

Martin Pohl

List of Publications by Year in descending order

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255
papers

15,685
citations

23567

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times ranked

7664
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptonic Nonthermal Emission from Supernova Remnants Evolving in the Circumstellar Magnetic Field. <i>Astrophysical Journal</i> , 2022, 926, 140.	4.5	6
2	Diffusive Shock Acceleration at Oblique High Mach Number Shocks. <i>Astrophysical Journal</i> , 2022, 929, 7.	4.5	5
3	Suppression of the TeV Pair-beam Plasma Instability by a Tangled Weak Intergalactic Magnetic Field. <i>Astrophysical Journal</i> , 2022, 929, 67.	4.5	4
4	Assessing the Impact of Hydrogen Absorption on the Characteristics of the Galactic Center Excess. <i>Astrophysical Journal</i> , 2022, 929, 136.	4.5	14
5	The electron foreshock at high-Mach-number non-relativistic oblique shocks. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	6
6	Preacceleration in the Electron Foreshock. I. Electron Acoustic Waves. <i>Astrophysical Journal</i> , 2022, 931, 129.	4.5	7
7	Mildly relativistic magnetized shocks in electron-ion plasmas II. Particle acceleration and heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5065-5074.	4.4	14
8	Magnetic Field Amplification by the Weibel Instability at Planetary and Astrophysical Shocks with High Mach Number. <i>Physical Review Letters</i> , 2021, 126, 095101.	7.8	20
9	Particle acceleration in supernova remnant expanding inside wind-blown bubble. , 2021, , .		1
10	Electron Acceleration at Rippled Low-mach-number Shocks in High-beta Collisionless Cosmic Plasmas. <i>Astrophysical Journal</i> , 2021, 919, 97.	4.5	12
11	Mildly relativistic magnetized shocks in electron-ion plasmas I. Electromagnetic shock structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4837-4849.	4.4	8
12	Time-dependent Treatment of Cosmic-ray Spectral Steepening Due to Turbulence Driving. <i>Astrophysical Journal</i> , 2021, 921, 121.	4.5	2
13	Evidence for Proton Acceleration up to TeV Energies Based on VERITAS and Fermi-LAT Observations of the Cas A SNR. <i>Astrophysical Journal</i> , 2020, 894, 51.	4.5	34
14	Production of secondary particles in heavy nuclei interactions in supernova remnants. <i>Astroparticle Physics</i> , 2020, 123, 102490.	4.3	9
15	VERITAS Discovery of VHE Emission from the Radio Galaxy 3C 264: A Multiwavelength Study. <i>Astrophysical Journal</i> , 2020, 896, 41.	4.5	13
16	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
17	Probing the Properties of the Pulsar Wind in the Gamma-Ray Binary HESS J0632+057 with NuSTAR and VERITAS Observations. <i>Astrophysical Journal</i> , 2020, 888, 115.	4.5	6
18	Rapid particle acceleration due to recollimation shocks and turbulent magnetic fields in injected jets with helical magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2652-2658.	4.4	17

