

Guochao Sun

List of Publications by Year in descending order

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12
papers

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citations

1163117

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413
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmological Constraints on the Global Star Formation Law of Galaxies: Insights from Baryon Acoustic Oscillation Intensity Mapping. <i>Astrophysical Journal Letters</i> , 2022, 931, L29.	8.3	6
2	Probing Population III Initial Mass Functions with He ii/H β Intensity Mapping. <i>Astrophysical Journal</i> , 2022, 933, 141.	4.5	7
3	Probing Cosmic Reionization and Molecular Gas Growth with TIME. <i>Astrophysical Journal</i> , 2021, 915, 33.	4.5	27
4	Future Constraints on the Reionization History and the Ionizing Sources from Gamma-Ray Burst Afterglows. <i>Astrophysical Journal</i> , 2021, 917, 58.	4.5	9
5	Revealing the formation histories of the first stars with the cosmic near-infrared background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1954-1972.	4.4	21
6	A Self-consistent Framework for Multiline Modeling in Line Intensity Mapping Experiments. <i>Astrophysical Journal</i> , 2019, 887, 142.	4.5	37
7	Hafnium Films and Magnetic Shielding for TIME, A mm-Wavelength Spectrometer Array. <i>Journal of Low Temperature Physics</i> , 2018, 193, 893-900.	1.4	7
8	A Foreground Masking Strategy for [C ii] Intensity Mapping Experiments Using Galaxies Selected by Stellar Mass and Redshift. <i>Astrophysical Journal</i> , 2018, 856, 107.	4.5	40
9	A minimalist feedback-regulated model for galaxy formation during the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1576-1592.	4.4	56
10	The global 21-cm signal in the context of the high- z galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1365-1379.	4.4	95
11	Constraints on the star formation efficiency of galaxies during the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 417-433.	4.4	125
12	Charge Transport in the Transition From Hydrogenated Amorphous Silicon to Microcrystalline Silicon. <i>Materials Research Society Symposia Proceedings</i> , 1999, 557, 543.	0.1	3