PUBLICATIONS
Stefan Westerhoff

1 Invited Review Articles

1. J.J. Beatty and S. Westerhoff,
   *The Highest-Energy Cosmic Rays*,

2. P. Sommers and S. Westerhoff,
   *Cosmic-Ray Astronomy*,

2 Refereed Journal Publications with Major Contributions

1. R. Alfaro et al. (HAWC Collaboration),
   *All-Particle Cosmic-Ray Energy Spectrum Measured by the HAWC Experiment from 10 to 500 TeV*,

2. A.U. Abeysekara et al. (HAWC Collaboration),
   *The HAWC Real-Time Flare Monitor for Rapid Detection of Transient Events*,

3. M.G. Aartsen et al. (IceCube Collaboration),
   *Neutrinos and Cosmic Rays Observed by IceCube*,

4. M.G. Aartsen et al. (IceCube Collaboration),
   *Anisotropy in Cosmic-Ray Arrival Directions in the Southern Hemisphere with Six Years of Data from the IceCube Detector*,

   *A New Maximum-Likelihood Technique for Reconstructing Cosmic-Ray Anisotropy at All Angular Scales*,

6. A.U. Abeysekara et al. (HAWC Collaboration),
   *Observation of Small-Scale Anisotropy in the Arrival Direction Distribution of TeV Cosmic Rays with HAWC*,
7. S. Westerhoff et al. (HAWC Collaboration),
   *HAWC: A Next-Generation All-Sky Gamma-Ray Telescope*,

8. M.G. Aartsen et al. (IceCube Collaboration),
   *Observation of Cosmic-Ray Anisotropy with the IceTop Air-Shower Array*,

9. S.Y. BenZvi, C.G. Pfendner, B.M. Connolly, and S. Westerhoff,
   *A Bayesian Approach to Comparing Cosmic-Ray Energy Spectra*,

10. R.U. Abbasi et al. (IceCube Collaboration),
    *Observation of Anisotropy in the Arrival Directions of Galactic Cosmic Rays at Multiple Angular Scales with IceCube*,

11. S.Y. BenZvi, B.M. Connolly, and S. Westerhoff,
    *Sequential Analysis Techniques for Correlation Studies in Particle Astronomy*,

12. S.Y. BenZvi, B.M. Connolly, J.A.J. Matthews, M. Prouza, E.F. Visbal, and S. Westerhoff,
    *Measurement of the Aerosol Phase Function at the Pierre Auger Observatory*,

13. S.Y. BenZvi et al.,
    *The Lidar System of the Pierre Auger Observatory*,

    *Comparison of the Ultrahigh-Energy Cosmic-Ray Flux Observed by AGASA, HiRes and Auger*,

15. R.U. Abbasi et al. (HiRes Collaboration),
    *A Likelihood Method for Detecting the Ultrahigh-Energy Cosmic-Ray Composition*,

16. R.U. Abbasi et al. (HiRes Collaboration),
    *Search for Cross-Correlations of Ultrahigh-Energy Cosmic Rays with BL Lacertae Objects*,

17. R.U. Abbasi et al. (HiRes Collaboration),
    *Search for Point Sources of Ultrahigh-Energy Cosmic Rays Using a Maximum Likelihood Ratio Test*,
18. R.U. Abbasi et al. (HiRes Collaboration),
   *Study of Small-Scale Anisotropy of Ultrahigh-Energy Cosmic Rays Observed in Stereo by the High-Resolution Fly’s Eye Detector*,

19. C.B. Finley and S. Westerhoff,
   *On the Evidence for Clustering in the Arrival Directions of AGASA’s Ultrahigh-Energy Cosmic Rays*,

20. P.A. Sadowski et al. (HiRes Collaboration),
   *Geometry and Optics Calibration for Air Fluorescence Detectors Using Starlight*,

2.1 HAWC Collaboration

1. R. Alfaro et al. (HAWC Collaboration),
   *Search for Very-High-Energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory*,