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19	Kinetic Simulations of Nonrelativistic Perpendicular Shocks of Young Supernova Remnants. III. Magnetic Reconnection. <i>Astrophysical Journal</i> , 2020, 893, 6.	4.5	26
20	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical–Gamma-Ray Flux Increase. <i>Astrophysical Journal</i> , 2020, 891, 170.	4.5	22
21	Kinetic Simulation of Nonrelativistic Perpendicular Shocks of Young Supernova Remnants. IV. Electron Heating. <i>Astrophysical Journal</i> , 2020, 904, 12.	4.5	16
22	Kinetic Simulations of Nonrelativistic Perpendicular Shocks of Young Supernova Remnants. II. Influence of Shock-surfing Acceleration on Downstream Electron Spectra. <i>Astrophysical Journal</i> , 2019, 885, 10.	4.5	21
23	Coulomb Collisions as a Candidate for Temperature Anisotropy Constraints in the Solar Wind. <i>Astrophysical Journal Letters</i> , 2019, 871, L11.	8.3	8
24	Kinetic Simulations of Nonrelativistic Perpendicular Shocks of Young Supernova Remnants. I. Electron Shock-surfing Acceleration. <i>Astrophysical Journal</i> , 2019, 878, 5.	4.5	24
25	A Search for Pulsed Very High-energy Gamma-Rays from 13 Young Pulsars in Archival VERITAS Data. <i>Astrophysical Journal</i> , 2019, 876, 95.	4.5	6
26	Revisit of Nonlinear Landau Damping for Electrostatic Instability Driven by Blazar-induced Pair Beams. <i>Astrophysical Journal</i> , 2019, 873, 10.	4.5	14
27	Relativistic Jet Simulations of the Weibel Instability in the Slab Model to Cylindrical Jets with Helical Magnetic Fields. <i>Galaxies</i> , 2019, 7, 29.	3.0	11
28	Preliminary study for the laboratory experiment of cosmic-rays driven magnetic field amplification. <i>High Energy Density Physics</i> , 2019, 32, 31-43.	1.5	1
29	Measurement of the Extragalactic Background Light Spectral Energy Distribution with VERITAS. <i>Astrophysical Journal</i> , 2019, 885, 150.	4.5	30
30	Precursor Wave Amplification by Ion–Electron Coupling through Wakefield in Relativistic Shocks. <i>Astrophysical Journal Letters</i> , 2019, 883, L35.	8.3	18
31	Modelling the coincident observation of a high-energy neutrino and a bright blazar flare. <i>Nature Astronomy</i> , 2019, 3, 88-92.	10.1	152
32	Time variability of TeV cosmic ray sky map. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 896-900.	4.4	1
33	Electron Acceleration at Rippled Low Mach Number Shocks in Merging Galaxy Clusters. , 2019, , .		4
34	A Strong Limit on the Very-high-energy Emission from GRB 150323A. <i>Astrophysical Journal</i> , 2018, 857, 33.	4.5	8
35	The Electrostatic Instability for Realistic Pair Distributions in Blazar/EBL Cascades. <i>Astrophysical Journal</i> , 2018, 857, 43.	4.5	29
36	Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare. <i>Astrophysical Journal</i> , 2018, 856, 95.	4.5	27

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37	Galactic bulge preferred over dark matter for the Galactic centre gamma-ray excess. <i>Nature Astronomy</i> , 2018, 2, 387-392.	10.1	92
38	VERITAS Observations of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 861, L20.	8.3	27
39	HESS J1943+213: An Extreme Blazar Shining through the Galactic Plane. <i>Astrophysical Journal</i> , 2018, 862, 41.	4.5	15
40	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24.	4.5	21
41	Modeling of the spatially resolved nonthermal emission from the Vela Jr. supernova remnant. <i>Astronomy and Astrophysics</i> , 2018, 618, A155.	5.1	12
42	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. <i>Astrophysical Journal Letters</i> , 2018, 867, L19.	8.3	38
43	Nonthermal Emission from Stellar Bow Shocks. <i>Astrophysical Journal</i> , 2018, 864, 19.	4.5	22
44	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
45	A Very High Energy γ -Ray Survey toward the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2018, 861, 134.	4.5	37
46	Generation of quasi continuous-wave electron beams in an L-band normal conducting pulsed RF injector for laboratory astrophysics experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 903, 119-125.	1.6	1
47	Spectral Curvature of Shock-accelerated Particles in Solar Cycle 23. <i>Research Notes of the AAS</i> , 2018, 2, 145.	0.7	2
48	Gamma-ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi. <i>Astrophysical Journal</i> , 2017, 836, 23.	4.5	55
49	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7-3946. <i>Astrophysical Journal</i> , 2017, 840, 74.	4.5	14
50	Gamma-ray observations under bright moonlight with VERITAS. <i>Astroparticle Physics</i> , 2017, 91, 34-43.	4.3	17
51	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	4.5	29
52	Electron Pre-acceleration at Nonrelativistic High-Mach-number Perpendicular Shocks. <i>Astrophysical Journal</i> , 2017, 847, 71.	4.5	37
53	Search for Magnetically Broadened Cascade Emission from Blazars with VERITAS. <i>Astrophysical Journal</i> , 2017, 835, 288.	4.5	40
54	A Luminous and Isolated Gamma-Ray Flare from the Blazar B2 1215+30. <i>Astrophysical Journal</i> , 2017, 836, 205.	4.5	16

