

# Xin-Yu Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/50035/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Suppression of Unitary Three-Body Loss in a Degenerate Bose-Fermi Mixture. Physical Review Letters, 2022, 128, 153401.	7.8	11
2	Collisions of ultracold molecules in bright and dark optical dipole traps. Physical Review Research, 2021, 3, . Efficient conversion of closed-channel dominated Feshbach molecules of $K$ to their absolute ground state by tuning out and magic wavelengths for ground-state $K$ molecules. Physical Review A, 2018, 97, .	3.6	47
3	Tune-Out and Magic Wavelengths for Ground-State $K$ Molecules. Physical Review A, 2018, 97, .	2.5	11
4	Modeling the adiabatic creation of ultracold polar molecules. Physical Review A, 2018, 97, .	7.8	18
5	Modeling the adiabatic creation of ultracold polar molecules. Physical Review A, 2018, 97, .	2.5	81
6	Extending Rotational Coherence of Interacting Polar Molecules in a Spin-Decoupled Magic Trap. Physical Review Letters, 2018, 121, 253401.	7.8	50
7	Beating the classical precision limit with spin-1 Dicke states of more than 10,000 atoms. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6381-6385.	7.1	94
8	Productions of Many Atom Entangled States and Their Interferometric Applications. , 2018, , .		0
9	Deterministic entanglement generation from driving through quantum phase transitions. Science, 2017, 355, 620-623.	12.6	186
10	Harmonic trap resonance enhanced synthetic atomic spin-orbit coupling. Scientific Reports, 2017, 7, 46756.	3.3	3
11	Ultra-High Efficiency Magnetic Transport of 87 Rb Atoms in a Single Chamber Bose-Einstein Condensation Apparatus. Chinese Physics Letters, 2014, 31, 063701.	3.3	4
12	Improved atom number with a dual color magneto-optical trap. Chinese Physics B, 2012, 21, 043203.	1.4	5
13	Observation of a Red-Blue Detuning Asymmetry in Matter-Wave Superradiance. Physical Review Letters, 2010, 105, 220404.	7.8	26