

# Yang Liu

## List of Publications by Year in descending order

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11  
papers

133  
citations

1684188

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1372567

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docs citations

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times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Trapping of Cold Methyl Radicals. <i>Physical Review Letters</i> , 2017, 118, 093201.	7.8	48
2	Manipulation of translational motion of methyl radicals by pulsed magnetic fields. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 1772-1777.	2.8	30
3	One-dimensional confinement of magnetically decelerated supersonic beams of O <sub>2</sub> molecules. <i>Physical Review A</i> , 2015, 91, .	2.5	21
4	Experimental generation of a cw cold CH <sub>3</sub> CN molecular beam by a low-pass energy filtering. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 745-752.	2.8	13
5	Molecular collisions: From near-cold to ultra-cold. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	13
6	Generation of CW cold CH <sub>3</sub> CN molecular beam by a bent electrostatic quadrupole guiding: Monte-Carlo study. <i>Frontiers of Physics in China</i> , 2008, 3, 19-25.	1.0	3
7	Simultaneous Zeeman deceleration of polyatomic free radical with lithium atoms. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	2
8	Minimization of the micromotion of trapped ions with artificial neural networks. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	1
9	Homogeneous linear ion crystal in a hybrid potential. <i>Quantum Information Processing</i> , 2022, 21, 1.	2.2	1
10	Protection of quantum evolutions under parity-time-symmetric non-Hermitian Hamiltonians by dynamical decoupling. <i>Physical Review A</i> , 2022, 106, .	2.5	1
11	Shannon Entropy and Diffusion Coefficient in Parity-Time Symmetric Quantum Walks. <i>Entropy</i> , 2021, 23, 1145.	2.2	0