

# Yu Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

297  
citations

8  
h-index

13  
g-index

13  
ext. papers

419  
ext. citations

11.7  
avg, IF

3.69  
L-index

#	Paper	IF	Citations
12	Detection of Long-Lived Complexes in Ultracold Atom-Molecule Collisions. <i>Physical Review X</i> , <b>2022</b> , 12,	9.1	4
11	Nuclear spin conservation enables state-to-state control of ultracold molecular reactions. <i>Nature Chemistry</i> , <b>2021</b> , 13, 435-440	17.6	24
10	Precision test of statistical dynamics with state-to-state ultracold chemistry. <i>Nature</i> , <b>2021</b> , 593, 379-384	50.4	21
9	Bimolecular Chemistry in the Ultracold Regime. <i>Annual Review of Physical Chemistry</i> , <b>2021</b> ,	15.7	6
8	Probing ultracold chemistry using ion spectrometry. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 4861-4874	18.74	8
7	Photo-excitation of long-lived transient intermediates in ultracold reactions. <i>Nature Physics</i> , <b>2020</b> , 16, 1132-1136	16.2	39
6	Direct observation of bimolecular reactions of ultracold KRb molecules. <i>Science</i> , <b>2019</b> , 366, 1111-1115	33.3	90
5	Hydrazine at high pressure. <i>Chemical Physics Letters</i> , <b>2013</b> , 555, 115-118	2.5	29
4	High pressure infrared and X-ray Raman studies of aluminum nitride. <i>Physica Status Solidi (B): Basic Research</i> , <b>2013</b> , 250, 726-731	1.3	4
3	Note: Experiments in hard x-ray chemistry: in situ production of molecular hydrogen and x-ray induced combustion. <i>Review of Scientific Instruments</i> , <b>2012</b> , 83, 036102	1.7	17
2	A high-pressure far- and mid-infrared study of 1,1-diamino-2,2-dinitroethylene. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 103534	2.5	34
1	Note: A novel method for in situ loading of gases via x-ray induced chemistry. <i>Review of Scientific Instruments</i> , <b>2011</b> , 82, 106102	1.7	21