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55	On the Direct Correlation between Gamma-Rays and PeV Neutrinos from Blazars. <i>Astrophysical Journal</i> , 2017, 843, 109.	4.5	60
56	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
57	Spatio-temporal evolution of the non-resonant instability in shock precursors of young supernova remnants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4985-4998.	4.4	10
58	Dark matter constraints from a joint analysis of dwarf Spheroidal galaxy observations with VERITAS. <i>Physical Review D</i> , 2017, 95, .	4.7	76
59	Very-High-Energy \hat{I}^3 -Ray Observations of the Blazar 1ES 2344+514 with VERITAS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2117-2123.	4.4	13
60	Discovery of Very-high-energy Emission from RGB J2243+203 and Derivation of Its Redshift Upper Limit. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 7.	7.7	4
61	Microscopic Processes in Global Relativistic Jets Containing Helical Magnetic Fields: Dependence on Jet Radius. <i>Galaxies</i> , 2017, 5, 58.	3.0	10
62	A SEARCH FOR VERY HIGH ENERGY GAMMA RAYS FROM THE MISSING LINK BINARY PULSAR J1023+0038 WITH VERITAS. <i>Astrophysical Journal</i> , 2016, 831, 193.	4.5	6
63	TEV GAMMA-RAY OBSERVATIONS OF THE GALACTIC CENTER RIDGE BY VERITAS. <i>Astrophysical Journal</i> , 2016, 821, 129.	4.5	27
64	Microscopic Processes in Global Relativistic Jets Containing Helical Magnetic Fields. <i>Galaxies</i> , 2016, 4, 38.	3.0	12
65	VERY HIGH ENERGY OBSERVATIONS OF THE BINARIES V 404 CYG AND 4U 0115+634 DURING GIANT X-RAY OUTBURSTS. <i>Astrophysical Journal</i> , 2016, 831, 113.	4.5	3
66	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. <i>Journal of Instrumentation</i> , 2016, 11, P11009-P11009.	1.2	24
67	Transport of magnetic turbulence in supernova remnants. <i>Astronomy and Astrophysics</i> , 2016, 593, A20.	5.1	20
68	Very high energy outburst of Markarian 501 in May 2009. <i>Astronomy and Astrophysics</i> , 2016, 594, A76.	5.1	20
69	Discovery of very high energy gamma rays from 1ES \hat{A} 1440+122. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 202-208.	4.4	12
70	NONRELATIVISTIC PERPENDICULAR SHOCKS MODELING YOUNG SUPERNOVA REMNANTS: NONSTATIONARY DYNAMICS AND PARTICLE ACCELERATION AT FORWARD AND REVERSE SHOCKS. <i>Astrophysical Journal</i> , 2016, 820, 62.	4.5	28
71	EVOLUTION OF GLOBAL RELATIVISTIC JETS: COLLIMATIONS AND EXPANSION WITH k KHI AND THE WEIBEL INSTABILITY. <i>Astrophysical Journal</i> , 2016, 820, 94.	4.5	36
72	EXCEPTIONALLY BRIGHT TEV FLARES FROM THE BINARY LS I \hat{A} +61 \hat{A} $^\circ$ 303. <i>Astrophysical Journal Letters</i> , 2016, 817, L7.	8.3	17

