

Julia Tjus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3232810/publications.pdf>

Version: 2024-02-01

413
papers

31,005
citations

4658

85
h-index

6131

159
g-index

419
all docs

419
docs citations

419
times ranked

14766
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
2	Evidence for High-Energy Extraterrestrial Neutrinos at the IceCube Detector. Science, 2013, 342, 1242856.	12.6	1,048
3	Observation of High-Energy Astrophysical Neutrinos in Three Years of IceCube Data. Physical Review Letters, 2014, 113, 101101.	7.8	873
4	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	12.6	654
5	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	3.7	640
6	Neutrino emission from the direction of the blazar TXS 0506+056 prior to the IceCube-170922A alert. Science, 2018, 361, 147-151.	12.6	601
7	First Observation of PeV-Energy Neutrinos with IceCube. Physical Review Letters, 2013, 111, 021103.	7.8	578
8	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
9	Variable Very High Energy $\hat{3}$ â€Ray Emission from Markarian 501. Astrophysical Journal, 2007, 669, 862-883.	4.5	426
10	The IceCube Neutrino Observatory: instrumentation and online systems. Journal of Instrumentation, 2017, 12, P03012-P03012.	1.2	390
11	First year performance of the IceCube neutrino telescope. Astroparticle Physics, 2006, 26, 155-173.	4.3	379
12	Very-High-Energy Gamma Rays from a Distant Quasar: How Transparent Is the Universe?. Science, 2008, 320, 1752-1754.	12.6	355
13	A COMBINED MAXIMUM-LIKELIHOOD ANALYSIS OF THE HIGH-ENERGY ASTROPHYSICAL NEUTRINO FLUX MEASURED WITH ICECUBE. Astrophysical Journal, 2015, 809, 98.	4.5	337
14	OBSERVATION AND CHARACTERIZATION OF A COSMIC MUON NEUTRINO FLUX FROM THE NORTHERN HEMISPHERE USING SIX YEARS OF ICECUBE DATA. Astrophysical Journal, 2016, 833, 3.	4.5	336
15	Acceleration of petaelectronvolt protons in the Galactic Centre. Nature, 2016, 531, 476-479.	27.8	326
16	The IceCube data acquisition system: Signal capture, digitization, and timestamping. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 601, 294-316.	1.6	312
17	An absence of neutrinos associated with cosmic-ray acceleration in $\hat{3}$ -ray bursts. Nature, 2012, 484, 351-354.	27.8	272
18	Evidence for Astrophysical Muon Neutrinos from the Northern Sky with IceCube. Physical Review Letters, 2015, 115, 081102.	7.8	247

#	ARTICLE	IF	CITATIONS
19	The H.E.S.S. Galactic plane survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A1.	5.1	244
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	High-energy neutrinos in the context of multimessenger astrophysics. <i>Physics Reports</i> , 2008, 458, 173-246.	25.6	234
22	VHE γ -Ray Observation of the Crab Nebula and its Pulsar with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2008, 674, 1037-1055.	4.5	233
23	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. <i>Physical Review Letters</i> , 2016, 117, 111301.	7.8	233
24	The design and performance of IceCube DeepCore. <i>Astroparticle Physics</i> , 2012, 35, 615-624.	4.3	222
25	Time-Integrated Neutrino Source Searches with 10 Years of IceCube Data. <i>Physical Review Letters</i> , 2020, 124, 051103.	7.8	221
26	Calibration and characterization of the IceCube photomultiplier tube. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 618, 139-152.	1.6	211
27	Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.. <i>Physical Review Letters</i> , 2011, 106, 161301.	7.8	209
28	Atmospheric and astrophysical neutrinos above 1 TeV interacting in IceCube. <i>Physical Review D</i> , 2015, 91, .	4.7	209
29	IceCube-Gen2: the window to the extreme Universe. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 060501.	3.6	204
30	All-sky Search for Time-integrated Neutrino Emission from Astrophysical Sources with 7 yr of IceCube Data. <i>Astrophysical Journal</i> , 2017, 835, 151.	4.5	198
31	THE CONTRIBUTION OF FERMI-2LAC BLAZARS TO DIFFUSE TEV-PEV NEUTRINO FLUX. <i>Astrophysical Journal</i> , 2017, 835, 45.	4.5	186
32	Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1. <i>Astrophysical Journal</i> , 2007, 665, L51-L54.	4.5	183
33	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. <i>Physical Review Letters</i> , 2013, 110, 041301.	7.8	176
34	Radio Imaging of the Very-High-Energy γ -Ray Emission Region in the Central Engine of a Radio Galaxy. <i>Science</i> , 2009, 325, 444-448.	12.6	175
35	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2014, 565, A16.	5.1	174
36	Observation of Pulsed γ -Rays Above 25 GeV from the Crab Pulsar with MAGIC. <i>Science</i> , 2008, 322, 1221-1224.	12.6	173

#	ARTICLE	IF	CITATIONS
37	Muon track reconstruction and data selection techniques in AMANDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 169-194.	1.6	171
38	Energy reconstruction methods in the IceCube neutrino telescope. Journal of Instrumentation, 2014, 9, P03009-P03009.	1.2	171
39	Probing quantum gravity using photons from a flare of the active galactic nucleus Markarian 501 observed by the MAGIC telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 253-257.	4.1	168
40	IceTop: The surface component of IceCube. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 700, 188-220.	1.6	166
41	Measurement of the atmospheric neutrino energy spectrum from 100 GeV to 400 TeV with IceCube. Physical Review D, 2011, 83, .	4.7	156
42	Flavor Ratio of Astrophysical Neutrinos above 35 TeV in IceCube. Physical Review Letters, 2015, 114, 171102.	7.8	156
43	Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope. Astrophysical Journal, 2007, 664, L87-L90.	4.5	155
44	Optical properties of deep glacial ice at the South Pole. Journal of Geophysical Research, 2006, 111, .	3.3	149
45	SEARCHES FOR EXTENDED AND POINT-LIKE NEUTRINO SOURCES WITH FOUR YEARS OF ICECUBE DATA. Astrophysical Journal, 2014, 796, 109.	4.5	149
46	Implementation of the Random Forest method for the Imaging Atmospheric Cherenkov Telescope MAGIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 424-432.	1.6	146
47	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
48	IceCube high-energy starting event sample: Description and flux characterization with 7.5 years of data. Physical Review D, 2021, 104, .	4.7	142
49	Searches for Sterile Neutrinos with the IceCube Detector. Physical Review Letters, 2016, 117, 071801.	7.8	140
50	Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.. Astronomy and Astrophysics, 2013, 550, A4.	5.1	139
51	Characteristics of the Diffuse Astrophysical Electron and Tau Neutrino Flux with Six Years of IceCube High Energy Cascade Data. Physical Review Letters, 2020, 125, 121104.	7.8	137
52	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	8.3	135
53	Limits on a Muon Flux from Neutralino Annihilations in the Sun with the IceCube 22-String Detector. Physical Review Letters, 2009, 102, 201302.	7.8	132
54	Differential limit on the extremely-high-energy cosmic neutrino flux in the presence of astrophysical background from nine years of IceCube data. Physical Review D, 2018, 98, .	4.7	131

