

Hui Li

List of Publications by Year in descending order

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206
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#	ARTICLE	IF	CITATIONS
1	h Resonances in p -Wave Three-Body Recombination within Fermi-Fermi Mixtures of Open-Shell Li $+ LiNa \hat{+} Li_2 + Na$ reaction. Physical Chemistry Chemical Physics, 2021, 23, 5096-5112.	8.9	33
2	Anisotropic optical trapping as a manifestation of the complex electronic structure of ultracold lanthanide atoms: The example of holmium. Physical Review A, 2017, 95, .	2.8	25
3	Comparing hydrostatic-pressure- and epitaxial-strain-induced phase transitions in multiferroic $PbNiO_3$ from first principles. Solid State Communications, 2015, 203, 75-80.	2.5	22
4	Large polarization and dielectric response in epitaxial $SrZrO_3$ films. Physical Chemistry Chemical Physics, 2016, 18, 7680-7687.	1.9	11
5	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.	2.8	11
6	Universal Scattering of Ultracold Atoms and Molecules in Optical Potentials. Atoms, 2019, 7, 36.	2.5	10
7	Ultracold Rare-Earth Magnetic Atoms with an Electric Dipole Moment. Physical Review Letters, 2018, 121, 063201.	1.6	9
8	Roaming pathways and survival probability in real-time collisional dynamics of cold and controlled bialkali molecules. Scientific Reports, 2021, 11, 10598.	7.8	8
9	Photon-mediated charge exchange reactions between ^{39}K atoms and $^{40}Ca^+$ ions in a hybrid trap. Physical Chemistry Chemical Physics, 2020, 22, 10870-10881.	3.3	8
10	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.	2.8	7
11	Investigations of defect structure and EPR parameters for tetragonal Nd^{3+} centers in AWO_4 ($A=Ca, Sr$). Tj ETQq0 Q, Q rgBT / Qverlock 10	1.5	5
12	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.	1.9	4
13	Purely long-range polar molecules composed of identical lanthanide atoms. Physical Review A, 2019, 100, .	3.1	3
14	Topological phase transition and gate-controlled charge transfer in minimal topological-spin qubit circuit. Europhysics Letters, 2014, 106, 67008.	2.5	3
15	Effects of conical intersections on hyperfine quenching of hydroxyl OH in collision with an ultracold Sr atom. Scientific Reports, 2020, 10, 14130.	2.0	1
16	An electron paramagnetic resonance analysis for $Fe^{3+}VO$ in $PbTiO_3:Fe^{3+}$. Chemical Physics Letters, 2014, 601, 139-143.	3.3	1
17		2.6	0