origin, Mass Composition and Acceleration Mechanisms of UHECRs. vol. 190, p. 255-260, Amsterdam:Elsevier*
37. 2009 - Contributo in Atti di convegno  
*J. ABRAHAM ET AL, INSOLIA A (2009). The cosmic ray spectrum and related measurements with the Pierre Auger Observatory. In: ICRC 2009 Proceedings. Lodz - Polonia, 2009, p. 1-26, LODZ:ICRC*
38. 2009 - Contributo in Atti di convegno  
*J. ABRAHAM ET AL, INSOLIA A (2009). Studies of cosmic ray composition and air shower structure with the Pierre Auger Observatory. In: ICRC 2009 Proceedings. 2009, p. 1-31, LODZ:ICRC*
39. 2009 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2009). Atmospheric effect on extensive air shower observed with the surface detector of the Pierre Auger Observatory. ASTROPARTICLE PHYSICS, vol. 32, p. 89-99, ISSN: 0927-6505*
40. 2009 - Contributo in Atti di convegno  
*MACCARONE M. C, O. CATALANO, G. LA ROSA, A. SEGRETO, R. CARUSO, INSOLIA A (2009). The UVscope instrument in the framework of ground-based cosmic ray fluorescence observatories. In: ICRC 2009. Lodz - Polonia, july 2009, p. 1-6, LODZ:ICRC*
41. 2009 - Contributo in Atti di convegno  
*J. ABRAHAM ET AL, INSOLIA A (2009). Calibration and Monitoring of the Pierre Auger observatory. In: ICRC 2009 Proceedings. 2009, p. 1-29, LODZ:ICRC*
42. 2009 - Contributo in Atti di convegno  
*J. ABRAHAM ET AL, INSOLIA A (2009). Astrophysical sources of cosmic rays and related measurements with the Pierre Auger Observatory. In: ICRC 2009 Proceedings. 2009, p. 1-44, LODZ:ICRC*
43. 2009 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, PIERRE AUGER COLLABORATION (2009). Limit of the diffuse flux of Ultra High Energy tau neutrinos with the surface detector of the Pierre Auger Observatory. PHYSICAL REVIEW D, PARTICLES, FIELDS, GRAVITATION, AND COSMOLOGY, vol. 79, p. 102001-1-102001-15, ISSN: 1550-7998*
44. 2008 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2008). Correlations of the highest-energy cosmic rays with the positions with nearby active galactic nuclei. ASTROPARTICLE PHYSICS, vol. 29, p. 188-204, ISSN: 0927-6505*
45. 2008 - Curatela  
*R. CARUSO, INSOLIA A, A. LETESSIER-SELVON, V. PIRRONELLO (a cura di) (2008). Origin, Mass Composition and Acceleration Mechanisms of UHECRs. vol. 190, p. 1-328, Amsterdam:Elsevier*
46. 2008 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2008). Upper limit on the Cosmic ray photon flux above  $10^{21}$  eV using the surface detector of the Pierre Auger Observatory. ASTROPARTICLE PHYSICS, vol. 29, p. 243-257, ISSN: 0927-6505*
47. 2008 - Articolo in rivista  
*J. ABRAHAM ET AL, INSOLIA A, P. AUGER COLLABORATION (2008). Upper limit of the diffuse flux of UHE tau neutrinos from the Pierre Auger Observatory. PHYSICAL REVIEW LETTERS, vol. 100, p. 211101-1-211101-7, ISSN: 0031-9007*
48. 2007 - Articolo in rivista  
*Abraham J, Aglietta M, Aguirre C, Allard D, Allekotte I, Allison P, Alvarez C, Alvarez-Muniz J, Ambrosio M, Anchordoqui L, Anjos JC, Aramo C, Arisaka K, Armengaud E, Arneodo F, Arqueros F, Asch T, Asorey H, Atulugama BS, Aublin J, Ave M, Avila G, Bacelar J, Backer T, Badagnani D, Barbosa AF, Barbosa*

HMJ, Barkhausen M, Barnhill D, Barroso SLC, Bauleo P, Beatty J, Beau T, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bergmann T, Bernardini P, Bertou X, Biermann PL, Billoir P, Blanch-Bigas O, Blanco F, Blasi P, Bleve C, Blumer H, Boghrat P, Bohacova M, Bonifazi C, Bonino R, Boratav M, Brack J, Brunet JM, Buchholz P, Busca NG, Caballero-Mora KS, Cai B, Camin DV, Capdevielle JN, Caruso R, Castellina A, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chye J, Claes D, Clark PDJ, Clay RW, Clay SB, Connolly B, Cordier A, Cotti U, Couto S, Covault CE, Cronin J, Dagoret-Campagne S, Quang TD, Darriulat P, Daumiller K, Dawson BR, de Almeida RM, de Carvalho LA, De Donato C, de Jong SJ, de Mello WJM, Neto JRTD, De Mitri I, de Oliveira MAL, de Souza V, del Peral L, Deligny O, Della Selva A, Delle Fratte C, Dembinski H, Di Giulio C, Diaz JC, Dobrigkeit C, D'Olivo JC, Dornic D, Dorofeev A, Dova MT, D'Urso D, DuVernois MA, Engel R, Epele L, Erdmann M, Escobar CO, Etchegoyen A, Ewers A, San Luis PF, Falcke H, Fauth AC, Fazio D, Fazzini N, Fernandez A, Ferrer F, Ferry S, Fick B, Filevich A, Filipcic A, Fleck I, Fokitis E, Fonte R, Fuhrmann D, Fulgione W, Garcia B, Garcia-Pinto D, Garrard L, Garrido X, Geenen H, Gelmini G, Gemmeke H, Geranios A, Ghia PL, Giller M, Gitto J, Glass H, Gobbi F, Gold MS, Albarracin FG, Berisso MG, Herrero RG, do Amaral MG, Gongora JP, Gonzalez D, Gonzalez JG, Gonzalez M, Gora D, Gorgi A, Gouffon P, Grassi V, Grillo A, Grunfeld C, Grupen C, Guarino F, Guedes GP, Gutierrez J, Hague JD, Hamilton JC, Harakeh MN, Harari D, Harmsma S, Hartmann S, Harton JL, Healy MD, Hebbeker T, Heck D, Hojvat C, Homola P, Horandel J, Horneffer A, Horvat M, Hrabovsky M, Iarlori M, Insolia A, Kaducak M, Kalashev O, Kampert KH, Keilhauer B, Kemp E, Klages HO, Kleifges M, Kleinfeller J, Knapik R, Knapp J, Koang DH, Kolotaev Y, Kopmann A, Kromer O, Kuhlman S, Kuijpers J, Kunka N, Kusenko A, Lachaud C, Lago BL, Lebrun D, LeBrun P, Lee J, Letessier-Selvon A, Leuthold M, Lhenry-Yvon I, Longo G, Lopez R, Agura AL, Lucero A, Maldera S, Malek M, Maltezos S, Mancarella G, Mancenido ME, Mandat D, Mantsch P, Mariazzi AG, Maris IC, Martello D, Martinez N, Martinez J, Martinez O, Mathes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurin G, Maurizio D, Mazur PO, McCauley T, McEwen M, McNeil RR, Medina G, Medina MC, Tanco GM, Meli A, Melo D, Menichetti E, Menshikov A, Meurer C, Meyhandan R, Micheletti MI, Miele G, Miller W, Mollerach S, Monasor M, Ragaigne DM, Montanet F, Morales B, Morello C, Moreno E, Morris C, Mostafa M, Muller MA, Mussa R, Navarra G, Nellen L, Newman-Holmes C, Newton D, Thi TN, Nichol R, Nierstenhofer N, Nitz D, Nogima H, Nosek D, Nozka L, Oehlschlager J, Ohnuki T, Olinto A, Oliveira LFA, Olmos-Gilbaja VM, Ortiz M, Ostapchenko S, Otero L, Palatka M, Pallotta J, Parente G, Parizot E, Parlati S, Patel M, Paul T, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Petrera S, Petrinca P, Petrov Y, Ngoc DP, Thi TNP, Piegaia R, Pierog T, Pisanti O, Porter TA, Pouryamout J, Prado L, Privitera P, Prouza M, Quel EJ, Rautenberg J, Reis HC, Reucroft S, Revenu B, Ridky J, Risi A, Risso M, Riviere C, Rizi V, Robbins S, Roberts M, Robledo C, Rodriguez G, Frias DR, Martino JR, Rojo JR, Ros G, Roulet E, Rovero AC, Rosado J, Roth M, Roucelle C, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santos EM, Sarkar S, Sato R, Scherini V, Schmidt T, Scholten O, Schovanek P, Schussler F, Sciutto SJ, Scuderi M, Semikoz D, Sequeiros G, Shellard RC, Siffert BB, Sigl G, Skelton P, Slater W, De Grande NS, Smialkowski A, Smida R, Smith BE, Snow GR, Sokolsky P, Sommers P, Sorokin J, Spinka H, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Swain J, Szadkowski Z, Tamashiro A, Tamburro A, Tascau O, Ticona R, Timmermans C, Tkaczyk W, Peixoto CJT, Tonachini A, Torresi D, Travnicek P, Tripathi A, Tristram G, Tscherniakhovski D, Tueros M, Tunnicliffe V, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, van Elewyck V, Vazquez RA, Veberic D, Veiga A, Velarde A, Venters T, Verzi V, Videla M, Villasenor L, Van TV, Vorobiov S, Voyvodic L, Wahlberg H, Wainberg O, Waldenmaier T, Walker P, Warner D, Watson AA, Westerhoff S, Wiebusch C, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Wileman C, Winnick MG, Xu J, Yamamoto T, Younk P, Zas E, Zavrtanik D, Zavrtanik M, Zech A, Zepeda A, Zha M, Ziolkowski M (2007). An upper limit to the photon fraction in cosmic rays above 10(19) eV from the Pierre Auger Observatory.

