

David Kieda

List of Publications by Year in descending order

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181
papers

8,975
citations

41344

49
h-index

49909

87
g-index

185
all docs

185
docs citations

185
times ranked

4670
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the background for a neutrino search with the HAWC observatory. <i>Astroparticle Physics</i> , 2022, 137, 102670.	4.3	2
2	Variability and Spectral Characteristics of Three Flaring Gamma-Ray Quasars Observed by VERITAS and Fermi-LAT. <i>Astrophysical Journal</i> , 2022, 924, 95.	4.5	9
3	Design and performance of the prototype Schwarzschild-Couder telescope camera. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	9
4	Cosmic ray spectrum of protons plus helium nuclei between 6 and 158 TeV from HAWC data. <i>Physical Review D</i> , 2022, 105, .	4.7	12
5	HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. <i>Astrophysical Journal</i> , 2022, 928, 116.	4.5	6
6	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.	4.5	4
7	Probing the Extragalactic Mid-infrared Background with HAWC. <i>Astrophysical Journal</i> , 2022, 933, 223.	4.5	0
8	A Survey of Active Galaxies at TeV Photon Energies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2021, 907, 67.	4.5	13
9	Detection of the Crab Nebula with the 9.7 Åm prototype Schwarzschild-Couder telescope. <i>Astroparticle Physics</i> , 2021, 128, 102562.	4.3	19
10	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. <i>Nature Astronomy</i> , 2021, 5, 465-471.	10.1	62
11	Evidence that Ultra-high-energy Gamma Rays Are a Universal Feature near Powerful Pulsars. <i>Astrophysical Journal Letters</i> , 2021, 911, L27.	8.3	32
12	HAWC Search for High-mass Microquasars. <i>Astrophysical Journal Letters</i> , 2021, 912, L4.	8.3	3
13	Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC. <i>Astrophysical Journal</i> , 2021, 914, 106.	4.5	9
14	VERITAS Observations of the Galactic Center Region at Multi-TeV Gamma-Ray Energies. <i>Astrophysical Journal</i> , 2021, 913, 115.	4.5	21
15	A Search for TeV Gamma-Ray Emission from Pulsar Tails by VERITAS. <i>Astrophysical Journal</i> , 2021, 916, 117.	4.5	4
16	An Archival Search for Neutron-star Mergers in Gravitational Waves and Very-high-energy Gamma Rays. <i>Astrophysical Journal</i> , 2021, 918, 66.	4.5	4
17	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 241.	4.5	10
18	Multiwavelength Observation Campaign of the TeV Gamma-Ray Binary HESS J0632 + 057 with NuSTAR, VERITAS, MDM, and Swift. <i>Astrophysical Journal</i> , 2021, 923, 17.	4.5	4

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19	VERITAS Detection of LS 5039 and HESS J1825-137. <i>Astroparticle Physics</i> , 2020, 117, 102403.	4.3	3
20	Status of the development of NUV SiPMs for INFN optical modules for the SCT medium sized telescope proposed for the CTA observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 982, 164486.	1.6	4
21	Demonstration of stellar intensity interferometry with the four VERITAS telescopes. <i>Nature Astronomy</i> , 2020, 4, 1164-1169.	10.1	30
22	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
23	VERITAS Discovery of VHE Emission from the Radio Galaxy 3C 264: A Multiwavelength Study. <i>Astrophysical Journal</i> , 2020, 896, 41.	4.5	13
24	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
25	Multiple Galactic Sources with Emission Above 56 TeV Detected by HAWC. <i>Physical Review Letters</i> , 2020, 124, 021102.	7.8	143
26	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
27	Constraints on the Emission of Gamma-Rays from M31 with HAWC. <i>Astrophysical Journal</i> , 2020, 893, 16.	4.5	1
28	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical- γ Flux Increase. <i>Astrophysical Journal</i> , 2020, 891, 170.	4.5	22
29	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. <i>Astrophysical Journal</i> , 2020, 905, 76.	4.5	99
30	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. <i>Astrophysical Journal</i> , 2020, 905, 73.	4.5	2
31	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. <i>Astrophysical Journal</i> , 2019, 881, 134.	4.5	98
32	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
33	Direct measurement of stellar angular diameters by the VERITAS Cherenkov telescopes. <i>Nature Astronomy</i> , 2019, 3, 511-516.	10.1	14
34	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	4.3	35
35	Measurement of the Extragalactic Background Light Spectral Energy Distribution with VERITAS. <i>Astrophysical Journal</i> , 2019, 885, 150.	4.5	30
36	Characterization and assembly of near-ultraviolet SiPMs for the Schwarzschild-Couder medium-size telescope proposed for the CTA Observatory. , 2019, , .		2

