

Martin Pohl

List of Publications by Year in descending order

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255
papers

15,685
citations

23567

58
h-index

19749

117
g-index

259
all docs

259
docs citations

259
times ranked

7664
citing authors

#	ARTICLE	IF	CITATIONS
1	The Third EGRET Catalog of High-Energy Gamma-Ray Sources. <i>Astrophysical Journal, Supplement Series</i> , 1999, 123, 79-202.	7.7	1,454
2	Measurement of the Cosmic Ray e^+ from 20 GeV to 1 TeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2009, 102, 181101.	7.7	774
3	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
4	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
5	EGRET Observations of the Extragalactic Gamma-Ray Emission. <i>Astrophysical Journal</i> , 1998, 494, 523-534.	4.5	631
6	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	4.3	504
7	High-energy particle acceleration in the shell of a supernova remnant. <i>Nature</i> , 2004, 432, 75-77.	27.8	450
8	Very high energy gamma rays from the direction of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2004, 425, L13-L17.	5.1	332
9	On possible interpretations of the high energy electron-positron spectrum measured by the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 140-151.	4.3	221
10	A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107.	12.6	217
11	EGRET Observations of High-Energy Gamma-Ray Emission from Blazars: An Update. <i>Astrophysical Journal</i> , 1997, 490, 116-135.	4.5	217
12	A Million Second Chandra View of Cassiopeia A. <i>Astrophysical Journal</i> , 2004, 615, L117-L120.	4.5	216
13	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7-3946 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 734, 28.	4.5	209
14	A connection between star formation activity and cosmic rays in the starburst galaxy M82. <i>Nature</i> , 2009, 462, 770-772.	27.8	208
15	Multiwavelength Observations of a Dramatic High-Energy Flare in the Blazar 3C 279. <i>Astrophysical Journal</i> , 1998, 497, 178-187.	4.5	186
16	INSIGHTS INTO THE HIGH-ENERGY γ^3 -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE FERMI ERA. <i>Astrophysical Journal</i> , 2011, 727, 129.	4.5	185
17	Radio Imaging of the Very-High-Energy γ^3 -Ray Emission Region in the Central Engine of a Radio Galaxy. <i>Science</i> , 2009, 325, 444-448.	12.6	175
18	EGRET Upper Limits on the High-Energy Gamma-Ray Emission of Galaxy Clusters. <i>Astrophysical Journal</i> , 2003, 588, 155-164.	4.5	162

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19	Detection of Pulsed Gamma Rays Above 100 GeV from the Crab Pulsar. <i>Science</i> , 2011, 334, 69-72.	12.6	161
20	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM <i>TYCHO</i>’S SUPERNOVA REMNANT. <i>Astrophysical Journal Letters</i> , 2011, 730, L20.	8.3	159
21	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
22	<i>FERMI</i>-LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , 2010, 710, L92-L97.	8.3	149
23	THE 2010 VERY HIGH ENERGY γ -RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. <i>Astrophysical Journal</i> , 2012, 746, 151.	4.5	145
24	VERITAS Observations of the γ -Ray Binary LS I +61 303. <i>Astrophysical Journal</i> , 2008, 679, 1427-1432.	4.5	124
25	Gamma Radiation from PSR B1055-52. <i>Astrophysical Journal</i> , 1999, 516, 297-306.	4.5	118
26	OBSERVATION OF EXTENDED VERY HIGH ENERGY EMISSION FROM THE SUPERNOVA REMNANT IC 443 WITH VERITAS. <i>Astrophysical Journal</i> , 2009, 698, L133-L137.	4.5	116
27	Indirect and direct search for dark matter. <i>Progress in Particle and Nuclear Physics</i> , 2015, 85, 1-32.	14.4	116
28	Magnetically Limited X-Ray Filaments in Young Supernova Remnants. <i>Astrophysical Journal</i> , 2005, 626, L101-L104.	4.5	109
29	Electron Acceleration in Supernova Remnants and Diffuse Gamma Rays above 1 GeV. <i>Astrophysical Journal</i> , 1998, 507, 327-338.	4.5	109
30	Production of Magnetic Turbulence by Cosmic Rays Drifting Upstream of Supernova Remnant Shocks. <i>Astrophysical Journal</i> , 2008, 684, 1174-1189.	4.5	108
31	Calibration of cameras of the H.E.S.S. detector. <i>Astroparticle Physics</i> , 2004, 22, 109-125.	4.3	103
32	Nonthermal High-Energy Emission from Colliding Winds of Massive Stars. <i>Astrophysical Journal</i> , 2006, 644, 1118-1144.	4.5	100
33	Supplement to the Second EGRET Catalog of High-Energy Gamma-Ray Sources. <i>Astrophysical Journal, Supplement Series</i> , 1996, 107, 227.	7.7	100
34	<i>FERMI</i>-LAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2009, 703, 1249-1256.	4.5	99
35	WEIBEL INSTABILITY AND ASSOCIATED STRONG FIELDS IN A FULLY THREE-DIMENSIONAL SIMULATION OF A RELATIVISTIC SHOCK. <i>Astrophysical Journal</i> , 2009, 698, L10-L13.	4.5	92
36	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

