

Hui Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Roaming pathways and survival probability in real-time collisional dynamics of cold and controlled bialkali molecules. Scientific Reports, 2021, 11, 10598.	3.3	8
2	Non-adiabatic quantum interference in the ultracold $\text{Li} + \text{LiNa} \hat{+} \text{Li} + \text{Na}$ reaction. Physical Chemistry Chemical Physics, 2021, 23, 5096-5112.	2.8	25
3	Effects of conical intersections on hyperfine quenching of hydroxyl OH in collision with an ultracold Sr atom. Scientific Reports, 2020, 10, 14130.	3.3	1
4	Feshbach Resonances in p -Wave Three-Body Recombination within Fermi-Fermi Mixtures of Open-Shell Li Ions. Physical Chemistry Chemical Physics, 2021, 23, 10596-10607.	8.9	33
5	Photon-mediated charge exchange reactions between K^{39} atoms and Ca^{40+} ions in a hybrid trap. Physical Chemistry Chemical Physics, 2020, 22, 10870-10881.	2.8	7
6	Purely long-range polar molecules composed of identical lanthanide atoms. Physical Review A, 2019, 100, .	2.5	3
7	Universal Scattering of Ultracold Atoms and Molecules in Optical Potentials. Atoms, 2019, 7, 36.	1.6	9
8	Ultracold Rare-Earth Magnetic Atoms with an Electric Dipole Moment. Physical Review Letters, 2018, 121, 063201.	7.8	8
9	Ground State Properties of the Polar Alkali-Metal Ytterbium and Alkaline-Earth-Metal Ytterbium Molecules: A Comparative Study. Journal of Physical Chemistry A, 2017, 121, 2187-2193.	2.5	10
10	Anisotropic optical trapping as a manifestation of the complex electronic structure of ultracold lanthanide atoms: The example of holmium. Physical Review A, 2017, 95, .	2.5	22
11	Theoretical calculations of energies, and radiative rates for parity-forbidden transitions within the $4f^3$ configuration in La-like ions Pr^{2+} and Nd^{3+} . Journal of Luminescence, 2016, 170, 380-386.	3.1	3
12	Large polarization and dielectric response in epitaxial SrZrO_3 films. Physical Chemistry Chemical Physics, 2016, 18, 7680-7687.	2.8	11
13	Comparing hydrostatic-pressure- and epitaxial-strain-induced phase transitions in multiferroic PbNiO_3 from first principles. Solid State Communications, 2015, 203, 75-80.	1.9	11
14	Semi-empirical calculations of radiative rates for parity-forbidden transitions within the $4f^2$ configuration of Ba-like ions La^+ , Ce^{2+} , Pr^{3+} and Nd^{4+} and $4f^{12}$ configuration of Dy-like Yb^{4+} . Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 145002.	1.5	5
15	Investigations of defect structure and EPR parameters for tetragonal Nd^{3+} centers in AWO_4 ($\text{A}=\text{Ca}, \text{Sr}$). Journal of Applied Physics, 2014, 115, 104101.	1.9	14
16	An electron paramagnetic resonance analysis for Fe^{3+} in $\text{PbTiO}_3:\text{Fe}^{3+}$. Chemical Physics Letters, 2014, 601, 139-143.	2.6	0
17	Topological phase transition and gate-controlled charge transfer in minimal topological-spin qubit circuit. Europhysics Letters, 2014, 106, 67008.	2.0	1