ASTROPARTICLE PHYSICS, vol. 27, p. 155-168, ISSN: 0927-6505, doi:

10.1016/j.astropartphys.2006.10.004

49. 2007 - Contributo in Atti di convegno

INSOLIA A, P. BAULEO, B. BECKER, J. BRACK, R. CARUSO, C. DELLA FRATTE, A. DORFEEV, J. HARTON, ET. AL (2007). The absolute, relative and multi-wavelength calibration of the Pierre Auger Observatory Fluorescence Detector. In: ICRC 2007. Mexico City, july 2007, p. 1-4

50. 2007 - Curatela

G. BELLIA, INSOLIA A (a cura di) (2007). Serway & Jewett - Principi di Fisica, traduzione effettuata sulla IV edizione americana in due volumi, Vol I pag. 1-934;. Di J. W. JEWETT, R. A. SERWAY. vol. I, p. 1-934, NAPOLI:Edises

51. 2007 - Curatela  
*G. BELLIA, INSOLIA A (a cura di) (2007). Serway & Jewett - Principi di Fisica, traduzione effettuata sulla IV edizione americana in due volumi, Vol II pag. 934-1100. Di J. W. JEWETT, R. A. SERWAY., NAPOLI: EdiSES. vol. II, p. 934-1100, NAPOLI:Edises*
52. 2007 - Altro  
*INSOLIA A (2007). Ultra High Energy Cosmic Rays at the P. Auger Observatory: Status and First Results.*
53. 2007 - Altro  
*INSOLIA A (2007). Astrofisica particellare: Il progetto Auger.*
54. 2007 - Contributo in Atti di convegno  
*S. RIGGI, R. CARUSO, INSOLIA A, M. SCUDERI (2007). A neural netowrk approach to event-by-event cosmic ray primary mass identification. In: Advanced Computing and Analysis Techniques in Physics Research. Amsterdam, 23-27 April, 2007, p. 1-13, AMSTERDAM:PoS - Proceedings of Science*
55. 2007 - Contributo in Atti di convegno  
*INSOLIA A (2007). P. Auger Observatory: Status and Preliminary Results. In: Exotic States of Nuclear Matter. Catania, 11-15 june, 2007, p. 304, SINGAPORE:World Scientific*
56. 2007 - Articolo in rivista  
*Abraham J, Aglietta M, Aguirre C, Allard D, Allekotte I, Allison P, Alvarez C, Alvarez-Muniz J, Ambrosio M, Anchordoqui L, Anjos JC, Aramo C, Arisaka K, Armengaud E, Arneodo F, Arqueros F, Asch T, Asorey H, Atulugama BS, Aublin J, Ave M, Avila G, Bacelar J, Backer T, Badagnani D, Barbosa AF, Barbosa HMJ, Barkhausen M, Barnhill D, Barroso SLC, Bauleo P, Beatty J, Beau T, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bergmann T, Bernardini P, Bertou X, Biermann PL, Billoir P, Blanch-Bigas O, Blanco F, Blasi P, Bleve C, Blumer H, Boghrat P, Bohacova M, Bonifazi C, Bonino R, Boratav M, Brack J, Brunet JM, Buchholz P, Busca NG, Caballero-Mora KS, Cai B, Camin DV, Capdevielle JN, Caruso R, Castellina A, Cataldi G, Cazon L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chye J, Claes D, Clark PDJ, Clay RW, Clay SB, Connolly B, Cordier A, Cotti U, Coutu S, Covault CE, Cronin J, Dagoret-Campagne S, Quang TD, Darriulat P, Daumiller K, Dawson BR, de Almeida RM, de Carvalho LA, De Donato C, de Jong SJ, de Mello WJM, de Mello JRT, De Mitri I, de Oliveira MAL, de Souza V, del Peral L, Deligny O, Della Selva A, Delle Fratte C, Dembinski H, Di Giulio C, Diaz JC, Dobrigkeit C, D'Olivo JC, Dornic D, Dorofeev A, Dova MT, D'Urso D, DuVernois MA, Engel R, Epele L, Erdmann M, Escobar CO, Etchegoyen A, Ewers A, San Luis PF, Falcke H, Fauth AC, Fazio D, Fazzini N, Fernandez A, Ferrer F, Ferry S, Fick B, Filevich A, Filipcic A, Fleck I, Fokitis E, Fonte R, Fuhrmann D, Fulgione W, Garcia B, Garcia-Pinto D, Garrard L, Garrido X, Geenen H, Gelmini G, Gemmeke H, Geranios A, Ghia PL, Giller M, Gitto J, Glass H, Gobbi F, Gold MS, Albarracin FG, Berizzo MG, Herrero RG, do Amaral MG, Gongora JP, Gonzalez D, Gonzalez JG, Gonzalez M, Gora D, Gorgi A, Gouffon P, Grassi V, Grillo A, Grunfeld C, Grupen C, Guarino F, Guedes GP, Gutierrez J, Hague JD, Hamilton JC, Harakeh MN, Harari D, Harmsma S, Hartmann S, Harton JL, Haungs A, Healy MD, Hebbeker T, Heck D, Hojvat C, Homola P, Horandel J, Horneffer A, Horvat M, Hrabovsky M, Huege T, Iarlori M, Insolia A, Kaducak M, Kalashev O, Kampert KH, Keilhauer B, Kemp E, Klages HO, Kleifges M, Kleinfeller J, Knapik R, Knapp J, Koang DH, Kolotaev Y, Kopmann A, Kromer O, Kuhlman S, Kuijpers J, Kunka N, Kusenko A, Lachaud C, Lago BL, Lebrun D, LeBrun P, Lee J, Letessier-Selvon A, Leuthold M, Lhenry-Yvon I, Longo G, Lopez R, Aguera AL, Lucero A, Maldera S, Malek M, Maltezos S, Mancarella G, Mancenido ME, Mandat D, Mantsch P, Mariazzi AG, Maris IC, Martello D, Martinez N, Martinez J, Martinez O, Matthes HJ, Matthews J, Matthews JAJ, Matthiae G, Maurin G, Maurizio D, Mazur PO, McCauley T, McEwen M, McNeil RR, Medina G, Medina MC, Meyhandan R, Micheletti MI, Miele G, Miller W, Mollerach S, Monasor M, Ragaigne DM, Montanet F, Morales B, Morello C, Moreno E, Morris C, Mostafa M, Muller MA, Mussa R, Navarra G, Nellen L, Newman-Holmes C, Newton D, Thi TN, Nichol R, Nierstenhofer N, Nitz D, Nogima H, Nosek D, Nozka L, Oehlschlager J, Ohnuki T, Olinto A, Oliveira LFA, Olmos-Gilbaja VM, Ortiz M, Ostapchenko S, Otero L, Palatka M, Pallotta J, Parente G, Parizot E, Parlati S, Patel M, Paul T, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Petrera S, Petrinca P, Petrov Y, Ngoc DP, Thi TNP, Piegaia R, Pierog T, Pisanti O, Porter TA, Pouryamout J, Prado L, Privitera P, Prouza M, Quel EJ, Rautenberg J, Reis HC, Reucroft S, Revenu B, Ridky J, Risi A, Risso M, Riviere C, Rizi V, Robbins S, Roberts M, Robledo C, Rodriguez G, Frias DR, Martino JR, Rojo JR, Ros G, Rosado J, Roth M, Roucelle C, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santos EM, Sarkar S, Sato R, Scherini V, Schieler H, Schmidt T, Scholten O, Schovanek P, Schussler F, Sciutto SJ, Scuderi M, Semikoz D, Sequeiros G, Shellard RC, Siffert BB, Sigl G, Skelton P, Slater W, De Grande NS, Smialkowski A, Smida R, Smith BE, Snow GR, Sokolsk P,*