#	ARTICLE	IF	CITATIONS
55	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
56	SEARCH FOR PROMPT NEUTRINO EMISSION FROM GAMMA-RAY BURSTS WITH ICECUBE. <i>Astrophysical Journal Letters</i> , 2015, 805, L5.	8.3	124
57	Measurement of South Pole ice transparency with the IceCube LED calibration system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 711, 73-89.	1.6	122
58	IceCube sensitivity for low-energy neutrinos from nearby supernovae. <i>Astronomy and Astrophysics</i> , 2011, 535, A109.	5.1	121
59	Observations of Markarian 421 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007, 663, 125-138.	4.5	120
60	MEASUREMENT OF THE ANISOTROPY OF COSMIC-RAY ARRIVAL DIRECTIONS WITH ICECUBE. <i>Astrophysical Journal Letters</i> , 2010, 718, L194-L198.	8.3	119
61	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A2.	5.1	117
62	The IceCube realtime alert system. <i>Astroparticle Physics</i> , 2017, 92, 30-41.	4.3	116
63	Extending the Search for Muon Neutrinos Coincident with Gamma-Ray Bursts in IceCube Data. <i>Astrophysical Journal</i> , 2017, 843, 112.	4.5	116
64	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
65	Measurement of the cosmic ray energy spectrum with IceTop-73. <i>Physical Review D</i> , 2013, 88, .	4.7	114
66	Measurement of the multi-TeV neutrino interaction cross-section with IceCube using Earth absorption. <i>Nature</i> , 2017, 551, 596-600.	27.8	113
67	Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS ξ 2155-304 energy spectrum. <i>Physical Review D</i> , 2013, 88, .	4.7	112
68	The exceptionally powerful TeV $\hat{\Gamma}^3$ -ray emitters in the Large Magellanic Cloud. <i>Science</i> , 2015, 347, 406-412.	12.6	111
69	Constraints on Ultrahigh-Energy Cosmic-Ray Sources from a Search for Neutrinos above 10 $\hat{\text{A}}$ PeV with IceCube. <i>Physical Review Letters</i> , 2016, 117, 241101.	7.8	111
70	Search for annihilating dark matter in the Sun with 3 $\hat{\text{A}}$ years of IceCube data. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	111
71	AN ALL-SKY SEARCH FOR THREE FLAVORS OF NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE ICECUBE NEUTRINO OBSERVATORY. <i>Astrophysical Journal</i> , 2016, 824, 115.	4.5	109
72	Search for $\hat{\Gamma}^3$ -Ray Line Signals from Dark Matter Annihilations in the Inner Galactic Halo from 10 Years of Observations with H.E.S.S.. <i>Physical Review Letters</i> , 2018, 120, 201101.	7.8	105

#	ARTICLE	IF	CITATIONS
73	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
74	Discovery of Very High Energy $\hat{\gamma}$ -Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae. <i>Astrophysical Journal</i> , 2007, 666, L17-L20.	4.5	102
75	Improving the performance of the single-dish Cherenkov telescope MAGIC through the use of signal timing. <i>Astroparticle Physics</i> , 2009, 30, 293-305.	4.3	98
76	Constraints on Galactic Neutrino Emission with Seven Years of IceCube Data. <i>Astrophysical Journal</i> , 2017, 849, 67.	4.5	95
77	H.E.S.S. observations of RX J1713.7 $\hat{\gamma}$ 3946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. <i>Astronomy and Astrophysics</i> , 2018, 612, A6.	5.1	95
78	Discovery of Very High Energy $\hat{\gamma}$ -Rays from 1ES 1011+496 at $\langle i \rangle z \langle /i \rangle = 0.212$. <i>Astrophysical Journal</i> , 2007, 667, L21-L24.	4.5	94
79	Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 flare data taken on MJD 53944. <i>Astroparticle Physics</i> , 2011, 34, 738-747.	4.3	94
80	Multiyear search for a diffuse flux of muon neutrinos with AMANDA-II. <i>Physical Review D</i> , 2007, 76, .	4.7	92
81	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
82	Observation of VHE $\hat{\gamma}$ -rays from Cassiopeia A with the MAGIC telescope. <i>Astronomy and Astrophysics</i> , 2007, 474, 937-940.	5.1	90
83	Measurement of Atmospheric Neutrino Oscillations at $6\hat{\epsilon}^{\prime}56\hat{A}GeV$ with IceCube DeepCore. <i>Physical Review Letters</i> , 2018, 120, 071801.	7.8	88
84	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
85	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009, 691, L13-L19.	4.5	86
86	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
87	Detection of a particle shower at the Glashow resonance with IceCube. <i>Nature</i> , 2021, 591, 220-224.	27.8	86
88	Discovery of Very High Energy $\hat{\gamma}$ -Rays from Markarian 180 Triggered by an Optical Outburst. <i>Astrophysical Journal</i> , 2006, 648, L105-L108.	4.5	85
89	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
90	OBSERVATION OF COSMIC-RAY ANISOTROPY WITH THE ICETOP AIR SHOWER ARRAY. <i>Astrophysical Journal</i> , 2013, 765, 55.	4.5	85

#	ARTICLE	IF	CITATIONS
91	Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. <i>Astrophysical Journal</i> , 2008, 685, L23-L26.	4.5	84
92	PERIODIC VERY HIGH ENERGY γ -RAY EMISSION FROM LS I +61 $^{\circ}$ 303 OBSERVED WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009, 693, 303-310.	4.5	81
93	SEARCH FOR MUON NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE IceCube NEUTRINO TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 346-359.	4.5	81
94	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
95	Search for dark matter from the Galactic halo with the IceCube Neutrino Telescope. <i>Physical Review D</i> , 2011, 84, .	4.7	79
96	A new SNR with TeV shell-type morphology: HESS J1731-347. <i>Astronomy and Astrophysics</i> , 2011, 531, A81.	5.1	77
97	Search for a Lorentz-violating sidereal signal with atmospheric neutrinos in IceCube. <i>Physical Review D</i> , 2010, 82, .	4.7	76
98	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. <i>Physical Review D</i> , 2014, 90, .	4.7	76
99	Cosmic ray spectrum and composition from PeV to EeV using 3 \hat{A} years of data from IceTop and IceCube. <i>Physical Review D</i> , 2019, 100, .	4.7	76
100	Discovery of extended VHE γ -ray emission from the vicinity of the young massive stellar cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2012, 537, A114.	5.1	76
101	Search for sterile neutrino mixing using three years of IceCube DeepCore data. <i>Physical Review D</i> , 2017, 95, .	4.7	75
102	Search for steady point-like sources in the astrophysical muon neutrino flux with 8 years of IceCube data. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	75
103	Unfolding of differential energy spectra in the MAGIC experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 583, 494-506.	1.6	74
104	Search for Ultra-High Energy Neutrinos with AMANDA. <i>Astrophysical Journal</i> , 2008, 675, 1014-1024.	4.5	74
105	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. <i>Astroparticle Physics</i> , 2011, 34, 608-616.	4.3	74
106	Probing the extent of the non-thermal emission from the Vela X region at TeV energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2012, 548, A38.	5.1	74
107	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
108	H.E.S.S. discovery of VHE γ -rays from the quasar PKS 1510-089. <i>Astronomy and Astrophysics</i> , 2013, 554, A107.	5.1	73