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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	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
39	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016, 819, 156.	4.5	90
40	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009, 691, L13-L19.	4.5	86
41	VERITAS Discovery of >200 GeV Gamma-Ray Emission from the Intermediate-Frequency-Peaked BL Lacertae Object W Comae. <i>Astrophysical Journal</i> , 2008, 684, L73-L77.	4.5	84
42	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	5.1	84
43	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. <i>Astrophysical Journal</i> , 2013, 762, 92.	4.5	80
44	VERITAS OBSERVATIONS OF A VERY HIGH ENERGY γ -RAY FLARE FROM THE BLAZAR 3C 66A. <i>Astrophysical Journal</i> , 2009, 693, L104-L108.	4.5	79
45	The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 177-193.	4.4	78
46	Three-Dimensional Distribution of Molecular Gas in the Barred Milky Way. <i>Astrophysical Journal</i> , 2008, 677, 283-291.	4.5	77
47	OBSERVATIONS OF THE SHELL-TYPE SUPERNOVA REMNANT CASSIOPEIA A AT TeV ENERGIES WITH VERITAS. <i>Astrophysical Journal</i> , 2010, 714, 163-169.	4.5	76
48	VERITAS deep observations of the dwarf spheroidal galaxy Segue 1. <i>Physical Review D</i> , 2012, 85, .	4.7	76
49	Dark matter constraints from a joint analysis of dwarf Spheroidal galaxy observations with VERITAS. <i>Physical Review D</i> , 2017, 95, .	4.7	76
50	Particle Acceleration in Relativistic Outflows. <i>Space Science Reviews</i> , 2012, 173, 309-339.	8.1	74
51	VERITAS SEARCH FOR VHE GAMMA-RAY EMISSION FROM DWARF SPHEROIDAL GALAXIES. <i>Astrophysical Journal</i> , 2010, 720, 1174-1180.	4.5	73
52	THE DISCOVERY OF γ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010, 715, L49-L55.	8.3	72
53	Observation of Gamma-Ray Emission from the Galaxy M87 above 250 GeV with VERITAS1. <i>Astrophysical Journal</i> , 2008, 679, 397-403.	4.5	71
54	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71