2. A.U. Abeysekara et al. (HAWC Collaboration),
   *Daily Monitoring of TeV Gamma-Ray Emission From Mrk 421, Mrk 501, and the Crab Nebula with HAWC*,

3. A.U. Abeysekara et al. (HAWC Collaboration),
   *Search for Very High Energy Gamma Rays from the Northern Fermi Bubble Region with HAWC*,

4. A.U. Abeysekara et al. (HAWC Collaboration),
   *The 2HWC HAWC Observatory Gamma Ray Catalog*,

5. A.U. Abeysekara et al. (HAWC Collaboration),
   *Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory*,

6. A.U. Abeysekara et al. (HAWC Collaboration),
   *Search for TeV Gamma-Ray Emission from Point-like Sources in the Inner Galactic Plane with a Partial Configuration of the HAWC Observatory*,
7. A.U. Abeysekara et al. (HAWC Collaboration),
*Search for Gamma Rays From the Unusually Bright GRB 130427A with the HAWC Gamma-Ray Observatory,*

8. A.U. Abeysekara et al. (HAWC Collaboration),
*Milagro Limits and HAWC Sensitivity for the Rate-Density of Evaporating Primordial Black Holes,*

9. A.U. Abeysekara et al. (HAWC Collaboration),
*The Sensitivity of HAWC to High-Mass Dark Matter Annihilations,*

10. A.U. Abeysekara et al. (HAWC Collaboration),
*Sensitivity of the High-Altitude Water Cherenkov Detector to Sources of Multi-TeV Gamma Rays,*

11. A.U. Abeysekara et al. (HAWC Collaboration),
*On the Sensitivity of the HAWC Observatory to Gamma-Ray Bursts,*

### 2.2 IceCube Collaboration

1. M.G. Aartsen et al. (IceCube Collaboration),
*Measurement of Atmospheric Neutrino Oscillations at 6-56 GeV with IceCube DeepCore,*

2. M.G. Aartsen et al. (IceCube Collaboration),
*Constraints on Galactic Neutrino Emission with Seven Years of IceCube Data,*

3. M.G. Aartsen et al. (IceCube Collaboration),
*Search for Astrophysical Sources of Neutrinos Using Cascade Events in IceCube,*

4. A. Albert et al. (ANTARES, IceCube, LIGO Scientific, and Virgo Collaborations),
*Search for High-energy Neutrinos from Gravitational Wave Event GW151226 and Candidate LVT151012 with ANTARES and IceCube,*

5. M.G. Aartsen et al. (IceCube Collaboration),
*Extending the Search for Muon Neutrinos Coincident with Gamma-Ray Bursts in IceCube Data,*


16. M.G. Aartsen et al. (IceCube Collaboration), *Constraints on Ultra-High-Energy Cosmic-Ray Sources from a Search for Neutrinos*
Above 10 PeV with IceCube,

17. M.G. Aartsen et al. (IceCube Collaboration),
Search for Sources of High Energy Neutrons with Four Years of Data from the IceTop Detector,

18. M.G. Aartsen et al. (IceCube Collaboration),
All-flavour Search for Neutrinos from Dark Matter Annihilations in the Milky Way with IceCube/DeepCore,

19. M.G. Aartsen et al. (IceCube Collaboration),
Searches for Sterile Neutrinos with the IceCube Detector,

20. M.G. Aartsen et al. (IceCube Collaboration),
Lowering IceCube’s Energy Threshold for Point Source Searches in the Southern Sky,

21. S. Adrian-Martinez et al. (ANTARES, IceCube, LIGO Scientific, and Virgo Collaborations),
High-Energy Neutrino Follow-Up Search of Gravitational Wave Event GW150914 with ANTARES and IceCube,

22. M.G. Aartsen et al. (IceCube Collaboration),
An All-Sky Search for Three Flavors of Neutrinos from Gamma-Ray Bursts with the IceCube Neutrino Observatory,