#	ARTICLE	IF	CITATIONS
109	MAGIC Upper Limits on the Very High Energy Emission from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2007, 667, 358-366.	4.5	72
110	Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. <i>Astrophysical Journal</i> , 2008, 679, 1029-1039.	4.5	72
111	DISCOVERY OF VERY HIGH ENERGY $\hat{\gamma}$ -RAYS FROM THE BLAZAR S5 0716+714. <i>Astrophysical Journal</i> , 2009, 704, L129-L133.	4.5	72
112	ANISOTROPY IN COSMIC-RAY ARRIVAL DIRECTIONS IN THE SOUTHERN HEMISPHERE BASED ON SIX YEARS OF DATA FROM THE ICECUBE DETECTOR. <i>Astrophysical Journal</i> , 2016, 826, 220.	4.5	72
113	Determination of the atmospheric neutrino flux and searches for new physics with AMANDA-II. <i>Physical Review D</i> , 2009, 79, .	4.7	71
114	THE ORIGIN OF COSMIC RAYS: EXPLOSIONS OF MASSIVE STARS WITH MAGNETIC WINDS AND THEIR SUPERNOVA MECHANISM. <i>Astrophysical Journal</i> , 2010, 725, 184-187.	4.5	71
115	Diffuse Galactic gamma-ray emission with H.E.S.S.. <i>Physical Review D</i> , 2014, 90, .	4.7	69
116	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
117	Improved Characterization of the Astrophysical Muon Neutrino Flux with 9.5 Years of IceCube Data. <i>Astrophysical Journal</i> , 2022, 928, 50.	4.5	67
118	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
119	Neutrino interferometry for high-precision tests of Lorentz symmetry with IceCube. <i>Nature Physics</i> , 2018, 14, 961-966.	16.7	66
120	Search for Extraterrestrial Point Sources of Neutrinos with AMANDA-II. <i>Physical Review Letters</i> , 2004, 92, 071102.	7.8	65
121	Detection of Very High Energy Radiation from the BL Lacertae Object PG 1553+113 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007, 654, L119-L122.	4.5	65
122	MAGIC Observations of the Unidentified $\hat{\gamma}$ -Ray Source TeV J2032+4130. <i>Astrophysical Journal</i> , 2008, 675, L25-L28.	4.5	64
123	Measurement of the Atmospheric $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">e^{-\hat{\gamma}^2/2} \rangle$ Flux in IceCube. <i>Physical Review Letters</i> , 2013, 110, 151105.	7.8	64
124	PROPOSAL: A tool for propagation of charged leptons. <i>Computer Physics Communications</i> , 2013, 184, 2070-2090.	7.5	64
125	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , 2018, 868, L20.	8.3	64
126	Search for neutrinos from dark matter self-annihilations in the center of the Milky Way with 3 years of IceCube/DeepCore. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	62

#	ARTICLE	IF	CITATIONS
127	Search for neutrinos from decaying dark matter with IceCube. <i>European Physical Journal C</i> , 2018, 78, 831.	3.9	62
128	Upper Limit for $\hat{\Gamma}^3$ Ray Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. <i>Astrophysical Journal</i> , 2008, 679, 428-431.	4.5	61
129	The energy spectrum of atmospheric neutrinos between 2 and 200 TeV with the AMANDA-II detector. <i>Astroparticle Physics</i> , 2010, 34, 48-58.	4.3	61
130	SPECTRAL ANALYSIS AND INTERPRETATION OF THE $\hat{\Gamma}^3$ -RAY EMISSION FROM THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , 2012, 757, 158.	4.5	61
131	Flux limits on ultra high energy neutrinos with AMANDA-B10. <i>Astroparticle Physics</i> , 2005, 22, 339-353.	4.3	60
132	High-energy neutrinos from radio galaxies. <i>Physical Review D</i> , 2014, 89, .	4.7	60
133	Investigation of Two Fermi-LAT Gamma-Ray Blazars Coincident with High-energy Neutrinos Detected by IceCube. <i>Astrophysical Journal</i> , 2019, 880, 103.	4.5	60
134	Detection of atmospheric muon neutrinos with the IceCube 9-string detector. <i>Physical Review D</i> , 2007, 76, .	4.7	57
135	Influence of hadronic interaction models and the cosmic ray spectrum on the high energy atmospheric muon and neutrino flux. <i>Physical Review D</i> , 2012, 86, .	4.7	57
136	Particle transport within the pulsar wind nebula HESS J1825 $\hat{\Gamma}^3$ 137. <i>Astronomy and Astrophysics</i> , 2019, 621, A116.	5.1	57
137	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. <i>Astrophysical Journal</i> , 2012, 750, 123.	4.5	57
138	eV-Scale Sterile Neutrino Search Using Eight Years of Atmospheric Muon Neutrino Data from the IceCube Neutrino Observatory. <i>Physical Review Letters</i> , 2020, 125, 141801.	7.8	57
139	SEARCHES FOR TIME-DEPENDENT NEUTRINO SOURCES WITH ICECUBE DATA FROM 2008 TO 2012. <i>Astrophysical Journal</i> , 2015, 807, 46.	4.5	56
140	Improved limits on dark matter annihilation in the Sun with the 79-string IceCube detector and implications for supersymmetry. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 022-022.	5.4	56
141	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009, 703, 169-178.	4.5	55
142	Measurements using the inelasticity distribution of multi-TeV neutrino interactions in IceCube. <i>Physical Review D</i> , 2019, 99, .	4.7	55
143	Observation of Very High Energy $\hat{\Gamma}^3$ Rays from the AGN 1ES 2344+514 in a Low Emission State with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007, 662, 892-899.	4.5	54
144	Measurement of the EBL spectral energy distribution using the VHE $\hat{\Gamma}^3$ -ray spectra of H.E.S.S. blazars. <i>Astronomy and Astrophysics</i> , 2017, 606, A59.	5.1	54

#	ARTICLE	IF	CITATIONS
145	IceCube search for dark matter annihilation in nearby galaxies and galaxy clusters. <i>Physical Review D</i> , 2013, 88, .	4.7	53
146	Search for Sources of Astrophysical Neutrinos Using Seven Years of IceCube Cascade Events. <i>Astrophysical Journal</i> , 2019, 886, 12.	4.5	53
147	Measurement of atmospheric tau neutrino appearance with IceCube DeepCore. <i>Physical Review D</i> , 2019, 99, .	4.7	53
148	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
149	DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. <i>Astrophysical Journal</i> , 2009, 692, L29-L33.	4.5	52
150	Revisiting the Westerlund Å2 field with the HESS telescope array. <i>Astronomy and Astrophysics</i> , 2011, 525, A46.	5.1	52
151	Search for dark matter annihilation in the Galactic Center with IceCube-79. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	52
152	Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A9.	5.1	52
153	Limits to the muon flux from neutralino annihilations in the Sun with the AMANDA detector. <i>Astroparticle Physics</i> , 2006, 24, 459-466.	4.3	51
154	Multiwavelength (Radio, X-ray, and γ -ray) Observations of the γ -ray Binary LS I +61 303. <i>Astrophysical Journal</i> , 2008, 684, 1351-1358.	4.5	51
155	Characterization of the atmospheric muon flux in IceCube. <i>Astroparticle Physics</i> , 2016, 78, 1-27.	4.3	51
156	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. AND FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 802, 65.	4.5	50
157	Measurement of Atmospheric Neutrino Oscillations with IceCube. <i>Physical Review Letters</i> , 2013, 111, 081801.	7.8	49
158	Search for extended γ -ray emission around AGN with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2014, 562, A145.	5.1	49
159	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , 2016, 823, 65.	4.5	49
160	Measurement of the Atmospheric μ Spectrum with IceCube. <i>Physical Review D</i> , 2015, 91, .	4.7	48
161	A multiwavelength view of the flaring state of PKS Å2155-304 in 2006. <i>Astronomy and Astrophysics</i> , 2012, 539, A149.	5.1	48
162	CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. <i>Astrophysical Journal</i> , 2009, 706, L27-L32.	4.5	47

