List of Pierre Auger Collaboration related articles

1. Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects.
   Pierre Auger Collaboration (J. Abraham et al.), Science **318**, 5852, 938 (2007)

2. Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory.
   J. Abraham, *et al.*[Pierre Auger Collaboration], Astropart. Phys. **27**, 244 (2007); (astro-ph/0607382)

3. An upper limit to the photon fraction in cosmic rays above 10^{19} eV from the Pierre Auger Observatory.
   J. Abraham, *et al.*[Pierre Auger Collaboration], Astropart. Phys. **27**, 155 (2007); (astro-ph/0606619)

4. Observation of the suppression of the flux of cosmic rays above 4×10^{19} eV.
   Pierre Auger Collaboration (J. Abraham, *et al.*), Phys. Rev. Lett **101**, 061101 (2008); arXiv:0806.4302.

5. Upper limit on the cosmic-ray photon flux above 10^{19} eV using the surface detector of the Pierre Auger Observatory.
   Pierre Auger Collaboration (J. Abraham, *et al.*), Astropart. Phys. **29**, 243-256 (2008); arXiv:0712.1147.

6. Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei.
   Pierre Auger Collaboration (J. Abraham, *et al.*), Astropart. Phys. **29**, 188-204 (2008); arXiv:0712.2843.

7. Upper limit on the diffuse flux of ultrahigh energy tau neutrinos from the Pierre Auger Observatory.
   Pierre Auger Collaboration (J. Abraham, *et al.*), Phys. Rev. Lett **100**, 211101 (2008); arXiv:0712.1909.

8. Limit on the diffuse flux of ultra-high energy tau neutrinos with the surface detector of the Pierre Auger Observatory.
   Pierre Auger Collaboration (J. Abraham, *et al.*), Phys. Rev. D **79**, 102001 (2009); arXiv:0903.3385.

9. Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory.
   Pierre Auger Collaboration (J. Abraham, *et al.*), Astropart. Phys. **31**, 399 (2009); arXiv:0903.1127.

10. Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter.
    Pierre Auger Collaboration (P. Abreu et al.), Astropart. Phys. **34**, 314 (2010)

11. The fluorescence detector of the Pierre Auger Observatory.
    Pierre Auger Collaboration (J. Abraham et al.), Nucl. Instr. and Meth. A **620**, 227 (2010)

12. Measurement of the energy spectrum of cosmic rays above 10^{18} eV using the Pierre Auger Observatory.
    Pierre Auger Collaboration (J. Abraham et al.), Phys. Lett. B **685**, 239 (2010)

13. A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory.
    Pierre Auger Collaboration (J. Abraham et al.), Astropart. Phys. **33**, 108 (2010)

14. Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV.
    Pierre Auger Collaboration (J. Abraham et al.), Phys. Rev. Lett **104**, 091101 (2010); arXiv:0911.3351.

15. Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory.
    Pierre Auger Collaboration (J. Abraham et al.), Astropart. Phys. **33**, 65 (2010)

16. Trigger and aperture of the surface detector array of the Pierre Auger Observatory.
    Pierre Auger Collaboration (J. Abraham et al.), Nucl. Instr. and Meth. A **613**, 29 (2010)

17. Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory.
P. Abreu et al. (The Pierre Auger Collaboration) [O. Scholten] , Phys. Rev. D **84**, 122005 (2011)

18. Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory.
P. Abreu et al. (The Pierre Auger Collaboration) [O. Scholten], Nucl. Instr. and Meth. A **635**, 92 (2011)

19. The exposure of the hybrid detector of the Pierre Auger Observatory.
P. Abreu et al. (The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **34**, 368 (2011)

20. The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory.
P. Abreu et al. (The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **35**, 266 (2011)

21. Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **34**, 627 (2011)

22. The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **11**, 022 (2011)

23. Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **06**, 022 (2011)

24. The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Inst. **6**, P01003 (2011)

25. Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **35**, 354 (2012)

26. Constraints on the origin of cosmic rays above 10^{18} eV from large scale anisotropy searches in data of the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. Lett. **762**, L13 (2012); arXiv:1212.3083

27. A Search for Point Sources of EeV Neutrons.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. **760**, 148 (2012); arXiv:1211.4901

28. Results of a self-triggered prototype system for radio-detection of extensive air showers at the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Instr. **7**, P11023 (2013); arXiv:1211.0572

29. Large scale distribution of arrival directions of cosmic rays detected above 10^{18} eV at the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. Supp. , 2012 (203); arXiv:1210.3736

30. Search for Point-Like Sources of Ultra-High Energy Neutrinos at the Pierre Auger Observatory and Improved Limit on the Diffuse Flux of Tau Neutrinos.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. **755**, L4 (2012); arXiv:1210.3143

31. Antennas for the Detection of Radio Emission Pulses from Cosmic-Ray.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Instr. **7**, P10011 (2012); arXiv:1209.3840

32. The Rapid Atmospheric Monitoring System of the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Instr. **7**, P09001 (2012); arXiv:1208.1675

33. Measurement of the proton-air cross-section at $\sqrt{s} = 57$ TeV with the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. Lett **109**, 062002 (2012); arXiv:1208.1520

34. Measurement of the Cosmic Ray Energy Spectrum Using Hybrid Events of the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Eur. Phys. J. Plus **127**, 87 (2012); arXiv:1208.6574

35. A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **1204**, 040 (2012); arXiv:1210.3602

36. Description of Atmospheric Conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS).
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **35**, 591-607 (2012); arXiv:1201.2276