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37	A Fiber Optic Based High Voltage System for Stellar Intensity Interferometry Observations. , 2019, , .		1
38	Augmentation of VERITAS Telescopes for Stellar Intensity Interferometry. , 2019, , .		2
39	A Strong Limit on the Very-high-energy Emission from GRB 150323A. <i>Astrophysical Journal</i> , 2018, 857, 33.	4.5	8
40	Data acquisition architecture and online processing system for the HAWC gamma-ray observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 888, 138-146.	1.6	16
41	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2018, 853, 154.	4.5	69
42	Development of a digital astronomical intensity interferometer: laboratory results with thermal light. <i>Journal of Modern Optics</i> , 2018, 65, 1336-1344.	1.3	30
43	VERITAS Observations of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 861, L20.	8.3	27
44	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
45	HESS J1943+213: An Extreme Blazar Shining through the Galactic Plane. <i>Astrophysical Journal</i> , 2018, 862, 41.	4.5	15
46	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
47	Measurement of cosmic-ray electrons at TeV energies by VERITAS. <i>Physical Review D</i> , 2018, 98, .	4.7	28
48	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
49	Measurement of the iron spectrum in cosmic rays by VERITAS. <i>Physical Review D</i> , 2018, 98, .	4.7	11
50	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
51	A Very High Energy $\hat{1}^3$ -Ray Survey toward the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2018, 861, 134.	4.5	37
52	Gamma-ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi. <i>Astrophysical Journal</i> , 2017, 836, 23.	4.5	55
53	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. <i>Astrophysical Journal</i> , 2017, 842, 85.	4.5	28
54	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC. <i>Astrophysical Journal</i> , 2017, 841, 100.	4.5	39

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55	Gamma-ray observations under bright moonlight with VERITAS. <i>Astroparticle Physics</i> , 2017, 91, 34-43.	4.3	17
56	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
57	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. <i>Astrophysical Journal</i> , 2017, 843, 116.	4.5	16
58	Search for Magnetically Broadened Cascade Emission from Blazars with VERITAS. <i>Astrophysical Journal</i> , 2017, 835, 288.	4.5	40
59	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. <i>Science</i> , 2017, 358, 911-914.	12.6	303
60	A Luminous and Isolated Gamma-Ray Flare from the Blazar B2 1215+30. <i>Astrophysical Journal</i> , 2017, 836, 205.	4.5	16
61	Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017, 843, 88.	4.5	12
62	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
63	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , 2017, 843, 40.	4.5	200
64	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017, 843, 39.	4.5	159
65	Dark matter constraints from a joint analysis of dwarf Spheroidal galaxy observations with VERITAS. <i>Physical Review D</i> , 2017, 95, .	4.7	76
66	Very-High-Energy $\hat{\nu}^3$ -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
67	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
68	Stellar Intensity Interferometric Capabilities of IACT Arrays. , 2017, , .		2
69	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
70	TeV GAMMA-RAY OBSERVATIONS OF THE GALACTIC CENTER RIDGE BY VERITAS. <i>Astrophysical Journal</i> , 2016, 821, 129.	4.5	27
71	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
72	SEARCH FOR TeV GAMMA-RAY EMISSION FROM POINT-LIKE SOURCES IN THE INNER GALACTIC PLANE WITH A PARTIAL CONFIGURATION OF THE HAWC OBSERVATORY. <i>Astrophysical Journal</i> , 2016, 817, 3.	4.5	33