#	ARTICLE	IF	CITATIONS
163	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
164	The 2014 TeV $\hat{3}$ -Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation. <i>Astrophysical Journal</i> , 2019, 870, 93.	4.5	47
165	UPPER LIMITS ON THE VHE GAMMA-RAY EMISSION FROM THE WILLMAN 1 SATELLITE GALAXY WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009, 697, 1299-1304.	4.5	46
166	Ultra-high-energy cosmic rays from radio galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 036-036.	5.4	46
167	Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 057-057.	5.4	46
168	Discovery of hard-spectrum $\hat{3}$ -ray emission from the BL Lacertae object 1ES 0414+009. <i>Astronomy and Astrophysics</i> , 2012, 538, A103.	5.1	45
169	PINGU: a vision for neutrino and particle physics at the South Pole. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 054006.	3.6	45
170	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	45
171	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mrk 501 IN A LOW STATE IN 2006. <i>Astrophysical Journal</i> , 2009, 705, 1624-1631.	4.5	44
172	Search for point sources of high energy neutrinos with final data from AMANDA-II. <i>Physical Review D</i> , 2009, 79, .	4.7	44
173	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004~2011. <i>Astronomy and Astrophysics</i> , 2014, 564, A9.	5.1	44
174	Search for astrophysical tau neutrinos in three years of IceCube data. <i>Physical Review D</i> , 2016, 93, .	4.7	44
175	Population study of Galactic supernova remnants at very high $\hat{3}$ -ray energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A3.	5.1	44
176	The Search for Muon Neutrinos from Northern Hemisphere Gamma-Ray Bursts with AMANDA. <i>Astrophysical Journal</i> , 2008, 674, 357-370.	4.5	43
177	FIRST NEUTRINO POINT-SOURCE RESULTS FROM THE 22 STRING ICECUBE DETECTOR. <i>Astrophysical Journal</i> , 2009, 701, L47-L51.	4.5	43
178	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. <i>Astronomy and Astrophysics</i> , 2014, 562, L4.	5.1	43
179	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100 GeV to 2 TeV Energy Range Close to the Galactic Center. <i>Physical Review Letters</i> , 2016, 117, 151302.	7.8	43
180	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0~4622): Morphology studies and resolved spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 612, A7.	5.1	43

#	ARTICLE	IF	CITATIONS
181	FADC signal reconstruction for the MAGIC telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 407-419.	1.6	42
182	Cosmic Ray Electrons and Positrons from Supernova Explosions of Massive Stars. Physical Review Letters, 2009, 103, 061101.	7.8	42
183	Closing in on the origin of Galactic cosmic rays using multimessenger information. Physics Reports, 2020, 872, 1-98.	25.6	42
184	The diffuse neutrino flux from FR-II radio galaxies and blazars: A source property based estimate. Astroparticle Physics, 2005, 23, 355-368.	4.3	41
185	The starburst galaxy NGC 253 revisited by H.E.S.S. and <i>Fermi</i> -LAT. Astronomy and Astrophysics, 2018, 617, A73.	5.1	41
186	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster Terzan 5. Astronomy and Astrophysics, 2011, 531, L18.	5.1	40
187	Searching for soft relativistic jets in core-collapse supernovae with the IceCube optical follow-up program. Astronomy and Astrophysics, 2012, 539, A60.	5.1	40
188	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. Physical Review D, 2017, 96, .	4.7	40
189	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. Astrophysical Journal, 2014, 780, 168.	4.5	39
190	Search for non-relativistic magnetic monopoles with IceCube. European Physical Journal C, 2014, 74, 1.	3.9	39
191	THE DETECTION OF A SN II _{in} IN OPTICAL FOLLOW-UP OBSERVATIONS OF ICECUBE NEUTRINO EVENTS. Astrophysical Journal, 2015, 811, 52.	4.5	39
192	Search for extraterrestrial point sources of high energy neutrinos with AMANDA-II using data collected in 2000–2002. Physical Review D, 2005, 71, .	4.7	38
193	Development of a general analysis and unfolding scheme and its application to measure the energy spectrum of atmospheric neutrinos with IceCube. European Physical Journal C, 2015, 75, 116.	3.9	38
194	THE RADIO–GAMMA CORRELATION IN STARBURST GALAXIES. Astrophysical Journal, 2016, 821, 87.	4.5	38
195	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. Astrophysical Journal Letters, 2017, 850, L22.	8.3	38
196	TIME-DEPENDENT SEARCHES FOR POINT SOURCES OF NEUTRINOS WITH THE 40-STRING AND 22-STRING CONFIGURATIONS OF ICECUBE. Astrophysical Journal, 2012, 744, 1.	4.5	37
197	All-flavour search for neutrinos from dark matter annihilations in the Milky Way with IceCube/DeepCore. European Physical Journal C, 2016, 76, 1.	3.9	37
198	Extending the Search for Neutrino Point Sources with IceCube above the Horizon. Physical Review Letters, 2009, 103, 221102.	7.8	36

#	ARTICLE	IF	CITATIONS
199	An improved method for measuring muon energy using the truncated mean of dE/dx . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 703, 190-198.	1.6	36
200	Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the Milky Way Center with H.E.S.S.. Physical Review Letters, 2015, 114, 081301.	7.8	36
201	CRPropa 3.1 – a low energy extension based on stochastic differential equations. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 046-046.	5.4	36
202	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2018, 612, A5.	5.1	35
203	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	4.3	35
204	H.E.S.S. OBSERVATIONS OF THE GLOBULAR CLUSTERS NGC 6388 AND M15 AND SEARCH FOR A DARK MATTER SIGNAL. Astrophysical Journal, 2011, 735, 12.	4.5	34
205	First search for atmospheric and extraterrestrial neutrino-induced cascades with the IceCube detector. Physical Review D, 2011, 84, .	4.7	34
206	Cosmic ray composition and energy spectrum from 1×10^{30} PeV using the 40-string configuration of IceTop and IceCube. Astroparticle Physics, 2013, 42, 15-32.	4.3	34
207	H.E.S.S. observations of the binary system PSR B1259-63/LS 2883 around the 2010/2011 periastron passage. Astronomy and Astrophysics, 2013, 551, A94.	5.1	34
208	Observation of the cosmic-ray shadow of the Moon with IceCube. Physical Review D, 2014, 89, .	4.7	34
209	Searches for small-scale anisotropies from neutrino point sources with three years of IceCube data. Astroparticle Physics, 2015, 66, 39-52.	4.3	34
210	Searching for eV-scale sterile neutrinos with eight years of atmospheric neutrinos at the IceCube Neutrino Telescope. Physical Review D, 2020, 102, .	4.7	34
211	MAGIC TeV gamma-ray observations of Markarian 421 during multiwavelength campaigns in 2006. Astronomy and Astrophysics, 2010, 519, A32.	5.1	33
212	Discovery of the source HESS J1356-645 associated with the young and energetic PSR J1357-6429. Astronomy and Astrophysics, 2011, 533, A103.	5.1	33
213	Measurement of acoustic attenuation in South Pole ice. Astroparticle Physics, 2011, 34, 382-393.	4.3	33
214	Characterizing the γ -ray long-term variability of PKS 2155+304 with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2017, 598, A39.	5.1	33
215	Multiwavelength follow-up of a rare IceCube neutrino multiplet. Astronomy and Astrophysics, 2017, 607, A115.	5.1	33
216	Coincident GRB neutrino flux predictions: Implications for experimental UHE neutrino physics. Astroparticle Physics, 2006, 25, 118-128.	4.3	32

