

Francois Brun

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

732
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1607
citing authors

#	ARTICLE	IF	CITATIONS
1	The H.E.S.S. Galactic plane survey. <i>Astronomy and Astrophysics</i> , 2018, 612, A1.	5.1	244
2	A very-high-energy component deep in the $\hat{\Gamma}^3$ -ray burst afterglow. <i>Nature</i> , 2019, 575, 464-467.	27.8	166
3	H.E.S.S. observations of RX J1713.7 $\hat{\Gamma}^3$ 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
4	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
5	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. <i>Astrophysical Journal Letters</i> , 2017, 850, L22.	8.3	38
6	Characterizing the $\hat{\Gamma}^3$ -ray long-term variability of PKS 2155 $\hat{\Gamma}^3$ 304 with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , 2017, 598, A39.	5.1	33
7	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. <i>Astrophysical Journal</i> , 2021, 917, 6.	4.5	15
8	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. <i>Astrophysical Journal</i> , 2021, 918, 17.	4.5	10
9	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. <i>Astrophysical Journal Letters</i> , 2020, 894, L16.	8.3	9
10	The H.E.S.S. gravitational wave rapid follow-up program. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 045.	5.4	9
11	Analysis of the H.E.S.S. public data release with ctools. <i>Astronomy and Astrophysics</i> , 2019, 632, A102.	5.1	7
12	Analysis methods to search for transient events in ground-based very high energy $\hat{\Gamma}^3$ -ray astronomy. <i>Astroparticle Physics</i> , 2020, 118, 102429.	4.3	6
13	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
14	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
15	Measurement of performance of the NectarCAM photodetectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1007, 165413.	1.6	2