

# Junfeng Zhen

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

352  
citations

1163117

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1199594

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all docs

15  
docs citations

15  
times ranked

367  
citing authors

#	ARTICLE	IF	CITATIONS
1	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. Publications of the Astronomical Society of the Pacific, 2022, 134, 054301.	3.1	26
2	Gas phase formation of carbon cluster (fullerenes and graphenes)/prebiotic sugar complexes. Physical Chemistry Chemical Physics, 2021, 23, 1424-1436.	2.8	0
3	Laboratory study on the fullerene-PAH-derived cluster cations in the gas phase. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3498-3507.	4.4	4
4	Laboratory formation and photo-chemistry of ionic HBC/anthracene clusters in the gas phase. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3259-3265.	4.4	6
5	Laboratory Photochemistry of Covalently Bonded Fluorene Clusters: Observation of an Interesting PAH Bowl-forming Mechanism. Astrophysical Journal, 2019, 872, 38.	4.5	29
6	Laboratory formation of large molecules in the gas phase. Astronomy and Astrophysics, 2019, 623, A102.	5.1	10
7	Interstellar polycyclic aromatic hydrocarbons: Spectroscopy, photofragmentation and photoproducts. Proceedings of the International Astronomical Union, 2019, 15, 353-355.	0.0	0
8	Formation and photochemistry of covalently bonded large functional PAH clusters. Astronomy and Astrophysics, 2019, 628, A57.	5.1	3
9	Laboratory Formation and Photochemistry of Fullerene/Anthracene Cluster Cations. Astrophysical Journal, 2019, 887, 70.	4.5	13
10	The aromatic universe. Physics Today, 2018, 71, 38-43.	0.3	31
11	Laboratory Gas-phase Infrared Spectra of Two Astronomically Relevant PAH Cations: Diindenoperylene, and Dicoronylene,. Astrophysical Journal, 2018, 854, 27.	4.5	22
12	Laboratory Photochemistry of Pyrene Clusters: An Efficient Way to Form Large PAHs. Astrophysical Journal, 2018, 863, 128.	4.5	37
13	Infrared Spectra of Hexa-peri-hexabenzocoronene Cations: HBC <sup>+</sup> and HBC <sup>2+</sup> . Astrophysical Journal, 2017, 836, 28.	4.5	18
14	LABORATORY FORMATION OF FULLERENES FROM PAHS: TOP-DOWN INTERSTELLAR CHEMISTRY. Astrophysical Journal Letters, 2014, 797, L30.	8.3	151
15	Gas phase laboratory study on the PAHs/amino acid cluster cations. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2