

# Jordan A Goodman

## List of Publications by Year in descending order

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211  
papers

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citations

10986

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docs citations

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times ranked

13631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Oscillation of Atmospheric Neutrinos. <i>Physical Review Letters</i> , 1998, 81, 1562-1567.	7.8	4,064
2	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	8.3	2,805
3	Evidence for High-Energy Extraterrestrial Neutrinos at the IceCube Detector. <i>Science</i> , 2013, 342, 1242856.	12.6	1,048
4	Solar and hep Neutrino Measurements from 1258 Days of Super-Kamiokande Data. <i>Physical Review Letters</i> , 2001, 86, 5651-5655.	7.8	894
5	Observation of High-Energy Astrophysical Neutrinos in Three Years of IceCube Data. <i>Physical Review Letters</i> , 2014, 113, 101101.	7.8	873
6	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
7	Measurement of atmospheric neutrino oscillation parameters by Super-Kamiokande I. <i>Physical Review D</i> , 2005, 71, .	4.7	640
8	Tau Neutrinos Favored over Sterile Neutrinos in Atmospheric Muon Neutrino Oscillations. <i>Physical Review Letters</i> , 2000, 85, 3999-4003.	7.8	609
9	Constraints on Neutrino Oscillations Using 1258 Days of Super-Kamiokande Solar Neutrino Data. <i>Physical Review Letters</i> , 2001, 86, 5656-5660.	7.8	579
10	First Observation of PeV-Energy Neutrinos with IceCube. <i>Physical Review Letters</i> , 2013, 111, 021103.	7.8	578
11	Measurements of the Solar Neutrino Flux from Super-Kamiokande's First 300 Days. <i>Physical Review Letters</i> , 1998, 81, 1158-1162.	7.8	557
12	Evidence for an Oscillatory Signature in Atmospheric Neutrino Oscillations. <i>Physical Review Letters</i> , 2004, 93, 101801.	7.8	538
13	Measurement of the Flux and Zenith-Angle Distribution of Upward Throughgoing Muons by Super-Kamiokande. <i>Physical Review Letters</i> , 1999, 82, 2644-2648.	7.8	492
14	Solar neutrino measurements in Super-Kamiokande-I. <i>Physical Review D</i> , 2006, 73, .	4.7	390
15	A COMBINED MAXIMUM-LIKELIHOOD ANALYSIS OF THE HIGH-ENERGY ASTROPHYSICAL NEUTRINO FLUX MEASURED WITH ICECUBE. <i>Astrophysical Journal</i> , 2015, 809, 98.	4.5	337
16	Constraints on Neutrino Oscillation Parameters from the Measurement of Day-Night Solar Neutrino Fluxes at Super-Kamiokande. <i>Physical Review Letters</i> , 1999, 82, 1810-1814.	7.8	332
17	Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering. <i>Physical Review Letters</i> , 1999, 82, 2430-2434.	7.8	318
18	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