23. M.G. Aartsen et al. (IceCube Collaboration),
Improved Limits on Dark Matter Annihilation in the Sun with the 79-string IceCube Detector and Implications for Supersymmetry,

24. S. Adrian-Martinez et al. (ANTARES and IceCube Collaborations),
First Combined Search for Neutrino Point-Sources in the Southern Hemisphere with the ANTARES and IceCube Neutrino Telescopes,

25. M.G. Aartsen et al. (IceCube Collaboration),
Neutrino Oscillation Studies with IceCube-DeepCore,
26. M.G. Aartsen et al. (IceCube Collaboration),
*Searches for Relativistic Magnetic Monopoles in IceCube*,

27. M.G. Aartsen et al. (IceCube, Pierre Auger, and Telescope Array Collaborations),
*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*,

28. M.G. Aartsen et al. (IceCube Collaboration),
*Search for Astrophysical Tau Neutrinos in Three Years of IceCube Data*,

29. M.G. Aartsen et al. (IceCube Collaboration),
*Search for Transient Astrophysical Neutrino Emission with IceCube-DeepCore*,

30. M.G. Aartsen et al. (IceCube Collaboration),
*Evidence for Astrophysical Muon Neutrinos from the Northern Sky with IceCube*,

31. M.G. Aartsen et al. (IceCube Collaboration),

32. M.G. Aartsen et al. (IceCube Collaboration),
*Characterization of the Atmospheric Muon Flux in IceCube*,

33. M.G. Aartsen et al. (IceCube Collaboration),
*Detection of a Type IIn Supernova in Optical Follow-up Observations of IceCube Neutrino Events*,

34. M.G. Aartsen et al. (IceCube Collaboration),
*Search for Dark Matter Annihilation in the Galactic Center with IceCube-79*,

35. M.G. Aartsen et al. (IceCube Collaboration),
*Measurement of the Atmospheric νe Spectrum with IceCube*,

36. M.G. Aartsen et al. (IceCube Collaboration),
*Searches for Time-Dependent Neutrino Sources with IceCube Data from 2008 to 2012*,
37. M.G. Aartsen et al. (IceCube Collaboration),
*Flavor Ratio of Astrophysical Neutrinos above 35 TeV in IceCube*,

38. M.G. Aartsen et al. (IceCube Collaboration),
*Search for Prompt Neutrino Emission from Gamma-Ray Bursts with IceCube*,

39. M.G. Aartsen et al. (IceCube Collaboration),
*Determining Neutrino Oscillation Parameters from Atmospheric Muon Neutrino Disappearance with Three Years of IceCube DeepCore Data*,

40. M.G. Aartsen et al. (IceCube Collaboration),
*Atmospheric and Astrophysical Neutrinos above 1 TeV Interacting in IceCube*,

41. M.G. Aartsen et al. (IceCube Collaboration),
*Development of a General Analysis and Unfolding Scheme and its Application to Measure the Energy Spectrum of Atmospheric Neutrinos with IceCube*,

42. M.G. Aartsen et al. (IceCube Collaboration),
*Searches for Small-Scale Anisotropies from Neutrino Point Sources with Three Years of IceCube Data*,

43. M.G. Aartsen et al. (IceCube, LIGO and Virgo Collaborations),
*Multimessenger Search for Sources of Gravitational Waves and High-Energy Neutrinos: Results for Initial LIGO-Virgo and IceCube*,

44. M.G. Aartsen et al. (IceCube Collaboration),
*Multipole Analysis of IceCube Data to Search for Dark Matter Accumulated in the Galactic Halo*,

45. M.G. Aartsen et al. (IceCube Collaboration),
*Searches for Extended and Point-like Neutrino Sources with Four Years of IceCube Data*,

