

# James Hinton

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

1,882  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of the Crab nebula with HESS. <i>Astronomy and Astrophysics</i> , 2006, 457, 899-915.	5.1	603
2	The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays. <i>Astrophysical Journal</i> , 2006, 636, 777-797.	4.5	463
3	The H.E.S.S. Galactic plane survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A1.	5.1	244
4	A very-high-energy component deep in the $\hat{\Gamma}^3$ -ray burst afterglow. <i>Nature</i> , 2019, 575, 464-467.	27.8	166
5	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. <i>Science</i> , 2021, 372, 1081-1085.	12.6	86
6	Halo fraction in TeV-bright pulsar wind nebulae. <i>Astronomy and Astrophysics</i> , 2020, 636, A113.	5.1	63
7	Inverse Compton Scenarios for the TeV Gamma-Ray Emission of the Galactic Center. <i>Astrophysical Journal</i> , 2007, 657, 302-307.	4.5	60
8	Particle transport within the pulsar wind nebula HESS J1825-137. <i>Astronomy and Astrophysics</i> , 2019, 621, A116.	5.1	57
9	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
10	Ultra-high Energy Inverse Compton Emission from Galactic Electron Accelerators. <i>Astrophysical Journal Letters</i> , 2021, 908, L49.	8.3	21
11	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. <i>Astrophysical Journal</i> , 2021, 917, 6.	4.5	15
12	Pulsar wind nebula origin of the LHAASO-detected ultra-high energy $\hat{\Gamma}^3$ -ray sources. <i>Astronomy and Astrophysics</i> , 2022, 660, A8.	5.1	14
13	Gamma-ray and X-ray constraints on non-thermal processes in $\hat{\Gamma}^3$ Carinae. <i>Astronomy and Astrophysics</i> , 2020, 635, A144.	5.1	11
14	Galactic gamma-ray and neutrino emission from interacting cosmic-ray nuclei. <i>Astronomy and Astrophysics</i> , 2022, 661, A72.	5.1	8
15	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. <i>Astrophysical Journal</i> , 2021, 919, 106.	4.5	6
16	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. <i>Astrophysical Journal</i> , 2021, 923, 109.	4.5	6
17	Muons as a tool for background rejection in imaging atmospheric Cherenkov telescope arrays. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	5