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73	Very high energy outburst of Markarian 501 in May 2009. <i>Astronomy and Astrophysics</i> , 2016, 594, A76.	5.1	20
74	Discovery of very high energy gamma rays from 1ES 1440+122. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 202-208.	4.4	12
75	EXCEPTIONALLY BRIGHT TEV FLARES FROM THE BINARY LS I 61 303. <i>Astrophysical Journal Letters</i> , 2016, 817, L7.	8.3	17
76	VERITAS and multiwavelength observations of the BL Lacertae object 1ES 1741+196. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2550-2557.	4.4	12
77	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
78	UPPER LIMITS FROM FIVE YEARS OF BLAZAR OBSERVATIONS WITH THE VERITAS CHERENKOV TELESCOPES. <i>Astronomical Journal</i> , 2016, 151, 142.	4.7	24
79	A SEARCH FOR BRIEF OPTICAL FLASHES ASSOCIATED WITH THE SETI TARGET KIC 8462852. <i>Astrophysical Journal Letters</i> , 2016, 818, L33.	8.3	54
80	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
81	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	5.1	84
82	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
83	Toward the construction of a medium size prototype Schwarzschild-Couder telescope for CTA. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
84	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. <i>Astrophysical Journal Letters</i> , 2015, 815, L22.	8.3	69
85	A SEARCH FOR PULSATIONS FROM GEMINGA ABOVE 100 GeV WITH VERITAS. <i>Astrophysical Journal</i> , 2015, 800, 61.	4.5	13
86	VERITAS OBSERVATIONS OF THE BL LAC OBJECT PG 1553+113. <i>Astrophysical Journal</i> , 2015, 799, 7.	4.5	27
87	SEARCH FOR GAMMA-RAYS FROM THE UNUSUALLY BRIGHT GRB 130427A WITH THE HAWC GAMMA-RAY OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 800, 78.	4.5	30
88	<i>VERITAS</i> DETECTION OF γ -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
89	Milagro limits and HAWC sensitivity for the rate-density of evaporating Primordial Black Holes. <i>Astroparticle Physics</i> , 2015, 64, 4-12.	4.3	24
90	VAMOS: A pathfinder for the HAWC gamma-ray observatory. <i>Astroparticle Physics</i> , 2015, 62, 125-133.	4.3	11

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91	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
92	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
93	Sensitivity of HAWC to high-mass dark matter annihilations. <i>Physical Review D</i> , 2014, 90, .	4.7	38
94	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
95	OBSERVATION OF SMALL-SCALE ANISOTROPY IN THE ARRIVAL DIRECTION DISTRIBUTION OF TeV COSMIC RAYS WITH HAWC. <i>Astrophysical Journal</i> , 2014, 796, 108.	4.5	71
96	VERY-HIGH ENERGY OBSERVATIONS OF THE GALACTIC CENTER REGION BY VERITAS IN 2010-2012. <i>Astrophysical Journal</i> , 2014, 790, 149.	4.5	18
97	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
98	OBSERVATIONS OF THE UNIDENTIFIED GAMMA-RAY SOURCE TeV J2032+4130 BY VERITAS. <i>Astrophysical Journal</i> , 2014, 783, 16.	4.5	44
99	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
100	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	8.3	38
101	SPATIALLY RESOLVING THE VERY HIGH ENERGY EMISSION FROM MGRO J2019+37 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 788, 78.	4.5	46
102	INVESTIGATING THE TeV MORPHOLOGY OF MGRO J1908+06 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 787, 166.	4.5	34
103	INVESTIGATING BROADBAND VARIABILITY OF THE TeV BLAZAR 1ES 1959+650. <i>Astrophysical Journal</i> , 2014, 797, 89.	4.5	29
104	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
105	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
106	CONSTRAINTS ON VERY HIGH ENERGY EMISSION FROM GRB 130427A. <i>Astrophysical Journal Letters</i> , 2014, 795, L3.	8.3	26
107	DISCOVERY OF TeV GAMMA-RAY EMISSION TOWARD SUPERNOVA REMNANT SNR G78.2+2.1. <i>Astrophysical Journal</i> , 2013, 770, 93.	4.5	46
108	Sensitivity of the high altitude water Cherenkov detector to sources of multi-TeV gamma rays. <i>Astroparticle Physics</i> , 2013, 50-52, 26-32.	4.3	156

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109	MULTIWAVELENGTH OBSERVATIONS OF THE TeV BINARY LS I +61° 303 WITH VERITAS, <i>Fermi</i> -LAT, AND <i>Swift</i> /XRT DURING A TeV OUTBURST. <i>Astrophysical Journal</i> , 2013, 779, 88.	4.5	12
110	Monte Carlo simulation of stellar intensity interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 3187-3195.	4.4	23
111	DISCOVERY OF A NEW TeV GAMMA-RAY SOURCE: VER J0521+211. <i>Astrophysical Journal</i> , 2013, 776, 69.	4.5	33
112	MULTIWAVELENGTH OBSERVATIONS AND MODELING OF 1ES 1959+650 IN A LOW FLUX STATE. <i>Astrophysical Journal</i> , 2013, 775, 3.	4.5	25
113	LONG TERM OBSERVATIONS OF B2 1215+30 WITH VERITAS. <i>Astrophysical Journal</i> , 2013, 779, 92.	4.5	21
114	VERITAS OBSERVATIONS OF THE MICROQUASAR CYGNUS X-3. <i>Astrophysical Journal</i> , 2013, 779, 150.	4.5	16
115	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. <i>Astrophysical Journal</i> , 2013, 762, 92.	4.5	80
116	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM CTA 1 BY VERITAS. <i>Astrophysical Journal</i> , 2013, 764, 38.	4.5	31
117	DISCOVERY OF HIGH-ENERGY AND VERY HIGH ENERGY $\hat{\beta}$ -RAY EMISSION FROM THE BLAZAR RBS 0413. <i>Astrophysical Journal</i> , 2012, 750, 94.	4.5	42
118	VERITAS OBSERVATIONS OF SIX BRIGHT, HARD-SPECTRUM <i>Fermi</i> -LAT BLAZARS. <i>Astrophysical Journal</i> , 2012, 759, 102.	4.5	9
119	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
120	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
121	VERITAS OBSERVATIONS OF DAY-SCALE FLARING OF M 87 IN 2010 APRIL. <i>Astrophysical Journal</i> , 2012, 746, 141.	4.5	41
122	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
123	VERITAS OBSERVATIONS OF THE NOVA IN V407 CYGNI. <i>Astrophysical Journal</i> , 2012, 754, 77.	4.5	24
124	VERITAS deep observations of the dwarf spheroidal galaxy Segue 1. <i>Physical Review D</i> , 2012, 85, .	4.7	76
125	High angular resolution imaging with stellar intensity interferometry using air Cherenkov telescope arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 172-183.	4.4	23
126	On the sensitivity of the HAWC observatory to gamma-ray bursts. <i>Astroparticle Physics</i> , 2012, 35, 641-650.	4.3	100