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19	Evidence for Astrophysical Muon Neutrinos from the Northern Sky with IceCube. <i>Physical Review Letters</i> , 2015, 115, 081102.	7.8	247
20	Search for Dark Matter Annihilations in the Sun with the 79-String IceCube Detector. <i>Physical Review Letters</i> , 2013, 110, 131302.	7.8	235
21	Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande. <i>Physical Review D</i> , 2004, 70, .	4.7	231
22	TeV Gamma-Ray Sources from a Survey of the Galactic Plane with Milagro. <i>Astrophysical Journal</i> , 2007, 664, L91-L94.	4.5	224
23	Atmospheric and astrophysical neutrinos above 1 $\hat{A}$ TeV interacting in IceCube. <i>Physical Review D</i> , 2015, 91, .	4.7	209
24	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , 2017, 843, 40.	4.5	200
25	MILAGRO OBSERVATIONS OF MULTI-TeV EMISSION FROM GALACTIC SOURCES IN THE <i>FERMI</i> BRIGHT SOURCE LIST. <i>Astrophysical Journal</i> , 2009, 700, L127-L131.	4.5	186
26	Search for Supernova Relic Neutrinos at Super-Kamiokande. <i>Physical Review Letters</i> , 2003, 90, 061101.	7.8	181
27	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. <i>Physical Review D</i> , 2004, 69, .	4.7	172
28	Energy reconstruction methods in the IceCube neutrino telescope. <i>Journal of Instrumentation</i> , 2014, 9, P03009-P03009.	1.2	171
29	Discovery of TeV Gamma-Ray Emission from the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2007, 658, L33-L36.	4.5	161
30	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017, 843, 39.	4.5	159
31	Measurement of the atmospheric neutrino energy spectrum from 100 $\hat{A}$ GeV to 400 $\hat{A}$ TeV with IceCube. <i>Physical Review D</i> , 2011, 83, .	4.7	156
32	Flavor Ratio of Astrophysical Neutrinos above 35 $\hat{A}$ TeV in IceCube. <i>Physical Review Letters</i> , 2015, 114, 171102.	7.8	156
33	Discovery of Localized Regions of Excess 10-TeV Cosmic Rays. <i>Physical Review Letters</i> , 2008, 101, 221101.	7.8	152
34	THE LARGE-SCALE COSMIC-RAY ANISOTROPY AS OBSERVED WITH MILAGRO. <i>Astrophysical Journal</i> , 2009, 698, 2121-2130.	4.5	152
35	SEARCHES FOR EXTENDED AND POINT-LIKE NEUTRINO SOURCES WITH FOUR YEARS OF ICECUBE DATA. <i>Astrophysical Journal</i> , 2014, 796, 109.	4.5	149
36	Three flavor neutrino oscillation analysis of atmospheric neutrinos in Super-Kamiokande. <i>Physical Review D</i> , 2006, 74, .	4.7	146

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37	Multiple Galactic Sources with Emission Above 56 TeV Detected by HAWC. <i>Physical Review Letters</i> , 2020, 124, 021102.	7.8	143
38	Measurement of $\tilde{\rho}$ , the ratio of the real to the imaginary part of the $\hat{p}$ -forward elastic-scattering amplitude, at $\hat{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992, 68, 2433-2436.	7.8	134
39	Observation of the anisotropy of 10 TeV primary cosmic ray nuclei flux with the Super-Kamiokande-I detector. <i>Physical Review D</i> , 2007, 75, .	4.7	134
40	Observation of TeV Gamma Rays from the Crab Nebula with Milagro Using a New Background Rejection Technique. <i>Astrophysical Journal</i> , 2003, 595, 803-811.	4.5	133
41	Limits on a Muon Flux from Neutralino Annihilations in the Sun with the IceCube 22-String Detector. <i>Physical Review Letters</i> , 2009, 102, 201302.	7.8	132
42	A Measurement of the Spatial Distribution of Diffuse TeV Gamma-Ray Emission from the Galactic Plane with Milagro. <i>Astrophysical Journal</i> , 2008, 688, 1078-1083.	4.5	130
43	TIME-INTEGRATED SEARCHES FOR POINT-LIKE SOURCES OF NEUTRINOS WITH THE 40-STRING IceCube DETECTOR. <i>Astrophysical Journal</i> , 2011, 732, 18.	4.5	126
44	SEARCH FOR PROMPT NEUTRINO EMISSION FROM GAMMA-RAY BURSTS WITH ICECUBE. <i>Astrophysical Journal Letters</i> , 2015, 805, L5.	8.3	124
45	IceCube sensitivity for low-energy neutrinos from nearby supernovae. <i>Astronomy and Astrophysics</i> , 2011, 535, A109.	5.1	121
46	MEASUREMENT OF THE ANISOTROPY OF COSMIC-RAY ARRIVAL DIRECTIONS WITH ICECUBE. <i>Astrophysical Journal Letters</i> , 2010, 718, L194-L198.	8.3	119
47	OBSERVATION OF ANISOTROPY IN THE GALACTIC COSMIC-RAY ARRIVAL DIRECTIONS AT 400 TeV WITH ICECUBE. <i>Astrophysical Journal</i> , 2012, 746, 33.	4.5	115
48	Measurement of the cosmic ray energy spectrum with IceTop-73. <i>Physical Review D</i> , 2013, 88, .	4.7	114
49	Search for Proton Decay via $\hat{p} \rightarrow e + \hat{0}$ in a Large Water Cherenkov Detector. <i>Physical Review Letters</i> , 1998, 81, 3319-3323.	7.8	110
50	Evidence for T[CLC]e/[CLC]V Emission from GRB 970417[CLC]a/[CLC]. <i>Astrophysical Journal</i> , 2000, 533, L119-L122.	4.5	109
51	OBSERVATION OF ANISOTROPY IN THE ARRIVAL DIRECTIONS OF GALACTIC COSMIC RAYS AT MULTIPLE ANGULAR SCALES WITH IceCube. <i>Astrophysical Journal</i> , 2011, 740, 16.	4.5	103
52	Search for Proton Decay through $\hat{p} \rightarrow \hat{1}/2 \hat{K} + \hat{0}$ in a Large Water Cherenkov Detector. <i>Physical Review Letters</i> , 1999, 83, 1529-1533.	7.8	100
53	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. <i>Astrophysical Journal</i> , 2020, 905, 76.	4.5	99
54	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. <i>Astrophysical Journal</i> , 2019, 881, 134.	4.5	98