46. M.G. Aartsen et al. (IceCube Collaboration),
*Observation of High-Energy Astrophysical Neutrinos in Three Years of IceCube Data*,
47. M.G. Aartsen et al. (IceCube Collaboration),
Search for Non-Relativistic Magnetic Monopoles with IceCube,

48. M.G. Aartsen et al. (IceCube Collaboration),
Search for Neutrino-Induced Particle Showers with IceCube-40,

49. M.G. Aartsen et al. (IceCube Collaboration),
Search for a Diffuse Flux of Astrophysical Muon Neutrinos with the IceCube 59-string Configuration,

50. M.G. Aartsen et al. (IceCube Collaboration),
The IceProd Framework: Distributed Data Processing for the IceCube Neutrino Observatory,

51. M.G. Aartsen et al. (IceCube Collaboration),
Energy Reconstruction Methods in the IceCube Neutrino Telescope,

52. M.G. Aartsen et al. (IceCube Collaboration),
Probing the Origin of Cosmic Rays with Extremely High-Energy Neutrinos Using the IceCube Observatory,

53. M.G. Aartsen et al. (IceCube Collaboration),
Improvement in Fast Particle Track Reconstruction with Robust Statistics,

54. M.G. Aartsen et al. (IceCube Collaboration),
Search for Time-Independent Neutrino Emission from Astrophysical Sources with 3 Years of IceCube Data,

55. M.G. Aartsen et al. (IceCube Collaboration),
Measurement of the Cosmic-Ray Energy Spectrum with IceTop-73,

56. M.G. Aartsen et al. (IceCube Collaboration),
An IceCube Search for Dark Matter Annihilation in Nearby Galaxies and Galaxy Clusters,
57. M.G. Aartsen et al. (IceCube Collaboration),
Observation of the Cosmic-Ray Shadow of the Moon with IceCube,

58. M.G. Aartsen et al. (IceCube Collaboration),
Evidence for High-Energy Extraterrestrial Neutrinos at the IceCube Detector,

59. M.G. Aartsen et al. (IceCube Collaboration),
South Pole Glacial Climate Reconstruction from Multi-Borehole Laser Particulate Stratigraphy,

60. M.G. Aartsen et al. (IceCube Collaboration),
Measurement of Atmospheric Neutrino Oscillations with IceCube,

61. M.G. Aartsen et al. (IceCube Collaboration),
First Observation of PeV-Energy Neutrinos with IceCube,

62. M.G. Aartsen et al. (IceCube Collaboration),
Measurement of South Pole Ice Transparency with the IceCube LED Calibration System,

63. M.G. Aartsen et al. (IceCube Collaboration),
Measurement of the Atmospheric $\nu_e$ Flux in IceCube,

64. M.G. Aartsen et al. (IceCube Collaboration),
Search for Dark Matter Annihilations in the Sun with the 79-String IceCube Detector,

65. M.G. Aartsen et al. (IceCube Collaboration),
Search for Galactic PeV Gamma Rays with the IceCube Neutrino Observatory,

66. R.U. Abbasi et al. (IceCube Collaboration),
Searches for High-Energy Neutrino Emission in the Galaxy with the Combined IceCube-AMANDA Detector,

67. R.U. Abbasi et al. (IceCube Collaboration),
Search for Relativistic Magnetic Monopoles with IceCube,
68. R.U. Abbasi et al. (IceCube Collaboration),
   An Improved Method for Measuring Muon Energy Using the Truncated Mean of dE/dx,

69. R.U. Abbasi et al. (IceCube Collaboration),
   Lateral Distribution of Muons in IceCube Cosmic-Ray Events,

70. R.U. Abbasi et al. (IceCube Collaboration),
   IceTop: The Surface Component of IceCube,

71. R.U. Abbasi et al. (IceCube Collaboration),
   Cosmic-Ray Composition and Energy Spectrum from 1-30 PeV Using the 40-String Configuration of IceTop and IceCube,

