

Xiaoyu Shi

List of Publications by Year in descending order

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23
papers

569
citations

567281

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713466

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28
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28
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarized endosome dynamics engage cytoplasmic Par-3 that recruits dynein during asymmetric cell division. <i>Science Advances</i> , 2021, 7, .	10.3	10
2	Label-retention expansion microscopy. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	31
3	A ciliopathy complex builds distal appendages to initiate ciliogenesis. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	26
4	Nanotopography Enhances Dynamic Remodeling of Tight Junction Proteins through Cytosolic Liquid Complexes. <i>ACS Nano</i> , 2020, 14, 13192-13202.	14.6	11
5	Deformed alignment of super-resolution images for semi-flexible structures. <i>PLoS ONE</i> , 2019, 14, e0212735.	2.5	13
6	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
7	Local enrichment of HP1alpha at telomeres alters their structure and regulation of telomere protection. <i>Nature Communications</i> , 2018, 9, 3583.	12.8	18
8	Tracking Multiple Genomic Elements Using Correlative CRISPR Imaging and Sequential DNA-FISH. <i>Biophysical Journal</i> , 2017, 112, 1077-1084.	0.5	35
9	Branching Ratios in Vacuum Ultraviolet Photodissociation of CO and N_2 : Implications for Oxygen and Nitrogen Isotopic Compositions of the Solar Nebula. <i>Astrophysical Journal</i> , 2017, 850, 48.	4.5	17
10	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
11	A HIGH-RESOLUTION VACUUM ULTRAVIOLET LASER PHOTOIONIZATION AND PHOTOELECTRON STUDY OF THE CO ATOM. <i>Astrophysical Journal</i> , 2016, 833, 205.	4.5	2
12	Structural Study of Ciliary Transition Zone with Multicolor 3D Storm. <i>Biophysical Journal</i> , 2015, 108, 476a.	0.5	0
13	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
14	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+). <i>Journal of Chemical Physics</i> , 2013, 138, 094302.	3.0	25
15	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
16	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
17	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
18	A HIGH-RESOLUTION PHOTOIONIZATION AND PHOTOELECTRON STUDY OF ^{58}Ni USING A VACUUM ULTRAVIOLET LASER. <i>Astrophysical Journal</i> , 2012, 747, 20.	4.5	9

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19	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
20	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 ⁺). <i>Journal of Chemical Physics</i> , 2010, 133, 114304.	3.0	26
21	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
22	Comment on "Experimental Test of Self-Shielding in Vacuum Ultraviolet Photodissociation of CO". <i>Science</i> , 2009, 324, 1516-1516.	12.6	12
23	Quantum chemical study of cyclic dipeptides. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 745-753.	2.0	43