- Sommers P, Sorokin J, Spinka H, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Swain J, Szadkowski Z, Tamashiro A, Tamburro A, Tascau O, Ticona R, Timmermans C, Tkaczyk W, Peixoto CJT, Tonachini A, Torresi D, Travnicek P, Tripathi A, Tristram G, Tscherniakhovski D, Tueros M, Tunnicliffe V, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, van Elewyck V, Vazquez RA, Veberic D, Veiga A, Velarde A, Venters T, Verzi V, Videla M, Villasenor L, Van TV, Vorobiov S, Voyvodic L, Wahlberg H, Wainberg O, Waldenmaier T, Walker P, Warner D, Watson AA, Westerhoff S, Wiebusch C, Wiczorek G, Wiencke L, Wilczynska B, Wilczynski H, Wileman C, Winnick MG, Xu J, Yamamoto T, Younk P, Zas E, Zavrtanik D, Zavrtanik M, Zech A, Zepeda A, Zha M, Ziolkowski M (2007). Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. *ASTROPARTICLE PHYSICS*, vol. 27, p. 244-253, ISSN: 0927-6505, doi: 10.1016/j.astropartphys.2006.11.002
57. 2007 - Articolo in rivista  
 Abraham J, Abreu P, Aglietta M, Aguirre C, Allard D, Allekotte I, Allen J, Allison P, Alvarez C, Alvarez-Muniz J, Ambrosio M, Anchordoqui L, Andringa S, Anzalone A, Aramo C, Argiro S, Arisaka K, Armengaud E, Arneodo F, Arqueros F, Asch T, Asorey H, Assis P, Atulugama BS, Aublin J, Ave M, Avila G, Backer T, Badagnani D, Barbosa AF, Barnhill D, Barroso SLC, Bauleo P, Beatty J, Beau T, Becker BR, Becker KH, Bellido JA, BenZvi S, Berat C, Bergmann T, Bernardini P, Bertou X, Biermann PL, Billoir P, Blanch-Bigas O, Blanco F, Blasi P, Bleve C, Blumer H, Bohacova M, Bonifazi C, Bonino R, Boratav M, Brack J, Brogueira P, Brown WC, Buchholz P, Bueno A, Busca NG, Caballero-Mora KS, Cai B, Camin DV, Caruso R, Carvalho W, Castellina A, Catalano O, Cataldi G, Cazon-Boado L, Cester R, Chauvin J, Chiavassa A, Chinellato JA, Chou A, Chye J, Clark PDJ, Clay RW, Colombo E, Conceicao R, Connolly B, Contreras F, Coppens J, Cordier A, Cotti U, Coutu S, Covault CE, Creusot A, Cronin J, Dagoret-Campagne S, Daumiller K, Dawson BR, de Almeida RM, De Donato C, de Jong SJ, De la Vega G, de Mello JM, de Mello JRT, De Mitri I, de Souza V, del Peral L, Deligny O, Della Selva A, Delle Fratte C, Dembinski H, Di Giulio C, Diaz JC, Dobrigkeit C, D'Olivo JC, Dornic D, Dorofeev A, dos Anjos JC, Dova MT, D'Urso D, DuVernois MA, Engel R, Epele L, Erdmann M, Escobar CO, Etchegoyen A, San Luis PF, Falcke H, Farrar G, Fauth AC, Fazzini N, Fernandez A, Farrar G, Fauth AC, Fazzini N, Fernandez A, Ferrer F, Ferry S, Fick B, Filevich A, Filipcic A, Fleck I, Fonte R, Fracchiolla CE, Fulgione W, Garcia B, Gamez DG, Garcia-Pinto D, Garrido X, Geenen H, Gelmini G, Gemmeke H, Ghia PL, Giller M, Glass H, Gold MS, Golup G, Albarracin FG, Berisso MG, Herrero RG, Goncalves P, do Amaral MG, Gonzalez D, Gonzalez JG, Gonzalez M, Gora D, Gorgi A, Gouffon P, Grassi V, Grillo A, Grunfeld C, Guardincerri Y, Guarino F, Guedes GP, Gutierrez J, Hague JD, Hamilton JC, Hansen P, Harari D, Harmsma S, Harton JL, Haungs A, Hauschmidt T, Healy MD, Hebbeker T, Heck D, Hojvat C, Holmes VC, Homola P, Horandel J, Horneffer A, Horvat M, Hrabovsky M, Huege T, Iarlori M, Insolia A, Ionita F, Italiano A, Kaducak M, Kampert KH, Keilhauer B, Kemp E, Kieckhafer RM, Klages HO, Kleifges M, Kleinfeller J, Knapik R, Knapp J, Koang DH, Kopmann A, Krieger A, Kromer D, Kumpel D, Kunka N, Kusenko A, La Rosa G, Lachaud C, Lago BL, LeBrun D, LeBrun P, Lee J, Leigui de Oliveira MA, Letessier-Selvon A, Leuthold M, Lhenry-Yvon I, Lopez R, Aguera AL, Bahilo JL, Maccarone MC, Macolino C, Maldera S, Malek M, Mancarella G, Mancenido ME, Mandat D, Mantsch P, Mariazzi AG, Maris IC, Martello D, Martinez J, Bravo OM, Mathes HJ, Matthiae G, Maurizio D, Mazur PO, McCauley T, McEwen M, McNeil RR, Medina MC, Medina-Tanco G, Meli A, Melo D, Menichetti E, Menschikov A, Meurer C, Meyhandan R, Micheletti MI, Miele G, Miller W, Mollerach S, Monasor M, Ragaigne DM, Montanet F, Morales B, Morello C, Moreno E, Moreno JC, Morris C, Mostafa M, Muller MA, Mussa R, Navarra G, Navarro JL, Navas S, Nellen L, Newman-Holmes C, Newton D, Thi TN, Nierstenhofer N, Nitz D, Nosek D, Nozka L, Oehlschlager J, Ohnuki T, Olinto A, Olmos-Gilbaja VM, Ortiz M, Ostapchenko S, Otero L, Selmi-Dei DP, Palatka M, Pallotta J, Parente G, Parizot E, Parlati S, Pastor S, Patel M, Paul T, Pavlidou V, Payet K, Pech M, Pekala J, Pelayo R, Pepe IM, Perrone L, Petrera S, Petrinca P, Petrov Y, Ngoc DP, Ngoc DP, Thi TNP, Pichel A, Piegaia R, Pierog T, Pimenta M, Pinto T, Pirronello V, Pisanti O, Platino M, Pochon J, Porter TA, Privitera P, Prouza M, Quel EJ, Rautenberg J, Reucroft S, Revenu B, Rezende FAS, Ridky J, Riggi S, Risso M, Riviere C, Rizi V, Roberts M, Robledo C, Rodriguez G, Frias D, Martino JR, Rojo JR, Rodriguez-Cabo I, Ros G, Rosado J, Roth M, Rouille-d'Orfeuil B, Roulet E, Rovero AC, Salamida F, Salazar H, Salina G, Sanchez F, Santander M, Santo CE, Santos EM, Sarazin F, Sarkar S, Sato R, Scherini V, Schieler H, Schmidt F, Schmid T, Scholten O, Schovanek P, Schussler F, Sciutto SJ, Scuderi M, Segreto A, Semikoz D, Settimo M, Shellard RC, Sidelnik I, Siffert BB, Sigl G, De Grande NS, Smialkowski A, Smida R, Smith AGK, Smith BE, Snow GR, Sokolsky P, Sommers P, Sorokin J, Spinka H, Squartini R, Strazzeri E, Stutz A, Suarez F, Suomijarvi T, Supanitsky AD, Sutherland MS, Swain J, Szadkowski Z, Takahashi J, Tamashiro A, Tamburro A, Tascau O, Tcaciuc R, Thomas D,