#	ARTICLE	IF	CITATIONS
217	Search for Neutrino-induced Cascades from Gamma-Ray Bursts with AMANDA. <i>Astrophysical Journal</i> , 2007, 664, 397-410.	4.5	32
218	Solar Energetic Particle Spectrum on 2006 December 13 Determined by IceTop. <i>Astrophysical Journal</i> , 2008, 689, L65-L68.	4.5	32
219	TRACING THE SOURCES OF COSMIC RAYS WITH MOLECULAR IONS. <i>Astrophysical Journal Letters</i> , 2011, 739, L43.	8.3	32
220	HESS and Fermi-LAT discovery of $\hat{\gamma}$ -rays from the blazar 1ES1312+423. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1889-1901.	4.4	32
221	Discovery of TeV $\hat{\gamma}$ -ray emission from PKS0447-439 and derivation of an upper limit on its redshift. <i>Astronomy and Astrophysics</i> , 2013, 552, A118.	5.1	32
222	First ground-based measurement of sub-20 GeV to 100 GeV $\hat{\gamma}$ -Rays from the Vela pulsar with H.E.S.S. II. <i>Astronomy and Astrophysics</i> , 2018, 620, A66.	5.1	32
223	A search for new supernova remnant shells in the Galactic plane with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2018, 612, A8.	5.1	32
224	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	4.5	32
225	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
226	HESS J1943+213: a candidate extreme BL Lacertae object. <i>Astronomy and Astrophysics</i> , 2011, 529, A49.	5.1	31
227	DISCOVERY OF THE HARD SPECTRUM VHE $\hat{\gamma}$ -RAY SOURCE HESS J1641+463. <i>Astrophysical Journal Letters</i> , 2014, 794, L1.	8.3	31
228	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. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 037-037.	5.4	31
229	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. <i>Physical Review D</i> , 2020, 102, .	4.7	31
230	Suzaku and Multi-Wavelength Observations of OJ 287 during the Periodic Optical Outburst in 2007. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, 1011-1022.	2.5	30
231	Searches for gamma-ray lines and pure WIMP spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 037-037.	5.4	30
232	IceCube Search for Neutrinos Coincident with Compact Binary Mergers from LIGO-Virgo's First Gravitational-wave Transient Catalog. <i>Astrophysical Journal Letters</i> , 2020, 898, L10.	8.3	30
233	Neutrinos from active black holes, sources of ultra high energy cosmic rays. <i>Astroparticle Physics</i> , 2009, 31, 138-148.	4.3	29
234	Discovery of VHE $\hat{\gamma}$ -ray emission and multi-wavelength observations of the BL Lacertae object 1RXS J101015.9+311909. <i>Astronomy and Astrophysics</i> , 2012, 542, A94.	5.1	29

#	ARTICLE	IF	CITATIONS
235	Search for Galactic PeV gamma rays with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2013, 87, .	4.7	29
236	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
237	Searches for relativistic magnetic monopoles in IceCube. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	29
238	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155-304 and PG 1553+113. <i>Astronomy and Astrophysics</i> , 2017, 600, A89.	5.1	29
239	A convolutional neural network based cascade reconstruction for the IceCube Neutrino Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P07041.	1.2	29
240	NO OBSERVATIONAL CONSTRAINTS FROM HYPOTHETICAL COLLISIONS OF HYPOTHETICAL DARK HALO PRIMORDIAL BLACK HOLES WITH GALACTIC OBJECTS. <i>Astrophysical Journal</i> , 2009, 705, 659-669.	4.5	29
241	On the origin of ultra high energy cosmic rays: subluminal and superluminal relativistic shocks. <i>Astronomy and Astrophysics</i> , 2008, 492, 323-336.	5.1	28
242	First search for extremely high energy cosmogenic neutrinos with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2010, 82, .	4.7	28
243	Discovery of VHE emission towards the Carina arm region with the H.E.S.S. telescope array: HESS J1018-589. <i>Astronomy and Astrophysics</i> , 2012, 541, A5.	5.1	28
244	Discovery of variable VHE γ -ray emission from the binary system 1FGL J1018.6-5856. <i>Astronomy and Astrophysics</i> , 2015, 577, A131.	5.1	28
245	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
246	The γ -ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2018, 619, A71.	5.1	28
247	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
248	HESS J1640-465 - an exceptionally luminous TeV γ -ray supernova remnant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2828-2836.	4.4	27
249	LOWERING ICECUBE'S ENERGY THRESHOLD FOR POINT SOURCE SEARCHES IN THE SOUTHERN SKY. <i>Astrophysical Journal Letters</i> , 2016, 824, L28.	8.3	27
250	THE WMAP HAZE FROM THE GALACTIC CENTER REGION DUE TO MASSIVE STAR EXPLOSIONS AND A REDUCED COSMIC RAY SCALE HEIGHT. <i>Astrophysical Journal Letters</i> , 2010, 710, L53-L57.	8.3	26
251	Search for relativistic magnetic monopoles with the AMANDA-II neutrino telescope. <i>European Physical Journal C</i> , 2010, 69, 361-378.	3.9	26
252	Discovery of very high energy γ -ray emission from the BL Lacertae object PKS 0301-243 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 559, A136.	5.1	26

#	ARTICLE	IF	CITATIONS
253	Turbulence-level dependence of cosmic ray parallel diffusion. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5051-5064.	4.4	26
254	On the selection of AGN neutrino source candidates for a source stacking analysis with neutrino telescopes. Astroparticle Physics, 2006, 26, 282-300.	4.3	25
255	Identification of HESS J1303+631 as a pulsar wind nebula through γ -ray, X-ray, and radio observations. Astronomy and Astrophysics, 2012, 548, A46.	5.1	25
256	Cosmic-ray-induced ionization in molecular clouds adjacent to supernova remnants. Astronomy and Astrophysics, 2012, 541, A126.	5.1	25
257	Lateral distribution of muons in IceCube cosmic ray events. Physical Review D, 2013, 87, .	4.7	25
258	Improvement in fast particle track reconstruction with robust statistics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 736, 143-149.	1.6	25
259	Cosmic backgrounds due to the formation of the first generation of supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1147-1156.	4.4	25
260	The high-energy γ -ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	5.1	25
261	Prediction of the diffuse neutrino flux from cosmic ray interactions near supernova remnants. Astroparticle Physics, 2015, 65, 80-100.	4.3	25
262	Resolving the Crab pulsar wind nebula at teraelectronvolt energies. Nature Astronomy, 2020, 4, 167-173.	10.1	25
263	Combined sensitivity to the neutrino mass ordering with JUNO, the IceCube Upgrade, and PINGU. Physical Review D, 2020, 101, .	4.7	25
264	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. Astrophysical Journal, 2020, 892, 92.	4.5	25
265	MUON ACCELERATION IN COSMIC-RAY SOURCES. Astrophysical Journal, 2013, 779, 106.	4.5	24
266	Long-term monitoring of PKS 2155+304 with ATOM and H.E.S.S.: investigation of optical/ γ -ray correlations in different spectral states. Astronomy and Astrophysics, 2014, 571, A39.	5.1	24
267	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. Journal of Instrumentation, 2016, 11, P11009-P11009.	1.2	24
268	Measurement of the μ $^{1/2}$ energy spectrum with IceCube-79. European Physical Journal C, 2017, 77, 692.	3.9	24
269	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. Astronomy and Astrophysics, 2018, 612, A4.	5.1	24
270	Cosmic Neutrinos from Temporarily Gamma-suppressed Blazars. Astrophysical Journal Letters, 2021, 911, L18.	8.3	24

