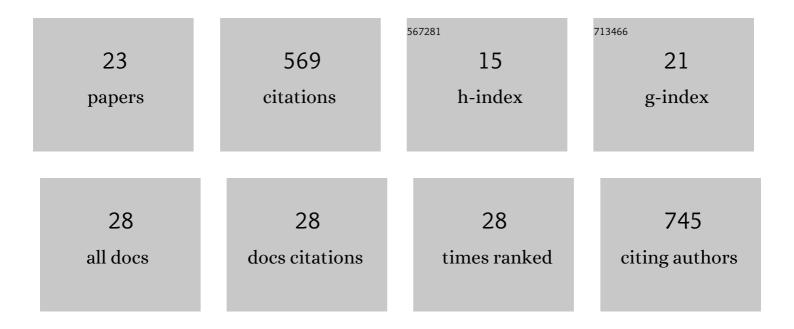
## Xiaoyu Shi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Super-resolution microscopy reveals that disruption of ciliary transition-zone architecture causes JoubertÂsyndrome. Nature Cell Biology, 2017, 19, 1178-1188.	10.3	138
2	Quantum chemical study of cyclic dipeptides. International Journal of Quantum Chemistry, 2007, 107, 745-753.	2.0	43
3	Tracking Multiple Genomic Elements Using Correlative CRISPR Imaging and Sequential DNAÂFISH. Biophysical Journal, 2017, 112, 1077-1084.	0.5	35
4	Label-retention expansion microscopy. Journal of Cell Biology, 2021, 220, .	5.2	31
5	Branching Ratio Measurements for Vacuum Ultraviolet Photodissociation of <sup>12</sup> C <sup>16</sup> O. Journal of Physical Chemistry A, 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+). Journal of Chemical Physics, 2010, 133, 114304.	3.0	26
7	A ciliopathy complex builds distal appendages to initiate ciliogenesis. Journal of Cell Biology, 2021, 220, .	5.2	26
8	Communication: Branching ratio measurements in the predissociation of 12C16O by time-slice velocity-map ion imaging in the vacuum ultraviolet region. Journal of Chemical Physics, 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+). Journal of Chemical Physics, 2013, 138, 094302.	3.0	25
10	Branching ratio measurements of the predissociation of 12C16O by time-slice velocity-map ion imaging in the energy region from 108 000 to 110 500 cmâ^'1. Journal of Chemical Physics, 2012, 137, 034305.	3.0	23
11	Rovibronically selected and resolved two-color laser photoionization and photoelectron study of nickel carbide cation. Journal of Chemical Physics, 2010, 133, 054310.	3.0	22
12	Rovibronically selected and resolved two-color laser photoionization and photoelectron study of cobalt carbide cation. Journal of Chemical Physics, 2013, 138, 094301.	3.0	19
13	Local enrichment of HP1alpha at telomeres alters their structure and regulation of telomere protection. Nature Communications, 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. Astrophysical Journal, 2017, 850, 48.	4.5	17
15	Branching Ratio Measurements of the Predissociation of <sup>12</sup> C <sup>16</sup> O by Time-Slice Velocity-Map Ion Imaging in the Energy Region from 106†250 to 107†800 cm <sup>†1</sup> . Journal of Physical Chemistry A, 2018, 122, 8136-8142.	2.5	16
16	Deformed alignment of super-resolution images for semi-flexible structures. PLoS ONE, 2019, 14, e0212735.	2.5	13
17	Comment on "Experimental Test of Self-Shielding in Vacuum Ultraviolet Photodissociation of COâ€. Science, 2009, 324, 1516-1516.	12.6	12
18	Nanotopography Enhances Dynamic Remodeling of Tight Junction Proteins through Cytosolic Liquid Complexes. ACS Nano, 2020, 14, 13192-13202.	14.6	11

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