James Hinton

List of Publications by Year
in descending order

17	1,882	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	2009
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pulsar wind nebula origin of the LHAASO-detected ultra-high energy Î³-ray sources. Astronomy and Astrophysics, 2022, 660, A8.	5.1	14
2	Galactic gamma-ray and neutrino emission from interacting cosmic-ray nuclei. Astronomy and Astrophysics, 2022, 661, A72.	5.1	8
3	Ultra-high Energy Inverse Compton Emission from Galactic Electron Accelerators. Astrophysical Journal Letters, 2021, 908, L49.	8.3	21
4	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. Science, 2021, 372, 1081-1085.	12.6	86
5	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. Astrophysical Journal, 2021, 917, 6.	4.5	15
6	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. Astrophysical Journal, 2021, 919, 106.	4.5	6
7	H.E.S.S. Follow-up Observations of Binary Black Hole Coalescence Events during the Second and Third Gravitational-wave Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2021, 923, 109.	4.5	6
8	Muons as a tool for background rejection in imaging atmospheric Cherenkov telescope arrays. European Physical Journal C, 2021, 81, 1.	3.9	5
9	Halo fraction in TeV-bright pulsar wind nebulae. Astronomy and Astrophysics, 2020, 636, A113.	5.1	63
10	Gamma-ray and X-ray constraints on non-thermal processes inÎ·Carinae. Astronomy and Astrophysics, 2020, 635, A144.	5.1	11
11	A very-high-energy component deep in the Î³-ray burst afterglow. Nature, 2019, 575, 464-467.	27.8	166
12	Particle transport within the pulsar wind nebula HESS J1825â€“137. Astronomy and Astrophysics, 2019, 621, A116.	5.1	57
13	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	5.1	244
14	Measurement of the EBL spectral energy distribution using the VHE Î³-ray spectra of H.E.S.S. blazars. Astronomy and Astrophysics, 2017, 606, A59.	5.1	54
15	Inverse Compton Scenarios for the TeV Gammaâ€Ray Emission of the Galactic Center. Astrophysical Journal, 2007, 657, 302-307.	4.5	60
16	The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays. Astrophysical Journal, 2006, 636, 777-797.	4.5	463
17	Observations of the Crab nebula with HESS. Astronomy and Astrophysics, 2006, 457, 899-915.	5.1	603