72. P. Scott, C. Savage, J. Edsjo, and the IceCube Collaboration,
   Use of Event-Level Neutrino Telescope Data in Global Fits for Theories of New Physics,

73. R.U. Abbasi et al. (IceCube Collaboration),
   An Absence of Neutrinos Associated with Cosmic-Ray Acceleration in Gamma-Ray Bursts,

74. R.U. Abbasi et al. (IceCube Collaboration),
   Search for Ultrahigh-Energy Tau Neutrinos with IceCube,

75. M.G. Aartsen et al. (IceCube Collaboration),
   All-Particle Cosmic-Ray Energy Spectrum Measured with 26 IceTop Stations,

76. R.U. Abbasi et al. (IceCube Collaboration),
   Multi-Year Search for Dark Matter Annihilations in the Sun with the AMANDA-II and IceCube Detectors,

77. R.U. Abbasi et al. (IceCube and ROTSE Collaboration),
   Searching for Soft Relativistic Jets in Core-Collapse Supernovae with the IceCube Optical Follow-up Program,

78. R.U. Abbasi et al. (IceCube Collaboration),
   The Design and Performance of IceCube DeepCore,
79. R.U. Abbasi et al. (IceCube Collaboration),
*Observation of an Anisotropy in the Galactic Cosmic-Ray Arrival Direction at 400 TeV with IceCube*,

80. R.U. Abbasi et al. (IceCube Collaboration),
*Searches for Periodic Neutrino Emission from Binary Systems with 22 and 40 Strings of IceCube*,

81. R.U. Abbasi et al. (IceCube Collaboration),
*IceCube Sensitivity for Low-Energy Neutrinos from Nearby Supernovae*,

82. R.U. Abbasi et al. (IceCube Collaboration),
*Neutrino Analysis of the 2010 September Crab Nebula Flare and Time-Integrated Constraints on Neutrino Emission from the Crab Using IceCube*,

83. R.U. Abbasi et al. (IceCube Collaboration),
*A Search for a Diffuse Flux of Astrophysical Muon Neutrinos with the IceCube 40-String Detector*,

84. R.U. Abbasi et al. (IceCube Collaboration),
*Time-Dependent Searches for Point Sources of Neutrinos with the 40-String and 22-String Configurations of IceCube*,

85. R.U. Abbasi et al. (IceCube Collaboration),
*Constraints on the Extremely-High Energy Cosmic Neutrino Flux with the IceCube 2008-2009 Data*,

86. R.U. Abbasi et al. (IceCube Collaboration),
*Background Studies for Acoustic Neutrino Detection at the South Pole*,

87. R.U. Abbasi et al. (IceCube Collaboration),
*Constraints on High-Energy Neutrino Emission from SN 2008D*,

88. R.U. Abbasi et al. (IceCube Collaboration),
*Search for Dark Matter from the Galactic Halo with the IceCube Neutrino Observatory*,
89. R.U. Abbasi et al. (IceCube Collaboration),
    *Search for Neutrino-Induced Cascades with Five Years of AMANDA Data*,

90. R.U. Abbasi et al. (IceCube Collaboration),
    *First Search for Atmospheric and Extraterrestrial Neutrino-Induced Cascades with the IceCube Detector*,

91. R.U. Abbasi et al. (IceCube Collaboration),
    *Limits on Neutrino Emission from Gamma-Ray Bursts with the 40 String IceCube Detector*,

92. R.U. Abbasi et al. (IceCube Collaboration),
    *Time-Integrated Searches for Point-Like Sources of Neutrinos with the 40-String IceCube Detector*,

93. R.U. Abbasi et al. (IceCube Collaboration),
    *Search for a Lorentz-Violating Sidereal Signal with Atmospheric Neutrinos in IceCube*,

94. R.U. Abbasi et al. (IceCube Collaboration),
    *Measurement of the Atmospheric Neutrino Energy Spectrum from 100 GeV to 400 TeV with IceCube*,