- Ticona R, Tiffenberg J, Timmermans C, Tkaczyk W, Peixoto CJ, Tome B, Tonachini A, Torresi D, Travnicek P, Tripathi A, Tristram G, Tscherniakhovski D, Tueros M, Tunnicliffe V, Ulrich R, Unger M, Urban M, Galicia JFV, Valino I, Valore L, van den Berg AM, van Elewyck V, Vazquez RA, Veberic D, Veiga A, Velarde A, Venters T, Verzi V, Videla M, Villasenor L, Vorobiov S, Voyvodic L, Wahlberg H, Wainberg O, Waldenmaier T, Walker P, Warner D, Watson AA, Westerhoff S, Wieczorek G, Wiencke L, Wilczynska B, Wilczynski H, Wileman C, Winnick MG, Wu H, Wundheiler B, Xu J, Yamamoto T, Younk P, Zas E, Zavrtanik D, Zavrtanik M, Zech A, Zepeda A, Ziolkowski M (2007). Correlation of the highest-energy cosmic rays with nearby extragalactic objects. *SCIENCE*, vol. 318, p. 938-943, ISSN: 0036-8075, doi: 10.1126/science.1151124
58. 2006 - Contributo in volume (Capitolo o Saggio)  
*V. PIRRONELLO, G. MANICO', E. CONGIU, G. VIDALI, INSOLIA A, R. CARUSO (2006). The Galactic Interstellar Medium: an Overview. In: EDITORS R. CARUSO, R. FONTE, A. INSOLIA E V. PIRRONELLO. Ultra High Energy Cosmic Rays: Status and Perspectives. p. 87-92, Amsterdam:Elsevier*
59. 2006 - Curatela  
*R. CARUSO, R. FONTE, INSOLIA A, V. PIRRONELLO (a cura di) (2006). Ultra High energy cosmic rays: Status and perspectives. p. 1-365, Amsterdam:Elsevier*
60. 2006 - Altro  
*M. SCUDERI, CARUSO R., D.D'URSO, R.FONTE, F.GUARINO, INSOLIA A, D.TORRESI (2006). Alignment method of the Pierre Auger Observatory fluorescence detector based on the Central Laser Facility events. p. 1-11*
61. 2006 - Altro  
*INSOLIA A (2006). High Energy Cosmic Rays.*
62. 2006 - Altro  
*INSOLIA A (2006). Status of the P. Auger Project.*
63. 2005 - Articolo in rivista  
*INSOLIA A, U. LOMBARDO, G. RUSSO, N. SANDULESCU (2005). Momentum Dependent Mean Field in pi\_0 Production in Nb + Nb Collisions. THE EUROPEAN PHYSICAL JOURNAL. A, HADRONS AND NUCLEI, vol. 24, p. 389-394, ISSN: 1434-6001*
64. 2005 - Articolo in rivista  
*M. AMBROSIO, C. ARAMO, C. DONALEK, D. D'URSO, A. ERLYKIN, F. GUARINO, INSOLIA A, G. LONGO (2005). Comparison between methods for the determination of the primary cosmic ray mass composition..... ASTROPARTICLE PHYSICS, vol. 24, p. 355-371, ISSN: 0927-6505*
65. 2005 - Contributo in Atti di convegno  
*CARUSO R., INSOLIA A, PETRERA S, PRIVITERA P, SALAMIDA F, VERZI V (2005). Measurements of the Sky Photon Background Flux at the Auger Observatory. In: 29th International Cosmic Ray Conference (ICRC 2005). Pune,India, 3-11 Aug 2005, vol. 8, p. 117-120, MUMBAI:s.c.tonwar chairman*
66. 2005 - Contributo in Atti di convegno  
*CARUSO R., FONTE R, INSOLIA A, PETRERA S, RODRIGUEZ MARTINO J (2005). Quality studies of the data taking conditions for the Auger Fluorescence Detector. In: 29th International Cosmic Ray Conference (ICRC 2005). Pune,India, 3-11 Aug 2005, vol. 8, p. 101-104, MUMBAI:s.c.tonwar chairman*
67. 2005 - Contributo in volume (Capitolo o Saggio)  
*M.AMBROSIO, C.ARAMO, D.D'URSO, A.D.ERLYKIN, F.GUARINO, INSOLIA A (2005). A new multiparametric topological method for determining the primary cosmic ray mass composition in the knee energy region. In: F. GIOVANNELLI G. MANNOCHI. Frontier Objects in Astrophysics and Particle Physics. p. 481-487, BOLOGNA:Italian Physical Society, Editrice Compositori,*
68. 2005 - Contributo in volume (Capitolo o Saggio)  
*C. ARAMO, INSOLIA A, . ET AL (2005). Optical relative calibration and stability monitoring for the Auger Fluorescence Detector. In: S.C. TONWAR CHAIRMAN. International Cosmic Ray Conference - ICRC 2005. vol. 8, p. 125-128, MUMBAI:Tata Institute of fundamental research*
69. 2005 - Contributo in volume (Capitolo o Saggio)  
*R. CARUSO, R. FONTE, INSOLIA A, S. PETRERA AND J. RODRIGUEZ MARTINO (2005). Quality studies of the data taking conditions for the Auger Fluorescence Detector. In: S.C. TONWAR CHAIRMAN. Internazional Cosmic Ray Conference - ICRC 2005. vol. 8, p. 101-104, MUMBAI:Tata Institute of fundamental research*
70. 2005 - Articolo in rivista

- C. ARAMO, INSOLIA A, G. MIELE, L. PERRONE, O. PISANTI, ET AL (2005). *Tau neutrinos observations with the P. Auger Observatory Fluorescence*. ASTROPARTICLE PHYSICS, vol. 23, p. 65-77, ISSN: 0927-6505
71. 2004 - Articolo in rivista  
*M. AMBROSIO, C. ARAMO, D. D'URSO, A.D. ERLYKIN, INSOLIA A (2004). Determination of the primary cosmic ray mass composition from the longitudinal development of atmospheric cascades.* NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, vol. 136, p. 301-305, ISSN: 0920-5632
72. 2004 - Contributo in volume (Capitolo o Saggio)  
*C. ARAMO, M. AMBROSIO, C. DONALEK, D. D'URSO, A.D. ERLYKIN, F. GUARINO, INSOLIA A, G. LONGO, R. TAGLIAFERRI (2004). On the way to the determination of the cosmic ray mass composition by the P. Auger Fluorescence Detector: the Minimum Momentum Method. In: G. MIELE AND G. LONGO. Thinking, Observing and Mining the Universe. p. 13-19, SINGAPORE:World Scientific*
73. 2004 - Contributo in volume (Capitolo o Saggio)  
*INSOLIA A, D.S. DELION, R.J. LIOTTA (2004). Alpha decay in deformed nuclei: application to Fr, Es and Fm isotopes. In: W. GREINER, ITKIS M.G., REINHARDT, J., GL M.C.. Structure and Dynamics of Elementray Matter, (Nato, Advanced Study Institute). p. 487-494, BERLINO:Springer Verlag*
74. 2004 - Contributo in volume (Capitolo o Saggio)  
*INSOLIA A, D.S. DELION, R.J. LIOTTA (2004). Alpha decay in deformed nuclei: application to Fr, Es and Fm isotopes. In: E MAGLIONE, F. SORAMEL. Proton Emitting Nuclei. p. 149-157, MELVILLE (NY):American Institute of Phisics*
75. 2004 - Curatela  
*ARAMO, C, INSOLIA A, C. TUVE' (a cura di) (2004). GZK and Surroundings. p. 1-453, Amsterdam:Elsevier*
76. 2004 - Articolo in rivista  
*J. ABRAHAM, INSOLIA A, .. THE AUGER COLLABORATION (2004). Properties and performances of the prototype instrument for the Pierre Auger Observatory. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 523, p. 50-95, ISSN: 0168-9002*
77. 2003 - Articolo in rivista  
*INSOLIA A, ET AL (2003). Constructing the phase diagram of finite neutral nuclear matter. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 67, p. 24609, ISSN: 0556-2813*
78. 2003 - Altro  
*INSOLIA A (2003). Collective Pair Approximation. p. 1-6*
79. 2002 - Articolo in rivista  
*S.ALBERGO, R.BELLWIED, M.BENNETT, D.BOEMI, B.BONNER, H.CAINES, W.CHRISTIE, COSTA S., H.J.CRAWFORD, M.CRONQVIST, R.DEBBE, J.ENGELEAGE, I.FLORES, L.GREINER, T.HALLMAN, G.HIJAZI, G.HOFFMAN, H.Z.HUANG, T.J.HUMANIC, INSOLIA A, P.JENSEN, E.G.JUDD, K.KAINZ, M.KAPLAN, S.KELLY, I.KOTOV, G.KUNDE, P.J.LINDSTROM, T.LJUBICIC, W.LLOPE, G.LOCURTO, R.LONGACRE, D.LYNN, L.MADANSKY, N.MAHZEH, Z.MILOSEVICH, J.M.MITCHELL, J.W.MITCHELL, S.NEHMEH, C.NOCIFORO, S.PAGANIS, S.U.PANDEY, R.POTENZA, D.E.RUSS, A.SAULYS, J.SCHAMBACH, J.SHEEN, E.SUGARBAKER, J.TAKAHASHI, J.TANG, A.L.TRATTNER, S.TRENTALANGE, A.TRICOMI, C.TUVE, J.P.WHITFIELD, AND K.WILSON THE E COLLABORATION (2002). Lambda Spectra in 11.6 A GeV/c Au-Au Collisions. PHYSICAL REVIEW LETTERS, vol. 88, p. 062301-1-062301-4, ISSN: 0031-9007*
80. 2002 - Articolo in rivista  
*D.S. DELION, INSOLIA A (2002). Anisotropic alpha decay. YADERN. FIZIKA, vol. 65, p. 653-657, ISSN: 0204-6946*
81. 2002 - Articolo in rivista  
*INSOLIA A, ET AL (2002). Transverse polarization of  $\lambda$  Hyperons in relativistic heavy ion collisions. NUCLEAR PHYSICS. A, vol. 698, p. 499c, ISSN: 0375-9474*
82. 2002 - Articolo in rivista  
*INSOLIA A, ET AL (2002). Light nuclei production in heavy-ion collisions at relativistic energies. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 65, p. 034907, ISSN: 0556-2813*
83. 2002 - Curatela  
*S. COSTA, INSOLIA A, C. TUVE' (a cura di) (2002). Exotice Clustering. p. 1-380, MELVILLE-NEW YORK:American Institute of Physics*
84. 2002 - Contributo in Atti di convegno  
*INSOLIA A, D. DELION, R. LIOTTA (2002). Anisotropic alpha decay. In: Clustering Aspects of Many*

