

Yu Liu

List of Publications by Year in descending order

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13
papers

503
citations

840119

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1125271

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13
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of bimolecular reactions of ultracold KRb molecules. <i>Science</i> , 2019, 366, 1111-1115.	6.0	147
2	Photo-excitation of long-lived transient intermediates in ultracold reactions. <i>Nature Physics</i> , 2020, 16, 1132-1136.	6.5	76
3	Precision test of statistical dynamics with state-to-state ultracold chemistry. <i>Nature</i> , 2021, 593, 379-384.	13.7	53
4	Nuclear spin conservation enables state-to-state control of ultracold molecular reactions. <i>Nature Chemistry</i> , 2021, 13, 435-440.	6.6	48
5	A high-pressure far- and mid-infrared study of 1,1-diamino-2,2-dinitroethylene. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	37
6	Hydrazine at high pressure. <i>Chemical Physics Letters</i> , 2013, 555, 115-118.	1.2	31
7	Bimolecular Chemistry in the Ultracold Regime. <i>Annual Review of Physical Chemistry</i> , 2022, 73, 73-96.	4.8	28
8	Note: A novel method for <i>in situ</i> loading of gases via x-ray induced chemistry. <i>Review of Scientific Instruments</i> , 2011, 82, 106102.	0.6	21
9	Detection of Long-Lived Complexes in Ultracold Atom-Molecule Collisions. <i>Physical Review X</i> , 2022, 12, .	2.8	21
10	Note: Experiments in hard x-ray chemistry: <i>In situ</i> production of molecular hydrogen and x-ray induced combustion. <i>Review of Scientific Instruments</i> , 2012, 83, 036102.	0.6	17
11	Probing ultracold chemistry using ion spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4861-4874.	1.3	15
12	High pressure infrared and X-ray Raman studies of aluminum nitride. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 726-731.	0.7	6
13	Model for nuclear spin product-state distributions of ultracold chemical reactions in magnetic fields. <i>Physical Review A</i> , 2021, 104, .	1.0	3