

# Xiaoyu Shi

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

569  
citations

567281

15  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-resolution microscopy reveals that disruption of ciliary transition-zone architecture causes Joubert syndrome. <i>Nature Cell Biology</i> , 2017, 19, 1178-1188.	10.3	138
2	Quantum chemical study of cyclic dipeptides. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 745-753.	2.0	43
3	Tracking Multiple Genomic Elements Using Correlative CRISPR Imaging and Sequential DNA FISH. <i>Biophysical Journal</i> , 2017, 112, 1077-1084.	0.5	35
4	Label-retention expansion microscopy. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	31
5	Branching Ratio Measurements for Vacuum Ultraviolet Photodissociation of $^{12}\text{C}^{16}\text{O}$ . <i>Journal of Physical Chemistry A</i> , 2013, 117, 6185-6195.	2.5	27
6	High-level <i>ab initio</i> predictions for the ionization energy, bond dissociation energies, and heats of formation of nickel carbide (NiC) and its cation (NiC <sup>+</sup> ). <i>Journal of Chemical Physics</i> , 2010, 133, 114304.	3.0	26
7	A ciliopathy complex builds distal appendages to initiate ciliogenesis. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	26
8	Communication: Branching ratio measurements in the predissociation of $^{12}\text{C}^{16}\text{O}$ by time-slice velocity-map ion imaging in the vacuum ultraviolet region. <i>Journal of Chemical Physics</i> , 2011, 135, 221101.	3.0	25
9	High-level <i>ab initio</i> predictions for the ionization energy, bond dissociation energies, and heats of formation of cobalt carbide (CoC) and its cation (CoC <sup>+</sup> ). <i>Journal of Chemical Physics</i> , 2013, 138, 094302.	3.0	25
10	Branching ratio measurements of the predissociation of $^{12}\text{C}^{16}\text{O}$ by time-slice velocity-map ion imaging in the energy region from 108 eV to 110 eV. <i>Journal of Chemical Physics</i> , 2012, 137, 034305.	3.0	23
11	Rovibronically selected and resolved two-color laser photoionization and photoelectron study of nickel carbide cation. <i>Journal of Chemical Physics</i> , 2010, 133, 054310.	3.0	22
12	Rovibronically selected and resolved two-color laser photoionization and photoelectron study of cobalt carbide cation. <i>Journal of Chemical Physics</i> , 2013, 138, 094301.	3.0	19
13	Local enrichment of HP1alpha at telomeres alters their structure and regulation of telomere protection. <i>Nature Communications</i> , 2018, 9, 3583.	12.8	18
14	Branching Ratios in Vacuum Ultraviolet Photodissociation of CO and N <sub>2</sub> : Implications for Oxygen and Nitrogen Isotopic Compositions of the Solar Nebula. <i>Astrophysical Journal</i> , 2017, 850, 48.	4.5	17
15	Branching Ratio Measurements of the Predissociation of $^{12}\text{C}^{16}\text{O}$ by Time-Slice Velocity-Map Ion Imaging in the Energy Region from 106 eV to 107 eV. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8136-8142.	2.5	16
16	Deformed alignment of super-resolution images for semi-flexible structures. <i>PLoS ONE</i> , 2019, 14, e0212735.	2.5	13
17	Comment on "Experimental Test of Self-Shielding in Vacuum Ultraviolet Photodissociation of CO". <i>Science</i> , 2009, 324, 1516-1516.	12.6	12
18	Nanotopography Enhances Dynamic Remodeling of Tight Junction Proteins through Cytosolic Liquid Complexes. <i>ACS Nano</i> , 2020, 14, 13192-13202.	14.6	11

#	ARTICLE	IF	CITATIONS
19	Polarized endosome dynamics engage cytoplasmic Par-3 that recruits dynein during asymmetric cell division. <i>Science Advances</i> , 2021, 7, .	10.3	10
20	A HIGH-RESOLUTION PHOTOIONIZATION AND PHOTOELECTRON STUDY OF <sup>58</sup> Ni USING A VACUUM ULTRAVIOLET LASER. <i>Astrophysical Journal</i> , 2012, 747, 20.	4.5	9
21	A HIGH-RESOLUTION VACUUM ULTRAVIOLET LASER PHOTOIONIZATION AND PHOTOELECTRON STUDY OF THE CO ATOM. <i>Astrophysical Journal</i> , 2016, 833, 205.	4.5	2
22	Correlation Functions Provide a Universal Framework for Quantitative Analysis of Localization-Based Super-Resolution Microscopy Images. <i>Biophysical Journal</i> , 2014, 106, 25a.	0.5	0
23	Structural Study of Ciliary Transition Zone with Multicolor 3D Storm. <i>Biophysical Journal</i> , 2015, 108, 476a.	0.5	0