

# Junfeng Zhen

## List of Publications by Year in descending order

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15  
papers

352  
citations

1163117

8  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

367  
citing authors

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