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73	VERITAS and multiwavelength observations of the BL Lacertae object 1ES 1741+196. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2550-2557.	4.4	12
74	Particle-in-cell Simulations of Global Relativistic Jets with Helical Magnetic Fields. Proceedings of the International Astronomical Union, 2016, 12, 199-202.	0.0	4
75	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. Astrophysical Journal, 2016, 819, 156.	4.5	90
76	UPPER LIMITS FROM FIVE YEARS OF BLAZAR OBSERVATIONS WITH THE VERITAS CHERENKOV TELESCOPES. Astronomical Journal, 2016, 151, 142.	4.7	24
77	Particle diffusion and localized acceleration in inhomogeneous AGN jets – II. Stochastic variation. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3260-3271.	4.4	22
78	A SEARCH FOR BRIEF OPTICAL FLASHES ASSOCIATED WITH THE SETI TARGET KIC 8462852. Astrophysical Journal Letters, 2016, 818, L33.	8.3	54
79	X-RAY OBSERVATIONS OF BOW SHOCKS AROUND RUNAWAY O STARS. THE CASE OF η OPH AND BD+43 $^{\circ}$ 3654. Astrophysical Journal, 2016, 821, 79.	4.5	22
80	Reacceleration of electrons in supernova remnants. Astronomy and Astrophysics, 2015, 574, A43.	5.1	22
81	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. Astrophysical Journal, 2015, 812, 65.	4.5	49
82	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. Astronomy and Astrophysics, 2015, 576, A126.	5.1	84
83	Multiwavelength observations of Mrk 501 in 2008. Astronomy and Astrophysics, 2015, 573, A50.	5.1	49
84	Analysis of GeV-band γ -ray emission from supernova remnant RX J1713.7-3946. Astronomy and Astrophysics, 2015, 577, A12.	5.1	23
85	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. Astrophysical Journal Letters, 2015, 815, L22.	8.3	69
86	A SEARCH FOR PULSATIONS FROM GEMINGA ABOVE 100 GeV WITH VERITAS. Astrophysical Journal, 2015, 800, 61.	4.5	13
87	VERITAS OBSERVATIONS OF THE BL LAC OBJECT PG 1553+113. Astrophysical Journal, 2015, 799, 7.	4.5	27
88	Particle diffusion and localized acceleration in inhomogeneous AGN jets – I. Steady-state spectra. Monthly Notices of the Royal Astronomical Society, 2015, 447, 530-544.	4.4	19
89	Indirect and direct search for dark matter. Progress in Particle and Nuclear Physics, 2015, 85, 1-32.	14.4	116
90	<i>VERITAS</i> DETECTION OF γ -RAY FLARING ACTIVITY FROM THE BL LAC OBJECT 1ES 1727+502 DURING BRIGHT MOONLIGHT OBSERVATIONS. Astrophysical Journal, 2015, 808, 110.	4.5	33

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91	The Cherenkov Telescope Array potential for the study of young supernova remnants. <i>Astroparticle Physics</i> , 2015, 62, 152-164.	4.3	7
92	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. <i>Astronomy and Astrophysics</i> , 2015, 578, A22.	5.1	92
93	A SEARCH FOR ENHANCED VERY HIGH ENERGY GAMMA-RAY EMISSION FROM THE 2013 MARCH CRAB NEBULA FLARE. <i>Astrophysical Journal Letters</i> , 2014, 781, L11.	8.3	30
94	Magnetic field amplification and saturation in turbulence behind a relativistic shock. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3490-3503.	4.4	46
95	MAGNETIC FIELD GENERATION IN CORE-SHEATH JETS VIA THE KINETIC KELVIN-HELMHOLTZ INSTABILITY. <i>Astrophysical Journal</i> , 2014, 793, 60.	4.5	25
96	A THREE-YEAR MULTI-WAVELENGTH STUDY OF THE VERY-HIGH-ENERGY γ -RAY BLAZAR 1ES 0229+200. <i>Astrophysical Journal</i> , 2014, 782, 13.	4.5	64
97	VERY-HIGH ENERGY OBSERVATIONS OF THE GALACTIC CENTER REGION BY VERITAS IN 2010-2012. <i>Astrophysical Journal</i> , 2014, 790, 149.	4.5	18
98	Magnetic field amplification and flat spectrum radio quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2188-2199.	4.4	17
99	The most powerful flaring activity from the NLSy1 PMN J0948+0022. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 2456-2467.	4.4	38
100	OBSERVATIONS OF THE UNIDENTIFIED GAMMA-RAY SOURCE TeV J2032+4130 BY VERITAS. <i>Astrophysical Journal</i> , 2014, 783, 16.	4.5	44
101	TEST OF MODELS OF THE COSMIC INFRARED BACKGROUND WITH MULTI-WAVELENGTH OBSERVATIONS OF THE BLAZAR 1ES 1218+30.4 IN 2009. <i>Astrophysical Journal</i> , 2014, 788, 158.	4.5	2
102	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	8.3	38
103	SPATIALLY RESOLVING THE VERY HIGH ENERGY EMISSION FROM MGRO J2019+37 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 788, 78.	4.5	46
104	INVESTIGATING THE TeV MORPHOLOGY OF MGRO J1908+06 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 787, 166.	4.5	34
105	INVESTIGATING BROADBAND VARIABILITY OF THE TeV BLAZAR 1ES 1959+650. <i>Astrophysical Journal</i> , 2014, 797, 89.	4.5	29
106	Observation of Markarian 421 in TeV gamma rays over a 14-year time span. <i>Astroparticle Physics</i> , 2014, 54, 1-10.	4.3	38
107	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. <i>Astrophysical Journal</i> , 2014, 780, 168.	4.5	39
108	CONSTRAINTS ON VERY HIGH ENERGY EMISSION FROM GRB 130427A. <i>Astrophysical Journal Letters</i> , 2014, 795, L3.	8.3	26