95. R.U. Abbasi et al. (IceCube Collaboration),
    *Search for Relativistic Magnetic Monopoles with the AMANDA-II Neutrino Telescope*,

96. R.U. Abbasi et al. (IceCube Collaboration),
    *The First Search for Extremely-High Energy Cosmogenic Neutrinos with the IceCube Neutrino Observatory*,

97. R.U. Abbasi et al. (IceCube Collaboration),
    *Measurement of the Anisotropy of Cosmic-Ray Arrival Directions with IceCube*,

98. R.U. Abbasi et al. (IceCube Collaboration),
    *The Energy Spectrum of Atmospheric Neutrinos between 2 and 200 TeV with the AMANDA-II Detector*,
99. R.U. Abbasi et al. (IceCube Collaboration),
*Measurement of Acoustic Attenuation in South Pole Ice*,

100. R.U. Abbasi et al. (IceCube Collaboration),
*Calibration and Characterization of the IceCube Photomultiplier Tube*,

101. R.U. Abbasi et al. (IceCube Collaboration),
*Extending the Search for Neutrino Point Sources with IceCube Above the Horizon*,

102. R.U. Abbasi et al. (IceCube Collaboration),
*Limits on a Muon Flux from Kaluza-Klein Dark Matter Annihilations in the Sun from the IceCube 22-string Detector*,

103. R.U. Abbasi et al. (IceCube Collaboration),
*Measurement of Sound Speed vs. Depth in South Pole Ice for Neutrino Astronomy*,

104. R.U. Abbasi et al. (IceCube Collaboration),
*Search for Muon Neutrinos from Gamma-Ray Bursts with the IceCube Neutrino Telescope*,

105. R.U. Abbasi et al. (IceCube Collaboration),
*First Neutrino Point-Source Results From the 22-String IceCube Detector*,

106. R.U. Abbasi et al. (IceCube Collaboration),
*Limits on a Muon Flux from Neutralino Annihilations in the Sun with the IceCube 22-String Detector*,

107. R.U. Abbasi et al. (IceCube Collaboration),
*Determination of the Atmospheric Neutrino Flux and Searches for New Physics with AMANDA-II*,

108. R.U. Abbasi et al. (IceCube Collaboration),
*Search for High-Energy Muon Neutrinos from the “Naked-Eye” GRB 080319B with the IceCube Neutrino Telescope*,
109. R.U. Abbasi et al. (IceCube Collaboration),
*The IceCube Data Acquisition System: Signal Capture, Digitization, and Timestamping*,

110. R.U. Abbasi et al. (IceCube Collaboration),
*Solar Energetic Particle Spectrum on 13 December 2006 Determined by IceTop*,

111. R.U. Abbasi et al. (IceCube Collaboration),
*Search for Point Sources of High-Energy Neutrinos with Final Data from AMANDA-II*,

2.3 Pierre Auger Collaboration

1. P. Abreu et al. (Pierre Auger Collaboration),
*Antennas for the Detection of Radio Emission Pulses from Cosmic-Ray Induced Air Showers at the Pierre Auger Observatory*,

2. P. Abreu et al. (Pierre Auger Collaboration),
*The Rapid Atmospheric Monitoring System of the Pierre Auger Observatory*,

3. P. Abreu et al. (Pierre Auger Collaboration),
*A Search for Ultrahigh-Energy Neutrinos in Highly Inclined Events at the Pierre Auger Observatory*,

4. P. Abreu et al. (Pierre Auger Collaboration),
*Description of Atmospheric Conditions at the Pierre Auger Observatory Using the Global Data Assimilation System (GDAS)*,

5. P. Abreu et al. (Pierre Auger Collaboration),
*The Effect of the Geomagnetic Field on Cosmic-Ray Energy Estimates and Large-Scale Anisotropy Searches on Data from the Pierre Auger Observatory*,