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55	IceCube sensitivity for low-energy neutrinos from nearby supernovae ( <i>Corrigendum</i> ). <i>Astronomy and Astrophysics</i> , 2014, 563, C1.	5.1	94
56	Multiyear search for a diffuse flux of muon neutrinos with AMANDA-II. <i>Physical Review D</i> , 2007, 76, .	4.7	92
57	Ultrahigh-Energy Pulsed Emission from Hercules X-1 with Anomalous Air-Shower Muon Production. <i>Physical Review Letters</i> , 1988, 61, 1906-1909.	7.8	89
58	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 40-string detector. <i>Physical Review D</i> , 2011, 84, .	4.7	87
59	Determining neutrino oscillation parameters from atmospheric muon neutrino disappearance with three years of IceCube DeepCore data. <i>Physical Review D</i> , 2015, 91, .	4.7	86
60	Limits on Neutrino Emission from Gamma-Ray Bursts with the 40 String IceCube Detector. <i>Physical Review Letters</i> , 2011, 106, 141101.	7.8	85
61	OBSERVATION OF COSMIC-RAY ANISOTROPY WITH THE ICETOP AIR SHOWER ARRAY. <i>Astrophysical Journal</i> , 2013, 765, 55.	4.5	85
62	Search for nucleon decay via modes favored by supersymmetric grand unification models in Super-Kamiokande-I. <i>Physical Review D</i> , 2005, 72, .	4.7	82
63	SEARCH FOR MUON NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE IceCube NEUTRINO TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 346-359.	4.5	81
64	SEARCH FOR TIME-INDEPENDENT NEUTRINO EMISSION FROM ASTROPHYSICAL SOURCES WITH 3 yr OF IceCube DATA. <i>Astrophysical Journal</i> , 2013, 779, 132.	4.5	81
65	Observation of the East-West Anisotropy of the Atmospheric Neutrino Flux. <i>Physical Review Letters</i> , 1999, 82, 5194-5197.	7.8	79
66	Search for dark matter from the Galactic halo with the IceCube Neutrino Telescope. <i>Physical Review D</i> , 2011, 84, .	4.7	79
67	Search for a Lorentz-violating sidereal signal with atmospheric neutrinos in IceCube. <i>Physical Review D</i> , 2010, 82, .	4.7	76
68	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. <i>Nature</i> , 2018, 562, 82-85.	27.8	75
69	Search for Ultra-“High”-Energy Neutrinos with AMANDA-II. <i>Astrophysical Journal</i> , 2008, 675, 1014-1024.	4.5	74
70	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 59-string configuration. <i>Physical Review D</i> , 2014, 89, .	4.7	74
71	Measurement of the $\hat{\sigma}_{\text{total}}$ cross section at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1989, 63, 2784-2786.	7.8	72
72	TeV Gamma-Ray Survey of the Northern Hemisphere Sky Using the Milagro Observatory. <i>Astrophysical Journal</i> , 2004, 608, 680-685.	4.5	72

