

Liang Chen

List of Publications by Year in descending order

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13
papers

721
citations

933447

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1125743

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docs citations

13
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\Gamma}^3$ -ray Galactic sources. <i>Nature</i> , 2021, 594, 33-36.	27.8	262
2	Peta- $\hat{\Gamma}^3$ -electron volt gamma-ray emission from the Crab Nebula. <i>Science</i> , 2021, 373, 425-430.	12.6	86
3	On the Jet Properties of $\hat{\Gamma}^3$ -Ray-loud Active Galactic Nuclei. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 39.	7.7	74
4	CONSTRAINTS ON THE MINIMUM ELECTRON LORENTZ FACTOR AND MATTER CONTENT OF JETS FOR A SAMPLE OF BRIGHT <i><i>FERMI</i></i> BLAZARS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 5.	7.7	63
5	CURVATURE OF THE SPECTRAL ENERGY DISTRIBUTIONS OF BLAZARS. <i>Astrophysical Journal</i> , 2014, 788, 179.	4.5	51
6	A 34.5 day quasi-periodic oscillation in $\hat{\Gamma}^3$ -ray emission from the blazar PKS 2247-131. <i>Nature Communications</i> , 2018, 9, 4599.	12.8	49
7	IMPLICATIONS FOR THE BLAZAR SEQUENCE AND INVERSE COMPTON MODELS FROM <i><i>FERMI</i></i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2011, 735, 108.	4.5	43
8	Analytical Solution of Magnetically Dominated Astrophysical Jets and Winds: Jet Launching, Acceleration, and Collimation. <i>Astrophysical Journal</i> , 2021, 906, 105.	4.5	32
9	On the Origin of the Hard X-Ray Excess of High-Synchrotron-Peaked BL Lac Object Mrk 421. <i>Astrophysical Journal</i> , 2017, 842, 129.	4.5	30
10	Examining the High-energy Radiation Mechanisms of Knots and Hotspots in Active Galactic Nucleus Jets. <i>Astrophysical Journal</i> , 2018, 858, 27.	4.5	14
11	On the Origin and Evolution of Curvature of the Spectral Energy Distribution of Fermi Bright Blazars. <i>Astrophysical Journal</i> , 2020, 898, 48.	4.5	7
12	On the origin of GeV spectral break for Fermi blazars: 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5875-5881.	4.4	5
13	A possible blazar spectral irregularity case caused by photon-axionlike-particle oscillations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 007.	5.4	5