#	ARTICLE	IF	CITATIONS
271	Probing the gamma-ray emission from HESS J1834-087 using H.E.S.S. and Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2015, 574, A27.	5.1	24
272	Discovery of gamma-ray emission from the extragalactic pulsar wind nebula N157B with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2012, 545, L2.	5.1	23
273	Search for neutrino-induced particle showers with IceCube-40. <i>Physical Review D</i> , 2014, 89, .	4.7	23
274	Search for nonstandard neutrino interactions with IceCube DeepCore. <i>Physical Review D</i> , 2018, 97, .	4.7	23
275	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. <i>Astronomy and Astrophysics</i> , 2018, 612, A14.	5.1	23
276	Constraints on Minute-Scale Transient Astrophysical Neutrino Sources. <i>Physical Review Letters</i> , 2019, 122, 051102.	7.8	23
277	Limits on the muon flux from neutralino annihilations at the center of the Earth with AMANDA. <i>Astroparticle Physics</i> , 2006, 26, 129-139.	4.3	22
278	Search for neutrino-induced cascades with five years of AMANDA data. <i>Astroparticle Physics</i> , 2011, 34, 420-430.	4.3	22
279	A Search for Neutrino Emission from Fast Radio Bursts with Six Years of IceCube Data. <i>Astrophysical Journal</i> , 2018, 857, 117.	4.5	22
280	COSMIC-RAY TRANSPORT AND ANISOTROPIES. <i>Astrophysical Journal</i> , 2013, 768, 124.	4.5	21
281	Search for Astrophysical Sources of Neutrinos Using Cascade Events in IceCube. <i>Astrophysical Journal</i> , 2017, 846, 136.	4.5	21
282	H.E.S.S. discovery of very high energy γ -ray emission from PKS 0625+354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4187-4198.	4.4	21
283	Impact of secondary acceleration on the neutrino spectra in gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2014, 569, A58.	5.1	21
284	IceCube Search for High-energy Neutrino Emission from TeV Pulsar Wind Nebulae. <i>Astrophysical Journal</i> , 2020, 898, 117.	4.5	21
285	Measurement of sound speed vs. depth in South Pole ice for neutrino astronomy. <i>Astroparticle Physics</i> , 2010, 33, 277-286.	4.3	20
286	Search for relativistic magnetic monopoles with IceCube. <i>Physical Review D</i> , 2013, 87, .	4.7	20
287	South Pole glacial climate reconstruction from multi-borehole laser particulate stratigraphy. <i>Journal of Glaciology</i> , 2013, 59, 1117-1128.	2.2	20
288	First search for dark matter annihilations in the Earth with the IceCube detector. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	20

#	ARTICLE	IF	CITATIONS
289	Astrophysical neutrinos and cosmic rays observed by IceCube. <i>Advances in Space Research</i> , 2018, 62, 2902-2930.	2.6	20
290	A Search for IceCube Events in the Direction of ANITA Neutrino Candidates. <i>Astrophysical Journal</i> , 2020, 892, 53.	4.5	20
291	H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. <i>Astronomy and Astrophysics</i> , 2015, 575, A81.	5.1	20
292	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud. <i>Astronomy and Astrophysics</i> , 2015, 574, A100.	5.1	20
293	A Search for MeV to TeV Neutrinos from Fast Radio Bursts with IceCube. <i>Astrophysical Journal</i> , 2020, 890, 111.	4.5	20
294	Detection of very-high-energy γ -ray emission from the vicinity of PSR B1706-44 and G343.1+2.3 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2011, 528, A143.	5.1	19
295	Search for ultrahigh-energy tau neutrinos with IceCube. <i>Physical Review D</i> , 2012, 86, .	4.7	19
296	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
297	Systematic Search for VHE Gamma-Ray Emission from X-ray-bright High-Frequency BL Lac Objects. <i>Astrophysical Journal</i> , 2008, 681, 944-953.	4.5	18
298	SEARCH FOR VHE γ -RAY EMISSION FROM THE GLOBULAR CLUSTER M13 WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009, 702, 266-269.	4.5	18
299	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110.	5.1	18
300	Discovery of high and very high-energy emission from the BL Lacertae object SHBL J001355.9-185406. <i>Astronomy and Astrophysics</i> , 2013, 554, A72.	5.1	18
301	TeV γ -ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 790-799.	4.4	18
302	On the non-thermal electron-to-proton ratio at cosmic ray acceleration sites. <i>Astroparticle Physics</i> , 2017, 90, 75-84.	4.3	18
303	Follow-up of Astrophysical Transients in Real Time with the IceCube Neutrino Observatory. <i>Astrophysical Journal</i> , 2021, 910, 4.	4.5	18
304	Regimes of cosmic-ray diffusion in Galactic turbulence. <i>SN Applied Sciences</i> , 2022, 4, 15.	2.9	18
305	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
306	HESS observations of the Carina nebula and its enigmatic colliding wind binary Eta Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 128-135.	4.4	17

#	ARTICLE	IF	CITATIONS
307	Cosmic ray spectrum from 250 TeV to 10 PeV using IceTop. <i>Physical Review D</i> , 2020, 102, .	4.7	17
308	MAGIC observations of PG 1553+113 during a multiwavelength campaign in July 2006. <i>Astronomy and Astrophysics</i> , 2009, 493, 467-469.	5.1	16
309	Search for very-high-energy γ -ray emission from Galactic globular clusters with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 551, A26.	5.1	16
310	MAGIC observation of the GRB 080430 afterglow. <i>Astronomy and Astrophysics</i> , 2010, 517, A5.	5.1	15
311	Use of event-level neutrino telescope data in global fits for theories of new physics. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 057-057.	5.4	15
312	All-particle cosmic ray energy spectrum measured with 26 IceTop stations. <i>Astroparticle Physics</i> , 2013, 44, 40-58.	4.3	15
313	Supernova explosions of massive stars and cosmic rays. <i>Advances in Space Research</i> , 2018, 62, 2773-2816.	2.6	15
314	On the relative importance of hadronic emission processes along the jet axis of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2885-2901.	4.4	15
315	Measurement of the high-energy all-flavor neutrino-nucleon cross section with IceCube. <i>Physical Review D</i> , 2021, 104, .	4.7	15
316	MAGIC upper limits to the VHE gamma-ray flux of 3C 454.3 in high emission state. <i>Astronomy and Astrophysics</i> , 2009, 498, 83-87.	5.1	15
317	Search for GeV-scale dark matter annihilation in the Sun with IceCube DeepCore. <i>Physical Review D</i> , 2022, 105, .	4.7	15
318	Simultaneous multi-frequency observation of the unknown redshift blazar PG 1553+113 in March-April 2008. <i>Astronomy and Astrophysics</i> , 2010, 515, A76.	5.1	14
319	SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM PULSAR-PULSAR WIND NEBULA SYSTEMS WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 828-835.	4.5	14
320	Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 1163-1169.	4.4	14
321	Efficient propagation of systematic uncertainties from calibration to analysis with the SnowStorm method in IceCube. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 048-048.	5.4	14
322	In-situ calibration of the single-photoelectron charge response of the IceCube photomultiplier tubes. <i>Journal of Instrumentation</i> , 2020, 15, P06032-P06032.	1.2	14
323	The IceCube prototype string in Amanda. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 556, 169-181.	1.6	13
324	Constraints on the Steady and Pulsed Very High Energy Gamma-Ray Emission from Observations of PSR B1951 documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage[portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} ewcommandcyr{ enewcommandmdefault{wncyr} enewcommandsfdefault{wncyss} enewcommandencodingdefault{OT2} ormalfont sele. <i>Astrop</i>	4.5	13

