

# James Chiang

## List of Publications by Year in descending order

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20  
papers

5,027  
citations

567281

15  
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839539

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all docs

20  
docs citations

20  
times ranked

6704  
citing authors

#	ARTICLE	IF	CITATIONS
1	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
2	THE NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY (NuSTAR) HIGH-ENERGY X-RAY MISSION. <i>Astrophysical Journal</i> , 2013, 770, 103.	4.5	1,627
3	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
4	TIME DELAY OF CASCADE RADIATION FOR TeV BLAZARS AND THE MEASUREMENT OF THE INTERGALACTIC MAGNETIC FIELD. <i>Astrophysical Journal Letters</i> , 2011, 733, L21.	8.3	191
5	X-ray Spectral Variability Signatures of Flares in BL Lacertae Objects. <i>Astrophysical Journal</i> , 2002, 581, 127-142.	4.5	152
6	Synchrotron and Synchrotron Self-Compton Emission and the Blast-Wave Model of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 512, 699-710.	4.5	149
7	Beaming, Baryon Loading, and the Synchrotron Self-Compton Component in Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2000, 537, 785-795.	4.5	128
8	Fireball Loading and the Blast-Wave Model of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 1999, 513, 656-668.	4.5	105
9	Synchrotron and Synchrotron Self-Compton Spectral Signatures and Blazar Emission Models. <i>Astrophysical Journal</i> , 2002, 564, 92-96.	4.5	44
10	The External Shock Model of Gamma-Ray Bursts: Three Predictions and a Paradox Resolved. <i>Astrophysical Journal</i> , 1999, 515, L49-L52.	4.5	43
11	Spectral Energy Distributions of Gamma-Ray Bursts Energized by External Shocks. <i>Astrophysical Journal</i> , 2000, 537, 255-260.	4.5	38
12	Electron acceleration and synchrotron radiation in decelerating plasmoids. <i>New Astronomy</i> , 1998, 3, 157-173.	1.8	33
13	The LSST DESC DC2 Simulated Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 31.	7.7	32
14	Using Multiwavelength Observations to Determine the Black Hole Mass and Accretion Rate in the Type 1 Seyfert Galaxy NGC 5548. <i>Astrophysical Journal</i> , 2003, 586, 97-111.	4.5	30
15	An X-ray Reprocessing Model of Disk Thermal Emission in Type 1 Seyfert Galaxies. <i>Astrophysical Journal</i> , 2002, 572, 79-93.	4.5	29
16	Energy-dependent Gamma-Ray Burst Peak Durations and Blast-Wave Deceleration. <i>Astrophysical Journal</i> , 1998, 508, 752-756.	4.5	13
17	Thermal Comptonization and Disk Thermal Reprocessing in NGC 3516. <i>Astrophysical Journal</i> , 2001, 557, L15-L18.	4.5	8
18	Integration and verification testing of the LSST camera. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Time-Integrated Gamma-Ray Burst Synchrotron Spectra from Blast-Wave/Cloud Interactions. Astrophysical Journal, 1999, 514, 856-861.	4.5	2
20	Event Reconstruction and Source Analysis Methods for Pair-Conversion Telescopes. , 2021, , 95-115.		2