- Body Systems. p. 207-214, SINGAPORE:World Scientific*
85. 2002 - Contributo in Atti di convegno  
*D. DELION, INSOLIA A, R. LIOTTA (2002). Anisotropic alpha decay in deformed nuclei. In: Catania Relativistic Ion Studies. Catania (Italy), 10-14 june, 2002, p. 12-19, MELVILLE-NEW YORK:American Institute of Physics*
86. 2002 - Articolo in rivista  
*ALBERGO S., BELLWIED R, BENNETT M, BOEMI D, BONNER B, CAINES H, CHRISTIE W, COSTA S, CRAWFORD H. J, CRONQVIST M, DEBBE R, ENGELAGE J, FLORES I, GREINER L, HALLMAN T, HIJAZI G, HOFFMANN G, HUANG H. Z, HUMANIC T. J, INSOLIA A, JENSEN P, JUDD E. G, KAINZ K, KAPLAN M, KELLY S, KOTOV I, KUNDE G, LINDSTROM P. J, LJUBICIC T, LLOPE W, LOCURTO G, LONGACRE R, LYNN D, MADANSKY L, MAHZEH N, MILOSEVICH Z, MITCHELL J. M, MITCHELL J. W, NEHMEH S, NOCIFORO C, PAGANIS S, PANDEY S. U, POTENZA R, RUSS D. E, SAULYS A, SCHAMBACH J, SHEEN J, SUGARBAKER E, TAKAHASHI J, TANG J, TRATTNER A. L, TRENTALANGE S, TRICOMI A, TUV C, WHITFIELD J. P, WILSON K (2002).  $\Lambda$  Spectra in 11.6A GeV/c Au-Au Collisions. PHYSICAL REVIEW LETTERS, vol. 88, p. 062301-062305, ISSN: 0031-9007*
87. 2001 - Articolo in rivista  
*INSOLIA A, ET AL (2001). Mass dependence of transverse momenta of Au projectile fragments at \$1.0 A GeV. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 64, p. 14610, ISSN: 0556-2813*
88. 2001 - Curatela  
*INSOLIA A, S. COSTA, C. TUVE' (a cura di) (2001). Phase Transitions in strong interactions: status and perspectives. p. 1-501, Amsterdam:Elsevier*
89. 2001 - Contributo in Atti di convegno  
*INSOLIA A (2001). Universality in Fragment inclusive yields from Au + Au collisions. In: Non equilibrium and non linear dynamics in nuclear and other finite systems. p. 160-167, MELVILLE-NEW YORK:American Institute of Physics*
90. 2001 - Articolo in rivista  
*INSOLIA A, ET AL (2001). Recent Result of Lambda from E896 at BNL-AGS. NUCLEAR PHYSICS. A, vol. 684, p. 338c-341c, ISSN: 0375-9474*
91. 2001 - Articolo in rivista  
*INSOLIA A (2001). Comparison of the 1A GeV Au + C interaction with thermodynamics: the nature of phase transitions in nuclear multifragmentation. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 64, p. 054602, ISSN: 0556-2813*
92. 2000 - Articolo in rivista  
*ELLIOTT JB, MORETTO LG, PHAIR L, INSOLIA A (2000). Nuclear multifragmentation, percolation, and the Fisher droplet model: Common features of reducibility and thermal scaling. PHYSICAL REVIEW LETTERS, vol. 85, p. 1194-1197, ISSN: 0031-9007*
93. 2000 - Articolo in rivista  
*INSOLIA A, ET AL (2000). Universality in Fragments Inclusive Yields from Au + Au Collisions. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 61, p. 44902, ISSN: 0556-2813*
94. 2000 - Articolo in rivista  
*INSOLIA A, ET AL (2000). Transverse Flow in Au + Au Collisions. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 61, p. 67902, ISSN: 0556-2813*
95. 2000 - Contributo in Atti di convegno  
*D. DELION, INSOLIA A, R.J. LIOTTA (2000). Microscopic Approach to alpha decay in deformed nuclei. In: Clustering Phenomena in nuclear Physics. SAN PETERSBURG:Intas - RFBR Edition*
96. 2000 - Contributo in Atti di convegno  
*C. TUVE', INSOLIA A, S. ALBERGO, D. BOEMI, Z. CACCIA, C-X CHEN, S. COSTA, H.J. CRAWFORD ET AL (2000). neutron production in coincidence with fragments from the Ca + H reactions at Elab = 357 mev and 565 A MeV. In: Nuclear and Condensed Matter Physics. p. 326-329, MELVILLE-NEW YORK:American Institute of Physics*
97. 2000 - Articolo in rivista  
*INSOLIA A, ET AL (2000). Two - stage multifragmentation of 1 A GeV Kr, La, and Au. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 62, p. 24616, ISSN: 0556-2813*
98. 1999 - Articolo in rivista  
*G. Lo Curto et al., Insolia A, E896 Collaboration (1999). Strange and multi-strange baryon*

- measurement in Au + Au collisions at 11.6-A-(GeV/c) with the silicon drift detector array from the AGS experiment E896. . NUCLEAR PHYSICS. A, vol. A661, p. 489-492, ISSN: 0375-9474, doi: 10.1016/S0375-9474(99)85072-6*
99. 1999 - Contributo in Atti di convegno  
*INSOLIA A (1999). Inclusive Yields from Au + Au. In: Advances in Nuclear Dynamics. Park City - Utah, 9-16 January, 1999, vol. 5, p. 80-87*
100. 1999 - Articolo in rivista  
*INSOLIA A, ET AL (1999). Neutron Production in Coincidence with Fragments from the 40Ca + H reaction. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 59, p. 233, ISSN: 0556-2813*
101. 1999 - Articolo in rivista  
*B. K. Srivastava et al., Insolia A (1999). Comparison of the 1A<sub>i</sub>GeV Au+C-197 interaction with first stage transport codes. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C60, ISSN: 0556-2813, doi: 10.1103/PhysRevC.60.064606*
102. 1999 - Articolo in rivista  
*H. Caines et al., Insolia A, E896 Collaboration (1999). First results from the H0 di-baryon search and hyperon production measurements by the AGS experiment 896 . NUCLEAR PHYSICS. A, vol. A661, p. 170-176, ISSN: 0375-9474, doi: 10.1016/S0375-9474(99)85019-2*
103. 1998 - Articolo in rivista  
*J. Lauret et al., Insolia A, EOS Collaboration (1998). Dynamics of radial collective energy in near central collisions for 1-A-GeV Au + C. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C57, p. 1051-1055, ISSN: 0556-2813, doi: 10.1103/PhysRevC.57.1051*
104. 1998 - Articolo in rivista  
*M. Justice et al., Insolia A, EOS Collaboration (1998). Lambda hyperons in 2A-GeV Ni + Cu collisions. . PHYSICS LETTERS. SECTION B, vol. B440, p. 12-19, ISSN: 0370-2693, doi: 10.1016/S0370-2693(98)01159-9*
105. 1998 - Curatela  
*S. COSTA, S. ALBERGO, INSOLIA A, C. TUVE (a cura di) (1998). Measuring the Size of Things in the Universe: HBT Interferometry and Heavy Ion Physics.*
106. 1998 - Contributo in volume (Capitolo o Saggio)  
*D.S. DELION, INSOLIA A, R. J. LIOTTA (1998). Role of pairing correlations in cluster decay processes. In: V. Z. KRESIN. Pair correlations in many-fermion systems. p. 265-293, NEW YORK AND LONDON:Plenum Press, ISBN: 0-306-45823-3*
107. 1998 - Articolo in rivista  
*J. A. Hauger et al., Insolia A, EOS Collaboration (1998). Multifragmentation of the remnant produced in the reaction of 1-A-GeV gold with carbon. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C57, p. 764-783, ISSN: 0556-2813, doi: 10.1103/PhysRevC.57.764*
108. 1997 - Articolo in rivista  
*C.-X. Chen et al., Insolia A (1997). Systematics of isotopic production cross sections from interactions of relativistic Ca-40 in hydrogen . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C56, p. 1536-1543, ISSN: 0556-2813, doi: 10.1103/PhysRevC.56.1536*
109. 1997 - Articolo in rivista  
*J. I. Chance et al., Insolia A, EOS Collaboration (1997). The Energy dependence of flow in Ni induced collisions from 400-MeV to 1970A-MeV. . PHYSICAL REVIEW LETTERS, vol. 78, p. 2535-2538, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.78.2535*
110. 1997 - Articolo in rivista  
*C. N. Knott et al., Insolia A (1997). Interactions of relativistic Ar-36 and Ar-40 nuclei in hydrogen: Isotopic production cross sections . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C56, p. 398-406, ISSN: 0556-2813, doi: 10.1103/PhysRevC.56.398*
111. 1997 - Articolo in rivista  
*j. I. Hjort et al., Insolia A (1997). Delta resonance production in Ni-58 + Cu collisions at E = 1.97-A-GeV. . PHYSICAL REVIEW LETTERS, vol. 79, p. 4345-4348, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.79.4345*
112. 1997 - Articolo in rivista  
*j. C. Kintner et al., Insolia A (1997). Pion flow and antiflow in 1.15-A-GeV Au + Au. . PHYSICAL REVIEW LETTERS, vol. 78, p. 4165-4168, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.78.4165*
113. 1997 - Articolo in rivista  
*C. Tuve' et al., Insolia A (1997). Neutron production at 0-degrees from the Ca-40 + H reaction at*

