

Alberto Carramiñana

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,329
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , 2017, 843, 40.	4.5	200
3	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017, 843, 39.	4.5	159
4	Multiple Galactic Sources with Emission Above 56 TeV Detected by HAWC. <i>Physical Review Letters</i> , 2020, 124, 021102.	7.8	143
5	On the sensitivity of the HAWC observatory to gamma-ray bursts. <i>Astroparticle Physics</i> , 2012, 35, 641-650.	4.3	100
6	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. <i>Astrophysical Journal</i> , 2020, 905, 76.	4.5	99
7	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. <i>Astrophysical Journal</i> , 2019, 881, 134.	4.5	98
8	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
9	Evidence of 200 TeV Photons from HAWC J1825-134. <i>Astrophysical Journal Letters</i> , 2021, 907, L30.	8.3	34
10	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
11	Early Science with the Large Millimeter Telescope: An Energy-driven Wind Revealed by Massive Molecular and Fast X-Ray Outflows in the Seyfert Galaxy IRAS A17020+4544. <i>Astrophysical Journal Letters</i> , 2018, 867, L11.	8.3	24
12	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. <i>Astrophysical Journal</i> , 2021, 917, 6.	4.5	15
13	Spectrum and Morphology of the Very-high-energy Source HAWC J2019+368. <i>Astrophysical Journal</i> , 2021, 911, 143.	4.5	14
14	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
15	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
16	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. <i>Astrophysical Journal</i> , 2021, 906, 63.	4.5	9
17	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
18	Fair Weather Neutron Bursts From Photonuclear Reactions by Extensive Air Shower Core Interactions in the Ground and Implications for Terrestrial Gamma-ray Flash Signatures. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090033.	4.0	7

#	ARTICLE	IF	CITATIONS
19	HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. <i>Astrophysical Journal</i> , 2022, 928, 116.	4.5	6
20	HAWC Search for High-mass Microquasars. <i>Astrophysical Journal Letters</i> , 2021, 912, L4.	8.3	3
21	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
22	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. <i>Astrophysical Journal</i> , 2020, 905, 73.	4.5	2
23	Probing the Extragalactic Mid-infrared Background with HAWC. <i>Astrophysical Journal</i> , 2022, 933, 223.	4.5	0