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55	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. <i>Astrophysical Journal Letters</i> , 2015, 815, L22.	8.3	69
56	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	8.3	66
57	A THREE-YEAR MULTI-WAVELENGTH STUDY OF THE VERY-HIGH-ENERGY $\hat{\gamma}$ -RAY BLAZAR 1ES 0229+200. <i>Astrophysical Journal</i> , 2014, 782, 13.	4.5	64
58	On the Direct Correlation between Gamma-Rays and PeV Neutrinos from Blazars. <i>Astrophysical Journal</i> , 2017, 843, 109.	4.5	60
59	Chandra/Very Large Array Follow-up of TeV J2032+4131, the Only Unidentified TeV Gamma-ray Source. <i>Astrophysical Journal</i> , 2003, 597, 494-512.	4.5	58
60	Cosmic-ray Acceleration at Ultrarelativistic Shock Waves: Effects of Downstream Short-wave Turbulence. <i>Astrophysical Journal</i> , 2006, 650, 1020-1027.	4.5	56
61	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009, 703, 169-178.	4.5	55
62	Gamma-ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi. <i>Astrophysical Journal</i> , 2017, 836, 23.	4.5	55
63	DISCOVERY OF VARIABILITY IN THE VERY HIGH ENERGY $\hat{\gamma}$ -RAY EMISSION OF 1ES 1218+304 WITH VERITAS. <i>Astrophysical Journal Letters</i> , 2010, 709, L163-L167.	8.3	54
64	A SEARCH FOR BRIEF OPTICAL FLASHES ASSOCIATED WITH THE SETI TARGET KIC 8462852. <i>Astrophysical Journal Letters</i> , 2016, 818, L33.	8.3	54
65	VERITAS OBSERVATIONS OF THE BL LAC OBJECT 1ES 1218+304. <i>Astrophysical Journal</i> , 2009, 695, 1370-1375.	4.5	53
66	MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 IN 2005-2006. <i>Astrophysical Journal</i> , 2009, 695, 596-618.	4.5	52
67	MAGNETIC-FIELD AMPLIFICATION BY TURBULENCE IN A RELATIVISTIC SHOCK PROPAGATING THROUGH AN INHOMOGENEOUS MEDIUM. <i>Astrophysical Journal</i> , 2011, 726, 62.	4.5	52
68	Multiwavelength Observations of 3C 273 in 1993-1995. <i>Astrophysical Journal</i> , 1997, 483, 161-177.	4.5	51
69	DETECTION OF EXTENDED VHE GAMMA RAY EMISSION FROM G106.3+2.7 WITH VERITAS. <i>Astrophysical Journal</i> , 2009, 703, L6-L9.	4.5	51
70	Multiwavelength Observations of the Blazar Markarian 421 in 2002 December and 2003 January. <i>Astrophysical Journal</i> , 2006, 641, 740-751.	4.5	50
71	Conversion of relativistic pair energy into radiation in the jets of active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2002, 393, 69-87.	5.1	49
72	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49

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73	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
74	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
75	TeV Gamma-Ray Observations of the Perseus and Abell 2029 Galaxy Clusters. <i>Astrophysical Journal</i> , 2006, 644, 148-154.	4.5	48
76	DISCOVERY OF VERY HIGH ENERGY GAMMA-RAY RADIATION FROM THE BL LAC 1ES 0806+524. <i>Astrophysical Journal</i> , 2009, 690, L126-L129.	4.5	47
77	UNDERSTANDING TeV-BAND COSMIC-RAY ANISOTROPY. <i>Astrophysical Journal</i> , 2013, 766, 4.	4.5	47
78	DISCOVERY OF TeV GAMMA-RAY EMISSION TOWARD SUPERNOVA REMNANT SNR G78.2+2.1. <i>Astrophysical Journal</i> , 2013, 770, 93.	4.5	46
79	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
80	SPATIALLY RESOLVING THE VERY HIGH ENERGY EMISSION FROM MGRO J2019+37 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 788, 78.	4.5	46
81	No evidence yet for hadronic TeV gamma-ray emission from SNR RX J1713.7-3946. <i>Astronomy and Astrophysics</i> , 2002, 390, L43-L46.	5.1	46
82	Cosmic-Ray Propagation Properties for an Origin in Supernova Remnants. <i>Astrophysical Journal</i> , 2005, 619, 314-326.	4.5	45
83	OBSERVATIONS OF THE UNIDENTIFIED GAMMA-RAY SOURCE TeV J2032+4130 BY VERITAS. <i>Astrophysical Journal</i> , 2014, 783, 16.	4.5	44
84	VERITAS OBSERVATIONS OF GAMMA-RAY BURSTS DETECTED BY SWIFT. <i>Astrophysical Journal</i> , 2011, 743, 62.	4.5	42
85	DISCOVERY OF HIGH-ENERGY AND VERY HIGH ENERGY γ -RAY EMISSION FROM THE BLAZAR RBS 0413. <i>Astrophysical Journal</i> , 2012, 750, 94.	4.5	42
86	EVIDENCE FOR LONG-TERM GAMMA-RAY AND X-RAY VARIABILITY FROM THE UNIDENTIFIED TeV SOURCE HESS J0632+057. <i>Astrophysical Journal</i> , 2009, 698, L94-L97.	4.5	41
87	VERITAS OBSERVATIONS OF DAY-SCALE FLARING OF M 87 IN 2010 APRIL. <i>Astrophysical Journal</i> , 2012, 746, 141.	4.5	41
88	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
89	Search for Magnetically Broadened Cascade Emission from Blazars with VERITAS. <i>Astrophysical Journal</i> , 2017, 835, 288.	4.5	40
90	A Search for Dark Matter Annihilation with the Whipple 10 m Telescope. <i>Astrophysical Journal</i> , 2008, 678, 594-605.	4.5	39