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127	Imaging submilliarcsecond stellar features with intensity interferometry using air Cherenkov telescope arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1006-1011.	4.4	24
128	VERITAS OBSERVATIONS OF GAMMA-RAY BURSTS DETECTED BY <i>SWIFT</i> . <i>Astrophysical Journal</i> , 2011, 743, 62.	4.5	42
129	TeV AND MULTI-WAVELENGTH OBSERVATIONS OF Mrk 421 IN 2006-2008. <i>Astrophysical Journal</i> , 2011, 738, 25.	4.5	111
130	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	4.5	70
131	VERITAS OBSERVATIONS OF THE UNUSUAL EXTRAGALACTIC TRANSIENT SWIFT J164449.3+573451. <i>Astrophysical Journal Letters</i> , 2011, 738, L30.	8.3	11
132	MULTIWAVELENGTH OBSERVATIONS OF THE PREVIOUSLY UNIDENTIFIED BLAZAR RX J0648.7+1516. <i>Astrophysical Journal</i> , 2011, 742, 127.	4.5	33
133	MULTIWAVELENGTH OBSERVATIONS OF THE VERY HIGH ENERGY BLAZAR 1ES 2344+514. <i>Astrophysical Journal</i> , 2011, 738, 169.	4.5	36
134	VERITAS OBSERVATIONS OF THE TeV BINARY LS I +61° 303 DURING 2008-2010. <i>Astrophysical Journal</i> , 2011, 738, 3.	4.5	31
135	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM <i>TYCHO</i> $\hat{=}$ SUPERNOVA REMNANT. <i>Astrophysical Journal Letters</i> , 2011, 730, L20.	8.3	159
136	The track imaging Cherenkov experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 175-181.	1.6	0
137	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
138	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. <i>Astrophysical Journal</i> , 2011, 729, 2.	4.5	70
139	Detection of Pulsed Gamma Rays Above 100 GeV from the Crab Pulsar. <i>Science</i> , 2011, 334, 69-72.	12.6	161
140	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTI-WAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	8.3	66
141	DISCOVERY OF VARIABILITY IN THE VERY HIGH ENERGY $\hat{3}$ -RAY EMISSION OF 1ES 1218+304 WITH VERITAS. <i>Astrophysical Journal Letters</i> , 2010, 709, L163-L167.	8.3	54
142	DISCOVERY OF VERY HIGH ENERGY $\hat{3}$ -RAY EMISSION FROM THE SNR G54.1+0.3. <i>Astrophysical Journal Letters</i> , 2010, 719, L69-L73.	8.3	32
143	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
144	VERITAS 2008-2009 MONITORING OF THE VARIABLE GAMMA-RAY SOURCE M 87. <i>Astrophysical Journal</i> , 2010, 716, 819-824.	4.5	36

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145	VERITAS SEARCH FOR VHE GAMMA-RAY EMISSION FROM DWARF SPHEROIDAL GALAXIES. <i>Astrophysical Journal</i> , 2010, 720, 1174-1180.	4.5	73
146	VERITAS: STATUS SUMMARY 2009. <i>International Journal of Modern Physics D</i> , 2010, 19, 1003-1012.	2.1	4
147	Stellar intensity interferometry: imaging capabilities of air Cherenkov telescope arrays. , 2010, , .		8
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