

James Chiang

List of Publications by Year in descending order

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20
papers

5,027
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

6704
citing authors

#	ARTICLE	IF	CITATIONS
1	The LSST DESC DC2 Simulated Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 31.	7.7	32
2	Event Reconstruction and Source Analysis Methods for Pair-Conversion Telescopes. , 2021, , 95-115.		2
3	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
4	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
5	Integration and verification testing of the LSST camera. , 2018, , .		3
6	THE<i>NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY</i> (<i>NuSTAR</i>) HIGH-ENERGY X-RAY MISSION. <i>Astrophysical Journal</i> , 2013, 770, 103.	4.5	1,627
7	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
8	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
9	An Xâ€Ray Reprocessing Model of Disk Thermal Emission in Type 1 Seyfert Galaxies. <i>Astrophysical Journal</i> , 2002, 572, 79-93.	4.5	29
10	Xâ€Ray Spectral Variability Signatures of Flares in BL Lacertae Objects. <i>Astrophysical Journal</i> , 2002, 581, 127-142.	4.5	152
11	Synchrotron and Synchrotron Selfâ€Compton Spectral Signatures and Blazar Emission Models. <i>Astrophysical Journal</i> , 2002, 564, 92-96.	4.5	44
12	Thermal Comptonization and Disk Thermal Reprocessing in NGC 3516. <i>Astrophysical Journal</i> , 2001, 557, L15-L18.	4.5	8
13	Beaming, Baryon Loading, and the Synchrotron Selfâ€Compton Component in Gammaâ€Ray Bursts. <i>Astrophysical Journal</i> , 2000, 537, 785-795.	4.5	128
14	Spectral Energy Distributions of Gammaâ€Ray Bursts Energized by External Shocks. <i>Astrophysical Journal</i> , 2000, 537, 255-260.	4.5	38
15	Timeâ€Integrated Gammaâ€Ray Burst Synchrotron Spectra from Blastâ€Wave/Cloud Interactions. <i>Astrophysical Journal</i> , 1999, 514, 856-861.	4.5	2
16	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
17	Fireball Loading and the Blastâ€Wave Model of Gammaâ€Ray Bursts. <i>Astrophysical Journal</i> , 1999, 513, 656-668.	4.5	105
18	Synchrotron and Synchrotron Selfâ€Compton Emission and the Blastâ€Wave Model of Gammaâ€Ray Bursts. <i>Astrophysical Journal</i> , 1999, 512, 699-710.	4.5	149

#	ARTICLE	IF	CITATIONS
19	Electron acceleration and synchrotron radiation in decelerating plasmoids. <i>New Astronomy</i> , 1998, 3, 157-173.	1.8	33
20	Energy-dependent Gamma-Ray Burst Peak Durations and Blast-Wave Deceleration. <i>Astrophysical Journal</i> , 1998, 508, 752-756.	4.5	13