- Elab= A-357 and A-565 MeV. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C56, p. 1057-1063, ISSN: 0556-2813, doi: 10.1103/PhysRevC.56.1057*
114. 1996 - Articolo in rivista  
*S. Fortunato, Insolia A, R.J. Liotta, T. Vertse (1996). Two-particle-one-hole excitations in the continuum . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C54, p. 3279-3282, ISSN: 0556-2813, doi: 10.1103/PhysRevC.54.3279*
115. 1996 - Articolo in rivista  
*J.A. Hauger et al., Insolia A, EOS Collaboration (1996). Dynamics of the multifragmentation of 1-A-GeV gold on carbon . PHYSICAL REVIEW LETTERS, vol. 77, p. 235-238, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.77.235*
116. 1996 - Articolo in rivista  
*c.K. Knott et al., Insolia A, Transport Collaboration (1996). . Interactions of relativistic neon to nickel projectiles in hydrogen, elemental production cross-sections . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C53, p. 347-357, ISSN: 0556-2813, doi: 10.1103/PhysRevC.53.347*
117. 1996 - Articolo in rivista  
*J. B. Elliot et al., Insolia A, EOS Collaboration (1996). Individual fragment yields and determination of the critical exponent sigma . PHYSICS LETTERS. SECTION B, vol. B381, p. 35-39, ISSN: 0370-2693, doi: 10.1016/0370-2693(96)00590-4*
118. 1996 - Articolo in rivista  
*S. Delion, A. Florescu, M. Huyse, J. Wauters, P. Van Duppen, Insolia A, R.J. Liotta (1996). alpha decay as a probe for phase transitions in nuclei. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C54, p. 1169-1176, ISSN: 0556-2813, doi: 10.1103/PhysRevC.54.1169*
119. 1996 - Curatela  
*S. COSTA, S. ALBERGO, INSOLIA A, C. TUVE' (a cura di) (1996). Critical Phenomena and Collective Observables.*
120. 1996 - Articolo in rivista  
*S. Wang et al., Insolia A, EOS Collaboration (1996). In-Plane Retardation of Collective Expansion in Au+Au Collisions . PHYSICAL REVIEW LETTERS, vol. 76, p. 3911-3914, ISSN: 0031-9007*
121. 1996 - Articolo in rivista  
*D.S. Delion, Insolia A, R. J. Liotta (1996). New single particle basis for microscopic description of decay processes . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C54, p. 292-301, ISSN: 0556-2813, doi: 10.1103/PhysRevC.54.292*
122. 1995 - Articolo in rivista  
*D.S. Delion, Insolia A, et al. Isolde Collaboration (1995). Microscopic description of alpha decay to intruder 0+(2) states in Pb, Po, Hg and Pt isotopes. . PHYSICAL REVIEW LETTERS, vol. 74, p. 3939-3942, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.74.3939*
123. 1995 - Articolo in rivista  
*M. D. Partlan et al., Insolia A, EOS Collaboration (1995). Fragment flow in Au + Au collisions. . PHYSICAL REVIEW LETTERS, vol. 75, p. 2100-2103, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.75.2100*
124. 1995 - Articolo in rivista  
*M. A. Lisa et al., Insolia A, EOS Collaboration (1995). Radial flow in Au + Au collisions at E = 0.25-A/GeV - 1.15-A/Gev.. PHYSICAL REVIEW LETTERS, vol. 75, p. 2662-2665, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.75.2662*
125. 1995 - Articolo in rivista  
*H. G. Ritter et al., Insolia A, EOS Collaboration (1995). Flow and multifragmentation in nuclear collisions at intermediate-energies . NUCLEAR PHYSICS. A, vol. A583, p. 491C-498C, ISSN: 0375-9474, doi: 10.1016/0375-9474(94)00710-5*
126. 1995 - Articolo in rivista  
*S. Wang et al., Insolia A, EOS Collaboration (1995). Light fragment production and power law behavior in Au + Au collisions. PHYSICAL REVIEW LETTERS, vol. 74, p. 2646-2649, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.74.2646*
127. 1995 - Articolo in rivista  
*M. Justice et al., Insolia A, EOS collaboration (1995). Observation of collective effects in Lambda production at 2-GeV/nucleon . NUCLEAR PHYSICS. A, vol. A590, p. 549C-552C, ISSN: 0375-9474, doi: 10.1016/0375-9474(95)00275-6*
128. 1995 - Articolo in rivista

- Insolia A, U. Lombardo, G. Russo, N. Sandulescu (1995). Transverse flow and pi0 production from the BNV transport equation with a microscopic EOS . NUCLEAR PHYSICS. A, vol. A583, p. 547C-551C, ISSN: 0375-9474, doi: 10.1016/0375-9474(94)00718-3*
129. 1994 - Articolo in rivista  
*Insolia A, U.Lombardo, A. Bonasera, N. Sandulescu (1994). Nuclear dynamics for heavy ion collisions with a momentum dependent potential. . PHYSICS LETTERS. SECTION B, vol. B334, p. 12-17, ISSN: 0370-2693, doi: 10.1016/0370-2693(94)90584-3*
130. 1994 - Articolo in rivista  
*D. S. Delion, Insolia A, R. J. Liotta (1994). Microscopic description of the anisotropy in alpha decay. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C49, p. 3024-3028, ISSN: 0556-2813, doi: 10.1103/PhysRevC.49.3024*
131. 1994 - Articolo in rivista  
*C. X. Chen et al., Insolia A, Transport Collaboration (1994). Interactions in hydrogen of relativistic neon to nickel projectiles: Total charge changing cross-sections. . PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. C49, p. 3200-3210, ISSN: 0556-2813, doi: 10.1103/PhysRevC.49.3200*
132. 1993 - Articolo in rivista  
*DELION DS, INSOLIA A, LIOTTA RJ (1993). NEW DECAY MODES - IS A MICROSCOPIC APPROACH FEASIBLE. JOURNAL OF PHYSICS. G, NUCLEAR AND PARTICLE PHYSICS, vol. 19, p. L189-L192, ISSN: 0954-3899, doi: 10.1088/0954-3899/19/12/002*
133. 1993 - Articolo in rivista  
*SANDULESCU N, INSOLIA A, BLOMQVIST J, LIOTTA RJ (1993). 3-QUASI-PARTICLE STATES ANALYSIS IN ODD-MASS LEAD ISOTOPES. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 47, p. 554-560, ISSN: 0556-2813, doi: 10.1103/PhysRevC.47.554*
134. 1992 - Articolo in rivista  
*INSOLIA A, SANDULESCU N, BLOMQVIST J, LIOTTA RJ (1992). MICROSCOPIC STRUCTURE OF SN ISOTOPES. NUCLEAR PHYSICS. A, vol. 550, p. 34-52, ISSN: 0375-9474, doi: 10.1016/0375-9474(92)91131-8*
135. 1992 - Articolo in rivista  
*DELION DS, INSOLIA A, LIOTTA RJ (1992). PROTON NEUTRON CORRELATIONS AND MICROSCOPIC DESCRIPTION OF ALPHA-DECAY. NUCLEAR PHYSICS. A, vol. 549, p. 407-419, ISSN: 0375-9474, doi: 10.1016/0375-9474(92)90087-Z*
136. 1992 - Articolo in rivista  
*DELION DS, INSOLIA A, LIOTTA RJ (1992). ANISOTROPY IN ALPHA-DECAY OF ODD-MASS DEFORMED-NUCLEI. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 46, p. 884-888, ISSN: 0556-2813, doi: 10.1103/PhysRevC.46.884*
137. 1992 - Articolo in rivista  
*SANDULESCU N, INSOLIA A, FANT B, BLOMQVIST J, LIOTTA RJ (1992). SPHERICAL DEGREES OF FREEDOM IN PB-194. PHYSICS LETTERS. SECTION B, vol. 288, p. 235-238, ISSN: 0370-2693, doi: 10.1016/0370-2693(92)91096-R*
138. 1992 - Articolo in rivista  
*DELION DS, INSOLIA A, LIOTTA RJ (1992). ALPHA-WIDTHS IN DEFORMED-NUCLEI - MICROSCOPIC APPROACH. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 46, p. 1346-1354, ISSN: 0556-2813, doi: 10.1103/PhysRevC.46.1346*
139. 1991 - Articolo in rivista  
*FONTE R, INSOLIA A, LANZANO G, PAGANO A, RUSSO GV, PALAMA G, DEJAGER CW, DEVRIES H (1991). RESPONSE FUNCTION OF A BAF2 DETECTOR TO ELECTRONS. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 307, p. 80-82, ISSN: 0168-9002, doi: 10.1016/0168-9002(91)90133-B*
140. 1991 - Articolo in rivista  
*INSOLIA A, CURUTCHET P, LIOTTA RJ, DELION DS (1991). MICROSCOPIC DESCRIPTION OF ALPHA-DECAY OF DEFORMED-NUCLEI. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 44, p. 545-547, ISSN: 0556-2813, doi: 10.1103/PhysRevC.44.545*
141. 1991 - Articolo in rivista  
*FONTE R, INSOLIA A (1991). CRITICAL ENERGY DEPOSIT IN HEAVY-ION COMPLETE FUSION. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 44, p. 543-544, ISSN: 0556-2813, doi: 10.1103/PhysRevC.44.543*