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91	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
92	EGRET Observations of the 1993 March Gamma-Ray Flare from PKS 0528+134. <i>Astrophysical Journal</i> , 1996, 470, 831.	4.5	39
93	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
94	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	8.3	38
95	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
96	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
97	Electron Pre-acceleration at Nonrelativistic High-Mach-number Perpendicular Shocks. <i>Astrophysical Journal</i> , 2017, 847, 71.	4.5	37
98	A Very High Energy γ -Ray Survey toward the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2018, 861, 134.	4.5	37
99	The influence of dust on the inverse Compton emission from jets in Active Galactic Nuclei. <i>Astronomy and Astrophysics</i> , 2002, 386, 415-426.	5.1	37
100	VERITAS 2008-2009 MONITORING OF THE VARIABLE GAMMA-RAY SOURCE M 87. <i>Astrophysical Journal</i> , 2010, 716, 819-824.	4.5	36
101	EVOLUTION OF GLOBAL RELATIVISTIC JETS: COLLIMATIONS AND EXPANSION WITH hKHI AND THE WEIBEL INSTABILITY. <i>Astrophysical Journal</i> , 2016, 820, 94.	4.5	36
102	NONRELATIVISTIC PARALLEL SHOCKS IN UNMAGNETIZED AND WEAKLY MAGNETIZED PLASMAS. <i>Astrophysical Journal</i> , 2012, 759, 73.	4.5	35
103	MULTIWAVELENGTH OBSERVATIONS OF LS I +61 $^{\circ}$ 303 WITH VERITAS, <i>SWIFT</i> , AND <i>RXTE</i> . <i>Astrophysical Journal</i> , 2009, 700, 1034-1041.	4.5	34
104	INVESTIGATING THE TeV MORPHOLOGY OF MGRO J1908+06 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 787, 166.	4.5	34
105	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
106	Gamma-rays produced in cosmic-ray interactions and the TeV-band spectrum of RX J1713.7-3946. <i>Astroparticle Physics</i> , 2007, 27, 429-439.	4.3	33
107	MULTIWAVELENGTH OBSERVATIONS OF THE PREVIOUSLY UNIDENTIFIED BLAZAR RX J0648.7+1516. <i>Astrophysical Journal</i> , 2011, 742, 127.	4.5	33
108	DISCOVERY OF A NEW TeV GAMMA-RAY SOURCE: VER J0521+211. <i>Astrophysical Journal</i> , 2013, 776, 69.	4.5	33