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109	CONNECTION BETWEEN MAGNETIC FIELD AMPLIFICATION AND BLAZAR FLARES. International Journal of Modern Physics Conference Series, 2014, 28, 1460180.	0.7	2
110	DISCOVERY OF TeV GAMMA-RAY EMISSION TOWARD SUPERNOVA REMNANT SNR G78.2+2.1. Astrophysical Journal, 2013, 770, 93.	4.5	46
111	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
112	The average GeV-band emission from gamma-ray bursts. Astronomy and Astrophysics, 2013, 551, A89.	5.1	5
113	Parametric study of non-relativistic electrostatic shocks and the structure of their transition layer. Physics of Plasmas, 2013, 20, .	1.9	19
114	MULTIWAVELENGTH OBSERVATIONS OF THE TeV BINARY LS I +61° 303 WITH VERITAS, Fermi-LAT, AND Swift/XRT DURING A TeV OUTBURST. Astrophysical Journal, 2013, 779, 88.	4.5	12
115	UNDERSTANDING TeV-BAND COSMIC-RAY ANISOTROPY. Astrophysical Journal, 2013, 766, 4.	4.5	47
116	DISCOVERY OF A NEW TeV GAMMA-RAY SOURCE: VER J0521+211. Astrophysical Journal, 2013, 776, 69.	4.5	33
117	MULTIWAVELENGTH OBSERVATIONS AND MODELING OF 1ES 1959+650 IN A LOW FLUX STATE. Astrophysical Journal, 2013, 775, 3.	4.5	25
118	Modification of the formation of high-Mach number electrostatic shock-like structures by the ion acoustic instability. Physics of Plasmas, 2013, 20, .	1.9	13
119	IS THE GALACTIC COSMIC-RAY SPECTRUM CONSTANT IN TIME?. Astrophysical Journal, 2013, 769, 138.	4.5	4
120	LONG TERM OBSERVATIONS OF B2 1215+30 WITH VERITAS. Astrophysical Journal, 2013, 779, 92.	4.5	21
121	VERITAS OBSERVATIONS OF THE MICROQUASAR CYGNUS X-3. Astrophysical Journal, 2013, 779, 150.	4.5	16
122	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. Astrophysical Journal, 2013, 762, 92.	4.5	80
123	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM CTA 1 BY VERITAS. Astrophysical Journal, 2013, 764, 38.	4.5	31
124	Magnetic field generation in a jet-sheath plasma via the kinetic Kelvin-Helmholtz instability. Annales Geophysicae, 2013, 31, 1535-1541.	1.6	19
125	Magnetic Field Amplification and Blazar Flares. EPJ Web of Conferences, 2013, 61, 05011.	0.3	2
126	THE 2010 VERY HIGH ENERGY γ -RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. Astrophysical Journal, 2012, 746, 151.	4.5	145