142. 1990 - Articolo in rivista  
*FONTE R, INSOLIA A, RUSSO GV, PALAMA G, DEJAGER CW, DEVRIES H (1990). CALIBRATION OF LEAD GLASS DETECTORS BY ELECTRONS UP TO 350 MEV. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 297, p. 410-414, ISSN: 0168-9002, doi: 10.1016/0168-9002(90)91323-4*
143. 1990 - Articolo in rivista  
*POMAR C, BLOMQVIST J, LIOTTA RJ, INSOLIA A (1990). ANALYSIS OF 2-QUASI-PARTICLE AND 4-QUASI-PARTICLE STATES IN LEAD ISOTOPES. NUCLEAR PHYSICS. A, vol. 515, p. 381-408, ISSN: 0375-9474, doi: 10.1016/0375-9474(90)90591-9*
144. 1989 - Articolo in rivista  
*BELLINI V, BOLORE M, JULIEN J, HISLEUR JM, FALICA A, FIGUERA AS, FONTE R, INSOLIA A, MILONE C, PALAMA GF, RUSSO GV, SPERDUTO ML, BIMBOT L (1989). INCLUSIVE ( $\text{RHO}, \text{PI}-0$ ) REACTIONS AT  $E_{\text{LAB}} = 200$ -MEV. ZEITSCHRIFT FÜR PHYSIK. A, ATOMIC NUCLEI, vol. 333, p. 393-395, ISSN: 0930-1151, doi: 10.1007/BF01299693*
145. 1989 - Articolo in rivista  
*INSOLIA A, LIOTTA RJ, MAGLIONE E (1989). 2-PARTICLE SURFACE CORRELATIONS. JOURNAL OF PHYSICS. G, NUCLEAR AND PARTICLE PHYSICS, vol. 15, p. 1249-1263, ISSN: 0954-3899, doi: 10.1088/0954-3899/15/8/020*
146. 1989 - Articolo in rivista  
*FONTE R, INSOLIA A, PALAMA G, RUSSO GV (1989). PI, OMICRON-PRODUCTION IN HEAVY-ION COLLISIONS. NUCLEAR PHYSICS. A, vol. 495, p. C43-C47, ISSN: 0375-9474*
147. 1988 - Articolo in rivista  
*JULIEN J, BOLORE M, DABROWSKI H, HISLEUR JM, BELLINI V, FIGUERA AS, FONTE R, INSOLIA A, PALAMA GF, RUSSO GV, SPERDUTO ML, CHAUVIN J, DESANTIGNON P, LEBRUN D, REBREYEND D (1988). NEUTRAL PION-PRODUCTION IN SUBTHRESHOLD HEAVY-ION COLLISION WITH O-16 (38 MEV/U) AND NE-20 (200 MEV/U) BEAMS. ZEITSCHRIFT FÜR PHYSIK. A, ATOMIC NUCLEI, vol. 330, p. 83-86, ISSN: 0930-1151, doi: 10.1007/BF01287268*
148. 1988 - Articolo in rivista  
*INSOLIA A, LIOTTA RJ, MAGLIONE E (1988). CALCULATION OF ALPHA-DECAY WIDTHS FOR LIGHT LEAD ISOTOPES. EUROPHYSICS LETTERS, vol. 7, p. 209-212, ISSN: 0295-5075, doi: 10.1209/0295-5075/7/3/004*
149. 1988 - Articolo in rivista  
*LOTTI P, MAGLIONE E, CATARA F, INSOLIA A (1988). SURFACE CLUSTERING AND 2-NUCLEON PICK-UP IN SAMARIUM ISOTOPES. EUROPHYSICS LETTERS, vol. 6, p. 125-129, ISSN: 0295-5075, doi: 10.1209/0295-5075/6/2/006*
150. 1986 - Articolo in rivista  
*CATARA F, SAMBATARO M, INSOLIA A, VITTURI A (1986). STUDY OF NEGATIVE-PARITY BANDS IN A COLLECTIVE PAIR APPROACH. PHYSICS LETTERS. SECTION B, vol. 180, p. 1-3, ISSN: 0370-2693, doi: 10.1016/0370-2693(86)90122-X*
151. 1986 - Articolo in rivista  
*SAMBATARO M, INSOLIA A (1986). ON A COLLECTIVE PAIR APPROXIMATION FOR LOW-ENERGY NUCLEAR-SPECTRA. PHYSICS LETTERS. SECTION B, vol. 166, p. 259-263, ISSN: 0370-2693, doi: 10.1016/0370-2693(86)90793-8*
152. 1985 - Articolo in rivista  
*FONTE R, INSOLIA A (1985). LOWER-L CUTOFFS IN HEAVY-ION FUSION PROCESS. LETTERE AL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 42, p. 17-20, ISSN: 0375-930X*
153. 1985 - Articolo in rivista  
*CATARA F, INSOLIA A, SAMBATARO M, MAGLIONE E, VITTURI A (1985). COMPARISON OF TRUNCATED SHELL-MODEL CALCULATIONS IN THE LABORATORY AND INTRINSIC SYSTEMS. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 32, p. 634-636, ISSN: 0556-2813, doi: 10.1103/PhysRevC.32.634*
154. 1984 - Articolo in rivista  
*FONTE R, INSOLIA A (1984). INFLUENCE OF THE IMPACT PARAMETER ON THE HEAVY-ION FUSION PROCESS. LETTERE AL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 40, p. 519-522, ISSN: 0375-930X, doi: 10.1007/BF02749383*
155. 1984 - Articolo in rivista  
*FONTE R, INSOLIA A (1984). L-WINDOW MODEL FOR COMPLETE FUSION. PHYSICS LETTERS.*