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73	Evidence for TeV Gamma-Ray Emission from a Region of the Galactic Plane. <i>Physical Review Letters</i> , 2005, 95, 251103.	7.8	71
74	Determination of the atmospheric neutrino flux and searches for new physics with AMANDA-II. <i>Physical Review D</i> , 2009, 79, .	4.7	71
75	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
76	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2018, 853, 154.	4.5	69
77	Constraints on the extremely-high energy cosmic neutrino flux with the IceCube 2008-2009 data. <i>Physical Review D</i> , 2011, 83, .	4.7	68
78	Publisher's Note: Search for dark matter WIMPs using upward through-going muons in Super-Kamiokande [Phys. Rev. D70, 083523 (2004)]. <i>Physical Review D</i> , 2004, 70, .	4.7	67
79	Multiyear search for dark matter annihilations in the Sun with the AMANDA-II and IceCube detectors. <i>Physical Review D</i> , 2012, 85, .	4.7	66
80	Measurement of the Atmospheric $\langle \sigma_{\nu e} \rangle$ Flux in IceCube. <i>Physical Review Letters</i> , 2013, 110, 151105.	7.8	64
81	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
82	Limits on the Neutrino Magnetic Moment using 1496 Days of Super-Kamiokande-I Solar Neutrino Data. <i>Physical Review Letters</i> , 2004, 93, 021802.	7.8	59
83	Detection of atmospheric muon neutrinos with the IceCube 9-string detector. <i>Physical Review D</i> , 2007, 76, .	4.7	57
84	SEARCHES FOR TIME-DEPENDENT NEUTRINO SOURCES WITH ICECUBE DATA FROM 2008 TO 2012. <i>Astrophysical Journal</i> , 2015, 807, 46.	4.5	56
85	All-particle cosmic ray energy spectrum measured by the HAWC experiment from 10 to 500 TeV. <i>Physical Review D</i> , 2017, 96, .	4.7	56
86	IceCube search for dark matter annihilation in nearby galaxies and galaxy clusters. <i>Physical Review D</i> , 2013, 88, .	4.7	53
87	Five years of searches for point sources of astrophysical neutrinos with the AMANDA-II neutrino telescope. <i>Physical Review D</i> , 2007, 75, .	4.7	52
88	Search for $\tilde{\nu}_e$ from the Sun at Super-Kamiokande-I. <i>Physical Review Letters</i> , 2003, 90, 171302.	7.8	51
89	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. <i>Physical Review D</i> , 2003, 68, .	4.7	51
90	SPECTRUM AND MORPHOLOGY OF THE TWO BRIGHTEST MILAGRO SOURCES IN THE CYGNUS REGION: MGRO J2019+37 AND MGRO J2031+41. <i>Astrophysical Journal</i> , 2012, 753, 159.	4.5	51

