

# Guochao Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9130065/publications.pdf>

Version: 2024-02-01

12  
papers

433  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

413  
citing authors

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