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109	<i>VERITAS</i> DETECTION OF $\hat{\gamma}$-RAY FLARING ACTIVITY FROM THE BL LAC OBJECT 1ES 1727+502 DURING BRIGHT MOONLIGHT OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 808, 110.	4.5	33
110	DISCOVERY OF VERY HIGH ENERGY $\hat{\gamma}$-RAY EMISSION FROM THE SNR G54.1+0.3. <i>Astrophysical Journal Letters</i> , 2010, 719, L69-L73.	8.3	32
111	THE HIGH ENERGY BUDGET ALLOCATIONS IN SHOCKS AND GAMMA RAY BURSTS. <i>Astrophysical Journal</i> , 2010, 722, 543-549.	4.5	32
112	TESTING THE LINK BETWEEN TERRESTRIAL CLIMATE CHANGE AND GALACTIC SPIRAL ARM TRANSIT. <i>Astrophysical Journal</i> , 2009, 705, L101-L103.	4.5	31
113	VERITAS OBSERVATIONS OF THE TeV BINARY LS I +61° 303 DURING 2008-2010. <i>Astrophysical Journal</i> , 2011, 738, 3.	4.5	31
114	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM CTA 1 BY VERITAS. <i>Astrophysical Journal</i> , 2013, 764, 38.	4.5	31
115	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
116	Measurement of the Extragalactic Background Light Spectral Energy Distribution with VERITAS. <i>Astrophysical Journal</i> , 2019, 885, 150.	4.5	30
117	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
118	INVESTIGATING BROADBAND VARIABILITY OF THE TeV BLAZAR 1ES 1959+650. <i>Astrophysical Journal</i> , 2014, 797, 89.	4.5	29
119	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
120	The Electrostatic Instability for Realistic Pair Distributions in Blazar/EBL Cascades. <i>Astrophysical Journal</i> , 2018, 857, 43.	4.5	29
121	The GeV-TeV Galactic gamma-ray diffuse emission. <i>Astronomy and Astrophysics</i> , 2011, 531, A37.	5.1	28
122	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
123	A new search for primordial black hole evaporations using the Whipple gamma-ray telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 013-013.	5.4	27
124	VERITAS OBSERVATIONS OF THE BL LAC OBJECT PG 1553+113. <i>Astrophysical Journal</i> , 2015, 799, 7.	4.5	27
125	TeV GAMMA-RAY OBSERVATIONS OF THE GALACTIC CENTER RIDGE BY VERITAS. <i>Astrophysical Journal</i> , 2016, 821, 129.	4.5	27
126	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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127	VERITAS Observations of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 861, L20.	8.3	27
128	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
129	CONSTRAINTS ON VERY HIGH ENERGY EMISSION FROM GRB 130427A. <i>Astrophysical Journal Letters</i> , 2014, 795, L3.	8.3	26
130	Kinetic Simulations of Nonrelativistic Perpendicular Shocks of Young Supernova Remnants. III. Magnetic Reconnection. <i>Astrophysical Journal</i> , 2020, 893, 6.	4.5	26
131	KINETIC SIMULATIONS OF TURBULENT MAGNETIC-FIELD GROWTH BY STREAMING COSMIC RAYS. <i>Astrophysical Journal</i> , 2009, 706, 38-44.	4.5	25
132	MULTIWAVELENGTH OBSERVATIONS AND MODELING OF 1ES 1959+650 IN A LOW FLUX STATE. <i>Astrophysical Journal</i> , 2013, 775, 3.	4.5	25
133	MAGNETIC FIELD GENERATION IN CORE-SHEATH JETS VIA THE KINETIC KELVIN-HELMHOLTZ INSTABILITY. <i>Astrophysical Journal</i> , 2014, 793, 60.	4.5	25
134	Channeled blast wave behavior based on longitudinal instabilities. <i>Astronomy and Astrophysics</i> , 2002, 383, 309-318.	5.1	25
135	Observations of the Unidentified TeV γ -Ray Source TeV J2032+4130 with the Whipple Observatory 10 m Telescope. <i>Astrophysical Journal</i> , 2007, 658, 1062-1068.	4.5	24
136	VERITAS UPPER LIMIT ON THE VERY HIGH ENERGY EMISSION FROM THE RADIO GALAXY NGC 1275. <i>Astrophysical Journal</i> , 2009, 706, L275-L280.	4.5	24
137	THE NONLINEAR SATURATION OF THE NON-RESONANT KINETICALLY DRIVEN STREAMING INSTABILITY. <i>Astrophysical Journal Letters</i> , 2010, 711, L127-L132.	8.3	24
138	VERITAS OBSERVATIONS OF THE NOVA IN V407 CYGNI. <i>Astrophysical Journal</i> , 2012, 754, 77.	4.5	24
139	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
140	UPPER LIMITS FROM FIVE YEARS OF BLAZAR OBSERVATIONS WITH THE VERITAS CHERENKOV TELESCOPES. <i>Astronomical Journal</i> , 2016, 151, 142.	4.7	24
141	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
142	The Whipple Observatory 10m gamma-ray telescope, 1997–2006. <i>Astroparticle Physics</i> , 2007, 28, 182-195.	4.3	23
143	Analysis of GeV-band γ -ray emission from supernova remnant RX J1713.7-3946. <i>Astronomy and Astrophysics</i> , 2015, 577, A12.	5.1	23
144	Cosmic-ray electron signatures of dark matter. <i>Physical Review D</i> , 2009, 79, .	4.7	22

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