6. J. Abraham et al. (Pierre Auger Collaboration),
*Trigger and Aperture of the Surface Detector Array of the Pierre Auger Observatory*,

7. P. Abreu et al. (Pierre Auger Collaboration),
*The Lateral Trigger Probability Function for the Ultrahigh-Energy Cosmic-Ray Showers Detected by the Pierre Auger Observatory*,
8. P. Abreu et al. (Pierre Auger Collaboration),

*Search for Signatures of Magnetically-Induced Alignment in the Arrival Directions Measured by the Pierre Auger Observatory,*


9. P. Abreu et al. (Pierre Auger Collaboration),

*Anisotropy and Chemical Composition of Ultrahigh-Energy Cosmic Rays Using Arrival Directions Measured by the Pierre Auger Observatory,*


10. P. Abreu et al. (Pierre Auger Collaboration),

*Search for First Harmonic Modulation in the Right Ascension Distribution of Cosmic Rays Detected at the Pierre Auger Observatory,*


11. P. Abreu et al. (Pierre Auger Collaboration),

*The Exposure of the Hybrid Detector of the Pierre Auger Observatory,*


12. J. Abraham et al. (Pierre Auger Collaboration),

*Measurement of the Energy Spectrum of Cosmic Rays Above $10^{18}$ eV Using the Pierre Auger Observatory,*


13. J. Abraham et al. (Pierre Auger Collaboration),

*Measurement of the Depth of Maximum of Extensive Air Showers above $10^{18}$ eV,*


14. J. Abraham et al. (Pierre Auger Collaboration),

*A Study of the Effect of Molecular and Aerosol Conditions in the Atmosphere on Air Fluorescence Measurements at the Pierre Auger Observatory,*


15. J. Abraham et al. (Pierre Auger Collaboration),

*The Fluorescence Detector of the Pierre Auger Observatory,*


16. J. Abraham et al. (Pierre Auger Collaboration),

*Atmospheric Effects on Extensive Air Showers Observed with the Surface Detector of the Pierre Auger Observatory,*


17. J. Abraham et al. (Pierre Auger Collaboration),

*Limit on the Diffuse Flux of Ultrahigh-Energy $\tau$ Neutrinos with the Surface Detector of the Pierre Auger Observatory,*

18. J. Abraham et al. (Pierre Auger Collaboration),
*Upper Limit on the Cosmic-Ray Photon Fraction at EeV Energies from the Pierre Auger Observatory*,

19. J. Abraham et al. (Pierre Auger Collaboration),
*Observation of the Suppression of the Flux of Cosmic Rays above $4 \times 10^{19} \text{eV}$*,

20. J. Abraham et al. (Pierre Auger Collaboration),
*Correlation of the Highest-Energy Cosmic Rays with the Positions of Nearby Active Galactic Nuclei*,

21. J. Abraham et al. (Pierre Auger Collaboration),
*Upper Limit on the Diffuse Flux of UHE $\tau$ Neutrinos from the Pierre Auger Observatory*,

22. J. Abraham et al. (Pierre Auger Collaboration),
*Upper Limit on the Cosmic-Ray Photon Flux Above $10^{19} \text{eV}$ Using the Surface Detector of the Pierre Auger Observatory*,

23. J. Abraham et al. (Pierre Auger Collaboration),
*Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects*,

24. J. Abraham et al. (Pierre Auger Collaboration),
*Anisotropy Studies Around the Galactic Centre at EeV Energies with the Auger Observatory*,

25. J. Abraham et al. (Pierre Auger Collaboration),
*An Upper Limit to the Photon-Fraction in Cosmic Rays Above $10^{19} \text{eV}$ from the Pierre Auger Observatory*,