#	ARTICLE	IF	CITATIONS
325	Astrophysical implications of high energy neutrino limits. <i>Astroparticle Physics</i> , 2007, 28, 98-118.	4.3	13
326	NEUTRINO ANALYSIS OF THE 2010 SEPTEMBER CRAB NEBULA FLARE AND TIME-INTEGRATED CONSTRAINTS ON NEUTRINO EMISSION FROM THE CRAB USING ICECUBE. <i>Astrophysical Journal</i> , 2012, 745, 45.	4.5	13
327	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. <i>Astronomy and Astrophysics</i> , 2018, 612, A12.	5.1	13
328	Search for transient optical counterparts to high-energy IceCube neutrinos with Pan-STARRS1. <i>Astronomy and Astrophysics</i> , 2019, 626, A117.	5.1	13
329	Solenoidal Improvements for the JF12 Galactic Magnetic Field Model. <i>Astrophysical Journal</i> , 2019, 877, 76.	4.5	13
330	All-flavor constraints on nonstandard neutrino interactions and generalized matter potential with three years of IceCube DeepCore data. <i>Physical Review D</i> , 2021, 104, .	4.7	13
331	NEUTRINO EMISSION FROM HIGH-ENERGY COMPONENT GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2010, 721, 1891-1899.	4.5	12
332	Background studies for acoustic neutrino detection at the South Pole. <i>Astroparticle Physics</i> , 2012, 35, 312-324.	4.3	12
333	The Propagation of Cosmic Rays from the Galactic Wind Termination Shock: Back to the Galaxy?. <i>Astrophysical Journal</i> , 2018, 859, 63.	4.5	12
334	Extended VHE γ -ray emission towards SGR1806 $\hat{~}$ 20, LBV 1806 $\hat{~}$ 20, and stellar cluster Cl* 1806 $\hat{~}$ 20. <i>Astronomy and Astrophysics</i> , 2018, 612, A11.	5.1	12
335	Detection of variable VHE γ -ray emission from the extra-galactic γ -ray binary LMC P3. <i>Astronomy and Astrophysics</i> , 2018, 610, L17.	5.1	12
336	Search for PeV Gamma-Ray Emission from the Southern Hemisphere with 5 Yr of Data from the IceCube Observatory. <i>Astrophysical Journal</i> , 2020, 891, 9.	4.5	12
337	Cosmic-ray propagation around the Sun: investigating the influence of the solar magnetic field on the cosmic-ray Sun shadow. <i>Astronomy and Astrophysics</i> , 2020, 633, A83.	5.1	12
338	Development of an analysis to probe the neutrino mass ordering with atmospheric neutrinos using three years of IceCube DeepCore data. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	12
339	Search for Multi-flare Neutrino Emissions in 10 yr of IceCube Data from a Catalog of Sources. <i>Astrophysical Journal Letters</i> , 2021, 920, L45.	8.3	12
340	Search for Relativistic Magnetic Monopoles with Eight Years of IceCube Data. <i>Physical Review Letters</i> , 2022, 128, 051101.	7.8	12
341	First Bounds on the Very High Energy γ -Ray Emission from Arp 220. <i>Astrophysical Journal</i> , 2007, 658, 245-248.	4.5	11
342	First Bounds on the High-Energy Emission from Isolated Wolf-Rayet Binary Systems. <i>Astrophysical Journal</i> , 2008, 685, L71-L74.	4.5	11

#	ARTICLE	IF	CITATIONS
343	SEARCHES FOR PERIODIC NEUTRINO EMISSION FROM BINARY SYSTEMS WITH 22 AND 40 STRINGS OF ICECUBE. <i>Astrophysical Journal</i> , 2012, 748, 118.	4.5	11
344	HESS J1818-154, a new composite supernova remnant discovered in TeV gamma rays and X-rays. <i>Astronomy and Astrophysics</i> , 2014, 562, A40.	5.1	11
345	Neutrino oscillation studies with IceCube-DeepCore. <i>Nuclear Physics B</i> , 2016, 908, 161-177.	2.5	11
346	A muon-track reconstruction exploiting stochastic losses for large-scale Cherenkov detectors. <i>Journal of Instrumentation</i> , 2021, 16, P08034.	1.2	11
347	A Search for Neutrino Point-source Populations in 7 yr of IceCube Data with Neutrino-count Statistics. <i>Astrophysical Journal</i> , 2020, 893, 102.	4.5	11
348	Recurrent Neutrino Emission from Supermassive Black Hole Mergers. <i>Astrophysical Journal Letters</i> , 2020, 905, L13.	8.3	11
349	INTERNAL τ^3 OPACITY IN ACTIVE GALACTIC NUCLEI AND THE CONSEQUENCES FOR THE TeV OBSERVATIONS OF M87 AND Cen A. <i>Astrophysical Journal</i> , 2011, 736, 98.	4.5	10
350	SEARCHES FOR HIGH-ENERGY NEUTRINO EMISSION IN THE GALAXY WITH THE COMBINED ICECUBE-AMANDA DETECTOR. <i>Astrophysical Journal</i> , 2013, 763, 33.	4.5	10
351	Gamma-ray emitting supernova remnants as the origin of Galactic cosmic rays?. <i>Astroparticle Physics</i> , 2016, 81, 1-11.	4.3	10
352	Interpolation of Turbulent Magnetic Fields and Its Consequences on Cosmic Ray Propagation. <i>Astrophysical Journal</i> , 2020, 889, 123.	4.5	10
353	Limits on the source properties of FR-I galaxies from high-energy neutrino and gamma observations. <i>Astroparticle Physics</i> , 2013, 48, 30-36.	4.3	9
354	Theoretical study of ionization profiles of molecular clouds near supernova remnants. <i>Astronomy and Astrophysics</i> , 2014, 567, A50.	5.1	9
355	The IceProd framework: Distributed data processing for the IceCube neutrino observatory. <i>Journal of Parallel and Distributed Computing</i> , 2015, 75, 198-211.	4.1	9
356	A Search for Time-dependent Astrophysical Neutrino Emission with IceCube Data from 2012 to 2017. <i>Astrophysical Journal</i> , 2021, 911, 67.	4.5	9
357	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. <i>Astrophysical Journal</i> , 2021, 906, 63.	4.5	9
358	A novel analytical model of the magnetic field configuration in the Galactic center. <i>Astronomy and Astrophysics</i> , 2020, 644, A71.	5.1	9
359	Constraints on high-energy neutrino emission from SN 2008D. <i>Astronomy and Astrophysics</i> , 2011, 527, A28.	5.1	8
360	Measurements of the time-dependent cosmic-ray Sun shadow with seven years of IceCube data: Comparison with the Solar cycle and magnetic field models. <i>Physical Review D</i> , 2021, 103, .	4.7	8