37. The Lateral Trigger Probability function for the ultra-high energy cosmic ray showers detected by the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **35**, 266-276 (2011), Erratum-ibid. **35**, 681-684 (2012); arXiv:1111.6645

38. The Pierre Auger Observatory V: Enhancements.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Phys.: Conf. Ser. **375**, 052006 (2012); arXiv:1107.4807

39. Identifying Clouds over the Pierre Auger Observatory using Infrared Satellite Data.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astropart. Phys. **50-52**, 92-101 (2013); arXiv:1310.1641

40. Techniques for Measuring Aerosol Attenuation using the Central Laser Facility at the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Instr. **8**, P04009 (2013); arXiv:1303.5576

41. Interpretation of the Depths of Maximum of Extensive Air Showers Measured by the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **1302**, 026 (2013); arXiv:1301.6637

42. Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory.
P. Abreu *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **1305**, 009 (2013); arXiv:1305.1576

43. Highlights from the Pierre Auger Observatory.
A. Aab *et al.*(The Pierre Auger Collaboration) [O. Scholten], Proceedings ICRC2013, arXiv:1310.4620

44. Pierre Auger Observatory and Telescope Array: Joint Contributions to the 33rd International Cosmic Ray Conference (ICRC 2013).
A. Aab *et al.*(The The Telescope Array and The Pierre Auger Collaborations) [O. Scholten], Proceedings ICRC2013, arXiv:1310.0647

45. The Pierre Auger Observatory: Contributions to the 33rd International Cosmic Ray Conference (ICRC 2013).
A. Aab *et al.*(The Pierre Auger Collaboration) [O. Scholten], Proceedings ICRC2013, arXiv:1307.5059

46. Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **90**, 122006 (2014); arXiv:1409.5083

47. Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above $10^{17.8}$ eV.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **90**, 122005 (2014); arXiv:1409.4809

48. Searches for Large-Scale Anisotropy in the Arrival Directions of Cosmic Rays Detected above Energy of 10^{19} eV at the Pierre Auger Observatory and the Telescope Array.
A. Aab, *et al.*(Telescope Array & Pierre Auger Collaborations) [O. Scholten], Astrophys. J. **794**, 172 (2014); arXiv:1409.3128

49. Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **90**, 012012 (2014), Phys. Rev. D **90**, 039904 (2014); arXiv:1407.5919

50. Reconstruction of inclined air showers detected with the Pierre Auger Observatory.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **1408**, 019 (2014); arXiv:1407.3214

51. A Targeted Search for Point Sources of EeV Neutrons.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. **789**, L34 (2014); arXiv:1406.4038

52. A search for point sources of EeV photons.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. **789**, 160 (2014); arXiv:1406.2912

53. Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Atmos.Res.**149**, 120 (2014); arXiv:1405.7551

54. Large Scale Distribution of Ultra High Energy Cosmic Rays Detected at the Pierre Auger Observatory With Zenith Angles up to 80.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. **802**, 111 (2015); arXiv:1411.6953

55. Searches for Anisotropies in the Arrival Directions of the Highest Energy Cosmic Rays Detected by the Pierre Auger Observatory.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Astrophys. J. **804**, 15 (2015); arXiv:1411.6111

56. Search for patterns by combining cosmic-ray energy and arrival directions at the Pierre Auger Observatory.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Eur. Phys. J. **C75**, 269 (2015); arXiv:1410.0515

57. Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **91**, 032003 (2015), Phys. Rev. D **91**, 059901 (2015); arXiv:1408.1421

58. The Pierre Auger Cosmic Ray Observatory.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Nucl. Instr. and Meth. A **A798**, 172 (2015); arXiv:1502.01323

59. Measurement of the cosmic ray spectrum above 4×10^{18} eV using inclined events detected with the Pierre Auger Observatory.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Cosm. and Astrop. Phys. **8**, 049 (2015); arXiv:1503.07786

60. Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory.
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **91**, 092008 (2015); arXiv:1504.05397

61. Energy Estimation of Cosmic Rays with the Engineering Radio Array of the Pierre Auger Observatory.
Alexander Aab (Siegen U.) *et al.*[O. Scholten], Phys. Rev. D **93**, 122005 (2016); arXiv:1508.04267

62. Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array
IceCube and Pierre Auger and Telescope Array Collaborations (M.G. Aartsen *et al.*[O. Scholten]), J. Cosm. and Astrop. Phys. **01**, 037 (2016); arXiv:1511.09408

63. Ultrahigh-energy neutrino follow-up of gravitational wave events GW150914 and GW151226 with the Pierre Auger Observatory
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **94**, 122007 (2016)

64. Testing hadronic interactions at ultrahigh energies with air showers measured by the Pierre Auger Observatory
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. Lett **117**, 192001 (2016); arXiv:1610.08509

65. Search for ultra-relativistic magnetic monopoles with the Pierre Auger observatory
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **94**, 082002 (2016); arXiv:1609.04451

66. Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Instr. **11**, P02012 (2016); arXiv::1605.01625

67. Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. D **93**, 072006 (2016)

68. Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Rev. Lett **116**, 241101 (2016)

69. Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], J. Instr. **11**, 01018 (2016)

70. Evidence for a mixed mass composition at the "ankle" in the cosmic-ray spectrum
A. Aab, *et al.*(The Pierre Auger Collaboration) [O. Scholten], Phys. Lett. B **762**, 288 (2016)