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91	Search for signals from Cygnus X-3 at energies above 50 TeV. <i>Physical Review Letters</i> , 1988, 60, 1785-1788.	7.8	50
92	Measurement of Atmospheric Neutrino Oscillations with IceCube. <i>Physical Review Letters</i> , 2013, 111, 081801.	7.8	49
93	Composition of Primary Cosmic Rays above 10 <sup>13</sup> eV from the Study of Time Distributions of Energetic Hadrons near Air-Shower Cores. <i>Physical Review Letters</i> , 1979, 42, 854-857.	7.8	48
94	Measurement of the Atmospheric $\nu_{\mu}$ Spectrum with IceCube. <i>Physical Review D</i> , 2015, 91, .	4.7	48
95	HAWC J2227+610 and Its Association with G106.3+2.7, a New Potential Galactic PeVatron. <i>Astrophysical Journal Letters</i> , 2020, 896, L29.	8.3	48
96	Probing the origin of cosmic rays with extremely high energy neutrinos using the IceCube Observatory. <i>Physical Review D</i> , 2013, 88, .	4.7	47
97	Search for point sources of high energy neutrinos with final data from AMANDA-II. <i>Physical Review D</i> , 2009, 79, .	4.7	44
98	The Search for Muon Neutrinos from Northern Hemisphere Gamma-Ray Bursts with AMANDA. <i>Astrophysical Journal</i> , 2008, 674, 357-370.	4.5	43
99	FIRST NEUTRINO POINT-SOURCE RESULTS FROM THE 22 STRING ICECUBE DETECTOR. <i>Astrophysical Journal</i> , 2009, 701, L47-L51.	4.5	43
100	New limit on the rate-density of evaporating black holes. <i>Physical Review Letters</i> , 1993, 71, 2524-2527.	7.8	41
101	The High-Energy Gamma-Ray Fluence and Energy Spectrum of GRB 970417a from Observations with Milagro. <i>Astrophysical Journal</i> , 2003, 583, 824-832.	4.5	41
102	Searching for soft relativistic jets in core-collapse supernovae with the IceCube optical follow-up program. <i>Astronomy and Astrophysics</i> , 2012, 539, A60.	5.1	40
103	Constraints on Lorentz Invariance Violation from HAWC Observations of Gamma Rays above 100 TeV. <i>Physical Review Letters</i> , 2020, 124, 131101.	7.8	40
104	Observation of shadowing of ultrahigh-energy cosmic rays by the Moon and the Sun. <i>Physical Review D</i> , 1991, 43, 1735-1738.	4.7	39
105	Search for non-relativistic magnetic monopoles with IceCube. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	39
106	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
107	Sensitivity of HAWC to high-mass dark matter annihilations. <i>Physical Review D</i> , 2014, 90, .	4.7	38
108	Development of a general analysis and unfolding scheme and its application to measure the energy spectrum of atmospheric neutrinos with IceCube. <i>European Physical Journal C</i> , 2015, 75, 116.	3.9	38

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109	Search for Neutrinos from Gamma-Ray Bursts Using Super-Kamiokande. <i>Astrophysical Journal</i> , 2002, 578, 317-324.	4.5	37
110	TIME-DEPENDENT SEARCHES FOR POINT SOURCES OF NEUTRINOS WITH THE 40-STRING AND 22-STRING CONFIGURATIONS OF ICECUBE. <i>Astrophysical Journal</i> , 2012, 744, 1.	4.5	37
111	Extending the Search for Neutrino Point Sources with IceCube above the Horizon. <i>Physical Review Letters</i> , 2009, 103, 221102.	7.8	36
112	An improved method for measuring muon energy using the truncated mean of $dE/dx$ . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 703, 190-198.	1.6	36
113	A search for dark matter in the Galactic halo with HAWC. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 049-049.	5.4	36
114	Milagro Constraints on Very High Energy Emission from Short-Duration Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2007, 666, 361-367.	4.5	34
115	First search for atmospheric and extraterrestrial neutrino-induced cascades with the IceCube detector. <i>Physical Review D</i> , 2011, 84, .	4.7	34
116	Cosmic ray composition and energy spectrum from $1 \times 10^{13}$ to $3 \times 10^{15}$ PeV using the 40-string configuration of IceTop and IceCube. <i>Astroparticle Physics</i> , 2013, 42, 15-32.	4.3	34
117	Observation of the cosmic-ray shadow of the Moon with IceCube. <i>Physical Review D</i> , 2014, 89, .	4.7	34
118	Searches for small-scale anisotropies from neutrino point sources with three years of IceCube data. <i>Astroparticle Physics</i> , 2015, 66, 39-52.	4.3	34
119	Evidence of 200 TeV Photons from HAWC J1825-134. <i>Astrophysical Journal Letters</i> , 2021, 907, L30.	8.3	34
120	Measurement of the Nuclear Slope Parameter of the $p\bar{p}$ Elastic-Scattering Distribution at $s=1800\text{GeV}$ . <i>Physical Review Letters</i> , 1988, 61, 525-528.	7.8	33
121	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
122	Multiwavelength follow-up of a rare IceCube neutrino multiplet. <i>Astronomy and Astrophysics</i> , 2017, 607, A115.	5.1	33
123	Search for Neutrino-Induced Cascades from Gamma-Ray Bursts with AMANDA. <i>Astrophysical Journal</i> , 2007, 664, 397-410.	4.5	32
124	Solar Energetic Particle Spectrum on 2006 December 13 Determined by IceTop. <i>Astrophysical Journal</i> , 2008, 689, L65-L68.	4.5	32
125	All-sky Measurement of the Anisotropy of Cosmic Rays at 10 TeV and Mapping of the Local Interstellar Magnetic Field. <i>Astrophysical Journal</i> , 2019, 871, 96.	4.5	32
126	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