- SECTION B, vol. 148, p. 257-259, ISSN: 0370-2693, doi: 10.1016/0370-2693(84)90083-2*
156. 1984 - Articolo in rivista  
*CATARA F, INSOLIA A, MAGLIONE E, VITTURI A (1984). DESCRIPTION OF THE EVEN SAMARIUM ISOTOPES IN THE COLLECTIVE PAIR APPROXIMATION. PHYSICAL REVIEW. C, NUCLEAR PHYSICS, vol. 29, p. 1916-1918, ISSN: 0556-2813, doi: 10.1103/PhysRevC.29.1916*
157. 1984 - Articolo in rivista  
*CATARA F, INSOLIA A, MAGLIONE E, VITTURI A, BROGLIA RA (1984). COMPARATIVE-STUDY OF THE SELECTIVITY DISPLAYED BY (LI-6, D) AND (O-16, C-12) REACTIONS. NUCLEAR PHYSICS. A, vol. 424, p. 184-190, ISSN: 0375-9474, doi: 10.1016/0375-9474(84)90134-9*
158. 1984 - Articolo in rivista  
*MAGLIONE E, VITTURI A, CATARA F, INSOLIA A (1984). DESCRIPTION OF ODD-A DEFORMED-NUCLEI IN THE COLLECTIVE PAIR APPROXIMATION. PHYSICS LETTERS. SECTION B, vol. 137, p. 1-4, ISSN: 0370-2693, doi: 10.1016/0370-2693(84)91093-1*
159. 1984 - Articolo in rivista  
*CATARA F, INSOLIA A, MAGLIONE E, VITTURI A (1984). 2-PARTICLE AND 4-PARTICLE SURFACE CLUSTERIZATION IN HEAVY DEFORMED-NUCLEI. PHYSICS LETTERS. SECTION B, vol. 149, p. 41-44, ISSN: 0370-2693, doi: 10.1016/0370-2693(84)91547-8*
160. 1983 - Articolo in rivista  
*MAGLIONE E, VITTURI A, CATARA F, INSOLIA A (1983). MICROSCOPIC DESCRIPTION OF BETA-BAND IN THE COLLECTIVE PAIR APPROXIMATION. NUCLEAR PHYSICS. A, vol. 411, p. 181-194, ISSN: 0375-9474, doi: 10.1016/0375-9474(83)90386-X*
161. 1983 - Articolo in rivista  
*MAGLIONE E, CATARA F, INSOLIA A, VITTURI A (1983). MICROSCOPIC STRUCTURE OF MONOPOLE AND QUADRUPOLE BOSONS. NUCLEAR PHYSICS. A, vol. 397, p. 102-114, ISSN: 0375-9474, doi: 10.1016/0375-9474(83)90079-9*
162. 1983 - Articolo in rivista  
*CATARA F, FERREIRA L, INSOLIA A, MAGLIONE E, VITTURI A, BROGLIA RA (1983). VALUE OF THE ABSOLUTE CROSS-SECTION FOR THE REACTION CA-40(O-16,C-12)TI-44. NUCLEAR PHYSICS. A, vol. 404, p. 167-178, ISSN: 0375-9474, doi: 10.1016/0375-9474(83)90420-7*
163. 1982 - Articolo in rivista  
*FONTE R, INSOLIA A (1982). LEVEL DENSITY LIMITATION TO FUSION. LETTERE AL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 34, p. 26-28, ISSN: 0375-930X*
164. 1981 - Articolo in rivista  
*INSOLIA A, BALDO M, CATARA F, VITTURI A (1981). MICROSCOPIC ANALYSIS OF THE C-12(LI-6, D)O-16 REACTION. ZEITSCHRIFT FÜR PHYSIK. A, ATOMS AND NUCLEI, vol. 301, p. 209-213, ISSN: 0340-2193, doi: 10.1007/BF01416295*
165. 1981 - Articolo in rivista  
*CATARA F, FERREIRA L, INSOLIA A, VITTURI A, BROGLIA RA (1981). PROBING THE PAIRING VIBRATIONAL-MODES OF THE ZR ISOTOPES IN 2-NUCLEON AND 4-NUCLEON TRANSFER-REACTIONS. NUCLEAR PHYSICS. A, vol. 372, p. 237-252, ISSN: 0375-9474, doi: 10.1016/0375-9474(81)90099-3*
166. 1980 - Articolo in rivista  
*CATARA F, CONSOLI M, INSOLIA A, LOMONACO L (1980). PI-NUCLEUS ELASTIC-SCATTERING AROUND THE DELTA(3,3) RESONANCE. LA RIVISTA DEL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 60, p. 98-106, ISSN: 0393-697X, doi: 10.1007/BF02776558*
167. 1977 - Articolo in rivista  
*CATARA F, CONSOLI M, INSOLIA A (1977). RENORMALIZATION OF NUCLEON SELF-ENERGY IN FINITE NUCLEI. LA RIVISTA DEL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 41, p. 648-658, ISSN: 0393-697X, doi: 10.1007/BF02730266*
168. 1977 - Articolo in rivista  
*CATARA F, CONSOLI M, INSOLIA A, PAPPALARDO L, PAPPALARDO S (1977). APPROACH TO NUCLEAR MANY-BODY PROBLEM INCLUDING VIRTUAL MESONS .1. HF APPROXIMATION IN FINITE NUCLEI. NUCLEAR PHYSICS. A, vol. 276, p. 433-444, ISSN: 0375-9474, doi: 10.1016/0375-9474(77)90537-1*
169. 1977 - Articolo in rivista  
*CATARA F, CONSOLI M, INSOLIA A (1977). DESCRIPTION OF PAIRING CORRELATIONS IN FINITE NUCLEI INCLUDING VIRTUAL MESONS. LA RIVISTA DEL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 38, p. 131-137, ISSN: 0393-697X, doi: 10.1007/BF02724536*
170. 1976 - Articolo in rivista

CATARA F, INSOLIA A, LOMBARDO U (1976). PAIRING AND QUARTETING CORRELATIONS IN NUCLEI. NUCLEAR PHYSICS. A, vol. 261, p. 282-290, ISSN: 0375-9474, doi: 10.1016/0375-9474(76)90571-6

Titoli
--------

**responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari**

Progetto	Durata	Ruolo Ricoperto
PRIN 2002: Studio dei raggi cosmici di altissima energia. Ricerca del cut-off sullo spettro del Fe primario ad Eo ~ $10^{17}$ eV. Intercalibrazione dei rivelatori di Sciami Estesi Atmosferici. Connessione tra la regione del "ginocchio" e la regione di AUGER.	24	Responsabile Unità
PRIN 2005: Raggi cosmici di alta energia ( $10^{15} - 10^{21}$ eV): spettri energetici, composizione primaria e interazioni. Misure, analisi, interpretazione, sviluppi. Connessione di energie, apparati e tecniche diverse.	24	Responsabile Unità
PRIN 2007: Studio della radiazione cosmica di altissima energia tramite misure ed analisi delle direzioni di arrivo delle particelle primarie: ricerca di sorgenti, identificazione della transizione tra la radiazione galattica ed extragalattica, origine, propagazione, interazioni.	24	Responsabile Unità

**partecipazione a comitati editoriali di riviste, collane editoriali, encyclopedie e trattati di riconosciuto prestigio**

Tipo	Titolo	Dal	Al
Collane editoriali	Proceeding Int. Biennial Conference CRIS (Cosmic Ray Intern. Seminars) as Editor	1996	2010

#### altri titoli

*Componente Commissione Scientifica Nazionale 4 dell'INFN per sei anni;  
 Componente Commissione Scientifica Nazionale 2 dell'INFN per cinque anni 2006 -2010);  
 Coordinatore del Dottorato di Ricerca in Fisica dell'Università di Catania (due mandati);  
 Direttore del Dipartimento di Fisica e Astronomia dell'Università di Catania dal gennaio 2011;  
 Responsabile locale dell'Esperimento Auger presso la Sezione INFN di Catania (gruppo 2 - INFN)  
 Componente del CdA della Fondazione Universitaria Cutgana*

1.  
**Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth**

By: Aab, A.; Abreu, P.; Aglietta, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
PHYSICAL REVIEW D Volume: 90 Issue: 1 Pages: 2012-2012 Published: JUL 25 2014

[View Abstract](#)

**Times Cited: 0**

(from All Databases)



2.  
**A SEARCH FOR POINT SOURCES OF EeV PHOTONS**

By: Aab, A.; Abreu, P.; Aglietta, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
ASTROPHYSICAL JOURNAL Volume: 789 Issue: 2 Article Number: 160 Published: JUL 10 2014

[View Abstract](#)

**Times Cited: 0**

(from All Databases)



3.  
**Probing the radio emission from air showers with polarization measurements**

By: Aab, A.; Abreu, P.; Aglietta, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
PHYSICAL REVIEW D Volume: 89 Issue: 5 Article Number: 052002 Published: MAR 14 2014

[View Abstract](#)

**Times Cited: 1**

(from All Databases)



4.  
**Identifying clouds over the Pierre Auger Observatory using infrared satellite data**

By: Abreu, P.; Aglietta, M.; Ahlers, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
ASTROPARTICLE PHYSICS Volume: 50-52 Pages: 92-101 Published: DEC 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 0**

(from All Databases)



5.  
**Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory**

By: Abreu, P.; Aglietta, M.; Ahlers, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS Issue: 5 Article Number: UNSP 009 Published: MAY 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 0**

(from All Databases)

□

6. An evaluation of the exposure in nadir observation of the JEM-EUSO mission

By: Adams, J. H., Jr.; Ahmad, S.; Albert, J.-N.; et al.  
ASTROPARTICLE PHYSICS Volume: 44 Pages: 76-90 Published: APR 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 9**  
(from All Databases)

□

7. Techniques for measuring aerosol attenuation using the Central Laser Facility at the Pierre Auger Observatory

By: Abreu, P.; Aglietta, M.; Ahlers, M.; et al.  
Group Author(s): Pierre Auger Collaborat  
JOURNAL OF INSTRUMENTATION Volume: 8 Article Number: P04009 Published: APR 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 1**  
(from All Databases)

□

8. Interpretation of the depths of maximum of extensive air showers measured by the Pierre Auger Observatory

By: Abreu, P.; Aglietta, M.; Ahlers, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS Issue: 2 Article Number: 026  
Published: FEB 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 3**  
(from All Databases)

□

9. Ultrahigh Energy Neutrinos at the Pierre Auger Observatory

By: Abreu, P.; Aglietta, M.; Ahlers, M.; et al.  
Group Author(s): Pierre Auger Collaboration  
ADVANCES IN HIGH ENERGY PHYSICS Article Number: 708680 Published: 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 2**  
(from All Databases)

□

10. Influence of cosmological models on the GZK horizon of ultrahigh energy protons

By: De Domenico, M.; Insolia, A.  
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 40 Issue: 1 Article Number: 015201 Published: JAN 2013

[Full Text from Publisher](#)

[View Abstract](#)

**Times Cited: 0**

(from All Databases)



11.

**CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE  $10(18)$  eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY**

By: Abreu, P.; Aglietta, M.; Ahlers, M.; et al.

Group Author(s): Pierre Auger Collaboration

ASTROPHYSICAL JOURNAL LETTERS Volume: 762 Issue: 1 Article Number: L13 Published: JAN 1 2013

[View Abstract](#)

**Times Cited: 4**

(from All Databases)