2.4 High-Resolution Fly’s Eye (HiRes) Collaboration

1. R.U. Abbasi et al. (HiRes Collaboration),
*First Observation of the Greisen-Zatsepin-Kuzmin Suppression*,

2. R.U. Abbasi et al. (HiRes Collaboration),
*An Alternative Method to Finding Patterns in HiRes Stereo Data*,
3. R.U. Abbasi et al. (HiRes Collaboration),
Search for Point-Like Sources of Cosmic Rays with Energies Above $10^{18.5} \text{ eV}$ in the HiRes-1 Monocular Data Set,

4. R.U. Abbasi et al. (HiRes Collaboration),
Studies of Systematic Uncertainties in the Estimation of the Monocular Aperture of the HiRes Experiment,

5. R.U. Abbasi et al. (HiRes Collaboration),
A Measurement of Time-Averaged Aerosol Optical Depth Using Air Showers Observed in Stereo by HiRes,

6. R.U. Abbasi et al. (HiRes Collaboration),
Techniques for Measuring Atmospheric Aerosols at the High-Resolution Fly’s Eye Experiment,

7. R.U. Abbasi et al. (HiRes Collaboration),
Monocular Measurement of the Spectrum of UHE Cosmic Rays by the FADC Detector of the HiRes Experiment,

8. R.U. Abbasi et al. (HiRes Collaboration),
Observation of the Ankle and Evidence for a High-Energy Break in the Cosmic-Ray Spectrum,

9. R.U. Abbasi et al. (HiRes Collaboration),
A Study of the Composition of Ultrahigh-Energy Cosmic Rays Using the High-Resolution Fly’s Eye,

10. R.U. Abbasi et al. (HiRes Collaboration),
A Search for Arrival Direction Clustering in the HiRes 1 Monocular Data above $10^{19.5} \text{ eV}$,

11. R.U. Abbasi et al. (HiRes Collaboration),
Search for Global Dipole Enhancements in the HiRes-I Monocular Data above $10^{18.5} \text{ eV}$,

12. T. Abu-Zayyad et al. (HiRes Collaboration),
Measurement of the Flux of Ultrahigh-Energy Cosmic Rays from Monocular Observations by the High-Resolution Fly’s Eye Experiment,
2.5 Milagro Collaboration

1. R. Atkins et al. (Milagro Collaboration),
   *TeV Gamma-Ray Survey of the Northern Hemisphere Sky Using the Milagro Observatory*,

2. R. Atkins et al. (Milagro Collaboration),
   *Limits on Very-High Energy Emission from Gamma-Ray Bursts with the Milagro Observatory*,

3. R. Atkins et al. (Milagro Collaboration),
   *Observation of TeV Gamma Rays from the Crab Nebula with Milagro Using a New Background Rejection Technique*,

4. A. Falcone et al. (Milagro Collaboration),
   *Observation of GeV Solar Energetic Particles from the 1997 November 6 Event Using Milagrito*,

5. R. Atkins et al. (Milagro Collaboration),
   *The High-Energy Gamma-Fluence and Energy Spectrum of GRB 970417a from Observations with Milagrito*,

6. K. Wang et al. (Milagro Collaboration),
   *A Survey of the Northern Sky for TeV Point Sources*,

7. R. Atkins et al. (Milagro Collaboration),
   *Evidence for TeV Emission from GRB 970417a*,

8. R. Atkins et al. (Milagro Collaboration),
   *Milagrito, a TeV Air Shower Array*,

9. R. Atkins et al. (Milagro Collaboration),
   *TeV Observations of Mrk 501 with the Milagrito Water Cherenkov Detector*,

2.6 Other Publications

1. R.S. Miller and S. Westerhoff,
   *Conceptual Design of a Next-Generation All-Sky Gamma-Ray Telescope Operating at*
An Upper Limit on the Infrared Background Density from HEGRA Data on Mrk 501,

3. S. Ommer, S. Westerhoff and H. Meyer,
Search for TeV Gamma-Rays from Extragalactic Point Sources with Neural Network γ/Hadron Separation,

4. K. Mannheim, S. Westerhoff, H. Meyer, and H.-H. Fink,
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