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127	A search of the northern sky for ultra-high-energy point sources. <i>Astrophysical Journal</i> , 1991, 383, L53.	4.5	32
128	Constraints on Very High Energy Gamma-Ray Emission from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2005, 630, 996-1002.	4.5	31
129	OBSERVATION AND SPECTRAL MEASUREMENTS OF THE CRAB NEBULA WITH MILAGRO. <i>Astrophysical Journal</i> , 2012, 750, 63.	4.5	30
130	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
131	Search for Galactic PeV gamma rays with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2013, 87, .	4.7	29
132	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	4.7	29
133	First search for extremely high energy cosmogenic neutrinos with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2010, 82, .	4.7	28
134	Multipole analysis of IceCube data to search for dark matter accumulated in the Galactic halo. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	28
135	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
136	Delayed hadrons in extensive air showers: Evidence for the iron-group nuclei in primary cosmic-ray flux at energies $\hat{\sim} 10^{13}$ - $10^{15}$ eV. <i>Physical Review D</i> , 1982, 26, 1043-1060.	4.7	27
137	SEARCH FOR HIGH-ENERGY MUON NEUTRINOS FROM THE "NAKED-EYE" GRB 080319B WITH THE IceCube NEUTRINO TELESCOPE. <i>Astrophysical Journal</i> , 2009, 701, 1721-1731.	4.5	27
138	Search for relativistic magnetic monopoles with the AMANDA-II neutrino telescope. <i>European Physical Journal C</i> , 2010, 69, 361-378.	3.9	26
139	Lateral distribution of muons in IceCube cosmic ray events. <i>Physical Review D</i> , 2013, 87, .	4.7	25
140	Improvement in fast particle track reconstruction with robust statistics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 736, 143-149.	1.6	25
141	Observation of Anisotropy of TeV Cosmic Rays with Two Years of HAWC. <i>Astrophysical Journal</i> , 2018, 865, 57.	4.5	25
142	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
143	Search for neutrino-induced particle showers with IceCube-40. <i>Physical Review D</i> , 2014, 89, .	4.7	23
144	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

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145	Search for relativistic magnetic monopoles with IceCube. <i>Physical Review D</i> , 2013, 87, .	4.7	20
146	Search for ultrahigh-energy tau neutrinos with IceCube. <i>Physical Review D</i> , 2012, 86, .	4.7	19
147	THE STUDY OF TeV VARIABILITY AND THE DUTY CYCLE OF Mrk 421 FROM 3 Yr OF OBSERVATIONS WITH THE MILAGRO OBSERVATORY. <i>Astrophysical Journal</i> , 2014, 782, 110.	4.5	19
148	Patient Satisfaction With Electroconvulsive Therapy. <i>Mayo Clinic Proceedings</i> , 1999, 74, 967-971.	3.0	18
149	Limits on the High-Energy Gamma and Neutrino Fluxes from the SGR 1806-20 Giant Flare of 27 December 2004 with the AMANDA-II Detector. <i>Physical Review Letters</i> , 2006, 97, 221101.	7.8	18
150	Limits on Very High Energy Emission from Gamma-Ray Bursts with the Milagro Observatory. <i>Astrophysical Journal</i> , 2004, 604, L25-L28.	4.5	17
151	Limits on a muon flux from Kaluza-Klein dark matter annihilations in the Sun from the IceCube 22-string detector. <i>Physical Review D</i> , 2010, 81, .	4.7	17
152	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. <i>Astrophysical Journal</i> , 2017, 843, 116.	4.5	16
153	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
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