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127	Spectral analysis of the gamma-ray background near the dwarf Milky Way satellite Segue 1: Improved limits on the cross section of neutralino dark matter annihilation. <i>Physical Review D</i> , 2012, 86, .	4.7	15
128	MAGNETIC FIELD AMPLIFICATION BY RELATIVISTIC SHOCKS IN AN INHOMOGENEOUS MEDIUM. <i>International Journal of Modern Physics Conference Series</i> , 2012, 08, 364-367.	0.7	0
129	DISCOVERY OF HIGH-ENERGY AND VERY HIGH ENERGY $\hat{\gamma}$ -RAY EMISSION FROM THE BLAZAR RBS 0413. <i>Astrophysical Journal</i> , 2012, 750, 94.	4.5	42
130	VERITAS OBSERVATIONS OF SIX BRIGHT, HARD-SPECTRUM <i>FERMI</i> -LAT BLAZARS. <i>Astrophysical Journal</i> , 2012, 759, 102.	4.5	9
131	SEARCH FOR A CORRELATION BETWEEN VERY-HIGH-ENERGY GAMMA RAYS AND GIANT RADIO PULSES IN THE CRAB PULSAR. <i>Astrophysical Journal</i> , 2012, 760, 136.	4.5	14
132	MULTIWAVELENGTH OBSERVATIONS OF THE AGN 1ES 0414+009 WITH VERITAS, <i>FERMI</i> -LAT, <i>SWIFT</i> -XRT, AND MDM. <i>Astrophysical Journal</i> , 2012, 755, 118.	4.5	26
133	VERITAS OBSERVATIONS OF DAY-SCALE FLARING OF M 87 IN 2010 APRIL. <i>Astrophysical Journal</i> , 2012, 746, 141.	4.5	41
134	CONSTRAINTS ON COSMIC RAYS, MAGNETIC FIELDS, AND DARK MATTER FROM GAMMA-RAY OBSERVATIONS OF THE COMA CLUSTER OF GALAXIES WITH VERITAS AND <i>FERMI</i> . <i>Astrophysical Journal</i> , 2012, 757, 123.	4.5	92
135	Particle Acceleration in Relativistic Outflows. <i>Space Science Reviews</i> , 2012, 173, 309-339.	8.1	74
136	VERITAS OBSERVATIONS OF THE NOVA IN V407 CYGNI. <i>Astrophysical Journal</i> , 2012, 754, 77.	4.5	24
137	NONRELATIVISTIC PARALLEL SHOCKS IN UNMAGNETIZED AND WEAKLY MAGNETIZED PLASMAS. <i>Astrophysical Journal</i> , 2012, 759, 73.	4.5	35
138	VERITAS deep observations of the dwarf spheroidal galaxy Segue 1. <i>Physical Review D</i> , 2012, 85, .	4.7	76
139	COULD COSMIC RAYS AFFECT INSTABILITIES IN THE TRANSITION LAYER OF NONRELATIVISTIC COLLISIONLESS SHOCKS?. <i>Astrophysical Journal</i> , 2012, 746, 24.	4.5	9
140	Particle spectra from acceleration at forward and reverse shocks of young Type Ia Supernova Remnants. <i>Astroparticle Physics</i> , 2012, 35, 300-311.	4.3	40
141	Particle Acceleration in Relativistic Outflows. <i>Space Sciences Series of ISSI</i> , 2012, , 309-339.	0.0	1
142	Time-dependent escape of cosmic rays from supernova remnants, and their interaction with dense media. <i>Astronomy and Astrophysics</i> , 2012, 541, A153.	5.1	30
143	The properties of non-thermal X-ray filaments in young supernova remnants. <i>Astronomy and Astrophysics</i> , 2012, 545, A47.	5.1	17
144	VERITAS OBSERVATIONS OF GAMMA-RAY BURSTS DETECTED BY <i>SWIFT</i> . <i>Astrophysical Journal</i> , 2011, 743, 62.	4.5	42

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145	The GeV-TeV Galactic gamma-ray diffuse emission. <i>Astronomy and Astrophysics</i> , 2011, 531, A37.	5.1	28
146	CAN ULTRAHIGH-ENERGY COSMIC RAYS COME FROM GAMMA-RAY BURSTS? COSMIC RAYS BELOW THE ANKLE AND GALACTIC GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2011, 738, L21.	8.3	15
147	ORIGIN OF ULTRA-HIGH-ENERGY GALACTIC COSMIC RAYS: THE ISOTROPY PROBLEM. <i>Astrophysical Journal</i> , 2011, 742, 114.	4.5	15
148	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	4.5	209
149	MAGNETIC-FIELD AMPLIFICATION BY TURBULENCE IN A RELATIVISTIC SHOCK PROPAGATING THROUGH AN INHOMOGENEOUS MEDIUM. <i>Astrophysical Journal</i> , 2011, 726, 62.	4.5	52
150	VERITAS OBSERVATIONS OF THE UNUSUAL EXTRAGALACTIC TRANSIENT SWIFT J164449.3+573451. <i>Astrophysical Journal Letters</i> , 2011, 738, L30.	8.3	11
151	MULTIWAVELENGTH OBSERVATIONS OF THE PREVIOUSLY UNIDENTIFIED BLAZAR RX J0648.7+1516. <i>Astrophysical Journal</i> , 2011, 742, 127.	4.5	33
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