

Binita Hona

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

854
citations

1040056

9
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. <i>Astrophysical Journal</i> , 2022, 928, 116.	4.5	6
2	Long-term Spectra of the Blazars Mrk 421 and Mrk 501 at TeV Energies Seen by HAWC. <i>Astrophysical Journal</i> , 2022, 929, 125.	4.5	8
3	Gamma/hadron separation with the HAWC observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1039, 166984.	1.6	3
4	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
5	Evidence of 200 TeV Photons from HAWC J1825-134. <i>Astrophysical Journal Letters</i> , 2021, 907, L30.	8.3	34
6	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
7	Spectrum and Morphology of the Very-high-energy Source HAWC J2019+368. <i>Astrophysical Journal</i> , 2021, 911, 143.	4.5	14
8	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
9	HAWC Search for High-mass Microquasars. <i>Astrophysical Journal Letters</i> , 2021, 912, L4.	8.3	3
10	HAWC as a Ground-Based Space-Weather Observatory. <i>Solar Physics</i> , 2021, 296, 1.	2.5	2
11	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
12	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
13	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
14	Multiple Galactic Sources with Emission Above 56 TeV Detected by HAWC. <i>Physical Review Letters</i> , 2020, 124, 021102.	7.8	143
15	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. <i>Astrophysical Journal</i> , 2020, 905, 73.	4.5	2
16	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. <i>Astrophysical Journal</i> , 2019, 881, 134.	4.5	98
17	Testing the Limits of Particle Acceleration in Cygnus OB2 with HAWC. , 2019, , .		5
18	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. <i>Nature</i> , 2018, 562, 82-85.	27.8	75

#	ARTICLE	IF	CITATIONS
19	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. Science, 2017, 358, 911-914.	12.6	303