#	ARTICLE	IF	CITATIONS
361	LeptonInjector and LeptonWeighter: A neutrino event generator and weighter for neutrino observatories. Computer Physics Communications, 2021, 266, 108018.	7.5	8
362	The Cherenkov Telescope Array potential for the study of young supernova remnants. Astroparticle Physics, 2015, 62, 152-164.	4.3	7
363	SEARCH FOR SOURCES OF HIGH-ENERGY NEUTRONS WITH FOUR YEARS OF DATA FROM THE ICETOP DETECTOR. Astrophysical Journal, 2016, 830, 129.	4.5	7
364	A search for very high-energy flares from the microquasars GRS 1915+105, Circinus X-1, and V4641 Sgr using contemporaneous H.E.S.S. and RXTE observations. Astronomy and Astrophysics, 2018, 612, A10.	5.1	7
365	Detection of the Temporal Variation of the Sun's Cosmic Ray Shadow with the IceCube Detector. Astrophysical Journal, 2019, 872, 133.	4.5	7
366	Astro-COLIBRI – The COincidence LIBrary for Real-time Inquiry for Multimessenger Astrophysics. Astrophysical Journal, Supplement Series, 2021, 256, 5.	7.7	7
367	Search for High-energy Neutrinos from Ultraluminous Infrared Galaxies with IceCube. Astrophysical Journal, 2022, 926, 59.	4.5	7
368	Propagation of Cosmic Rays in Plasmoids of AGN Jets-Implications for Multimessenger Predictions. Physics, 2022, 4, 473-490.	1.4	7
369	Strong Constraints on Neutrino Nonstandard Interactions from TeV-Scale $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub} \langle \text{mml:mi} \hat{1} \rangle \rangle \langle \text{mml:mi} \hat{1} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ Disappearance at IceCube. Physical Review Letters, 2022, 129, .	7.8	7
370	Status of neutrino astronomy. Journal of Physics: Conference Series, 2008, 136, 022055.	0.4	6
371	ACTIVE GALACTIC NUCLEI: SOURCES FOR ULTRA HIGH ENERGY COSMIC RAYS. International Journal of Modern Physics D, 2009, 18, 1577-1581.	2.1	6
372	Constraints on the gamma-ray emission from the cluster-scale AGN outburst in the Hydra A galaxy cluster. Astronomy and Astrophysics, 2012, 545, A103.	5.1	6
373	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. Astronomy and Astrophysics, 2017, 597, A115.	5.1	6
374	Velocity independent constraints on spin-dependent DM-nucleon interactions from IceCube and PICO. European Physical Journal C, 2020, 80, 1.	3.9	6
375	First all-flavor search for transient neutrino emission using 3-years of IceCube DeepCore data. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 027.	5.4	6
376	Anisotropic cosmic ray diffusion in isotropic Kolmogorov turbulence. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2658-2666.	4.4	6
377	Light charged particle emission in the reaction $^{251}\text{Cf}(n, \alpha)$. Nuclear Physics A, 2005, 761, 173-189.	1.5	5
378	Neutrinos from photo-hadronic interactions in Pks2155-304. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 269-272.	1.6	5

#	ARTICLE	IF	CITATIONS
379	THE SEARCH FOR TRANSIENT ASTROPHYSICAL NEUTRINO EMISSION WITH ICECUBE-DEEPCORE. <i>Astrophysical Journal</i> , 2016, 816, 75.	4.5	5
380	H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3886-3891.	4.4	5
381	Constraints on neutrino emission from nearby galaxies using the 2MASS redshift survey and IceCube. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 042-042.	5.4	5
382	Search for GeV neutrino emission during intense gamma-ray solar flares with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2021, 103, .	4.7	5
383	HESS J1741-302: a hidden accelerator in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2018, 612, A13.	5.1	4
384	Searches for neutrinos from cosmic-ray interactions in the Sun using seven years of IceCube data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 025-025.	5.4	4
385	Cosmic ray transport and anisotropies to high energies. <i>ASTRA Proceedings</i> , 0, 2, 39-44.	0.0	4
386	PropPy – Correlated random walk propagation of cosmic rays in magnetic turbulence. <i>Journal of Open Source Software</i> , 2022, 7, 4243.	4.6	4
387	Galactic Propagation of Cosmic Rays from Individual Supernova Remnants. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012019.	0.4	3
388	VHE γ -ray discovery and multi-wavelength study of the blazar 1ES 2322-409. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	3
389	Neutrinos below 100 TeV from the southern sky employing refined veto techniques to IceCube data. <i>Astroparticle Physics</i> , 2020, 116, 102392.	4.3	3
390	Design and performance of the first IceAct demonstrator at the South Pole. <i>Journal of Instrumentation</i> , 2020, 15, T02002-T02002.	1.2	3
391	Neutrinos from colliding wind binaries: future prospects for PINGU and ORCA. <i>ASTRA Proceedings</i> , 0, 1, 7-11.	0.0	3
392	Cosmic Ray Cradles in the Galaxy. , 0, , .		2
393	Computational techniques for the analysis of small signals in high-statistics neutrino oscillation experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 977, 164332.	1.6	2
394	A Possible GeV-Radio Correlation for Starburst Galaxies. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2013, , 299-304.	0.3	2
395	Observation of the Cosmic-Ray Shadow of the Moon and Sun with IceCube. <i>ASTRA Proceedings</i> , 0, 2, 5-8.	0.0	2
396	Implications of AMANDA neutrino flux limits. <i>Journal of Physics: Conference Series</i> , 2007, 60, 219-222.	0.4	1

#	ARTICLE	IF	CITATIONS
397	Search for Galactic cosmic ray sources: The multimessenger approach. EPJ Web of Conferences, 2015, 105, 00003.	0.3	1
398	CRPropa - A Toolbox for Cosmic Ray Simulations. Journal of Physics: Conference Series, 2019, 1181, 012034.	0.4	1
399	Gamma-ray emitting supernova remnants as the origin of Galactic cosmic rays. ASTRA Proceedings, 0, 2, 57-62.	0.0	1
400	Studying the Temporal Variation of the Cosmic-Ray Sun Shadow Using IceCube Data. , 2019, , .		1
401	Plasmas, particles and photonsâ€™ spotlights on multimessenger astronomy. Plasma Physics and Controlled Fusion, 2022, 64, 044013.	2.1	1
402	GRB neutrino search with MAGIC. AIP Conference Proceedings, 2008, , .	0.4	0
403	Search for neutrinos from GRBs with AMANDA and IceCube. AIP Conference Proceedings, 2008, , .	0.4	0
404	Neutrinos from Starburst-Galaxies â€™ A source stacking analysis of AMANDA II and IceCube data. Astrophysics and Space Sciences Transactions, 2011, 7, 7-10.	1.0	0
405	Influence of hadronic interaction models and the cosmic ray spectrum on the high-energy atmospheric muon and neutrino flux. EPJ Web of Conferences, 2013, 52, 09003.	0.3	0
406	Cosmic-ray tracing. Nature Physics, 2018, 14, 333-334.	16.7	0
407	NEUTRINO PHYSICS AT THE SOUTH POLE - RECENT RESULTS FROM THE AMANDA EXPERIMENT. , 2006, , .		0
408	Neutrinos from Astrophysical Sources. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 681.	0.1	0
409	Cosmic-Ray-Induced Ionization in Molecular Clouds Adjacent to Supernova Remnants. Thirty Years of Astronomical Discovery With UKIRT, 2013, , 317-324.	0.3	0
410	Ionisation as indicator for cosmic ray acceleration. ASTRA Proceedings, 0, 1, 13-17.	0.0	0
411	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud <i>(Corrigendum)</i>. Astronomy and Astrophysics, 2015, 580, C1.	5.1	0
412	On the (extra)Galactic origin(s) of the IceCube neutrino signal. , 2017, , .		0
413	Framework and tools for the simulation and analysis of the radio emission from air showers at IceCube. Journal of Instrumentation, 2022, 17, P06026.	1.2	0