

# Liang Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3309161/publications.pdf>

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13  
papers

721  
citations

933447

10  
h-index

1125743

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g-index

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all docs

13  
docs citations

13  
times ranked

821  
citing authors

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