

Ming Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7577142/publications.pdf>

Version: 2024-02-01

24
papers

380
citations

840776

11
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Floquet engineering ultracold polar molecules to simulate topological insulators. <i>Physical Review A</i> , 2021, 103, .	2.5	13
2	Realizing Hopf Insulators in Dipolar Spin Systems. <i>Physical Review Letters</i> , 2021, 127, 015301.	7.8	18
3	Efficient Stabilized Two-Qubit Gates on a Trapped-Ion Quantum Computer. <i>Physical Review Letters</i> , 2021, 126, 220503.	7.8	20
4	Relativistic aspects of orbital and magnetic anisotropies in the chemical bonding and structure of lanthanide molecules. <i>New Journal of Physics</i> , 2021, 23, 085007.	2.9	7
5	$\text{Na}^{23}K$ Tune-Out and Magic Wavelengths for Ground State	7.8	18
6	Effects of conical intersections on hyperfine quenching of hydroxyl OH in collision with an ultracold Sr atom. <i>Scientific Reports</i> , 2020, 10, 14130.	3.3	1
7	$-p$ Resonances in Wave Three-Body Recombination within Fermi-Fermi Mixtures of Open-Shell	8.9	33
8	Efficient arbitrary simultaneously entangling gates on a trapped-ion quantum computer. <i>Nature Communications</i> , 2020, 11, 2963.	12.8	53
9	Photon-mediated charge exchange reactions between ^{39}K atoms and $^{40}Ca^{+}$ ions in a hybrid trap. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10870-10881.	2.8	7
10	Generalized Hamiltonian to describe imperfections in ion-light interaction. <i>Physical Review A</i> , 2020, 102, .	2.5	4
11	$2\hat{\mathcal{L}} +$ Two-photon photoassociation spectroscopy of the	2.5	11
12	Engineering Excited-State Interactions at Ultracold Temperatures. <i>Physical Review Letters</i> , 2019, 122, 233401.	7.8	8
13	Universal Scattering of Ultracold Atoms and Molecules in Optical Potentials. <i>Atoms</i> , 2019, 7, 36.	1.6	9
14	Excitation-assisted nonadiabatic charge-transfer reaction in a mixed atom-ion system. <i>Physical Review A</i> , 2019, 99, .	2.5	9
15	Emulating optical cycling centers in polyatomic molecules. <i>Communications Physics</i> , 2019, 2, .	5.3	18
16	Fractal universality in near-threshold magnetic lanthanide dimers. <i>Science Advances</i> , 2018, 4, eaap8308.	10.3	7
17	Extending Rotational Coherence of Interacting Polar Molecules in a Spin-Decoupled Magic Trap. <i>Physical Review Letters</i> , 2018, 121, 253401.	7.8	50
18	Orbital quantum magnetism in spin dynamics of strongly interacting magnetic lanthanide atoms. <i>Physical Review A</i> , 2018, 97, .	2.5	6

#	ARTICLE	IF	CITATIONS
19	Pendular trapping conditions for ultracold polar molecules enforced by external electric fields. Physical Review A, 2017, 95, .	2.5	7
20	Photoassociative production of ultracold heteronuclear YbLi molecules. Physical Review A, 2016, 94, .	2.5	7
21	Proton-hydrogen collisions at low temperatures. Physical Review A, 2015, 91, .	2.5	7
22	Multichannel quantum-defect theory for ion-atom interactions. Physical Review A, 2014, 89, .	2.5	17
23	Quantum-defect theory of resonant charge exchange. Physical Review A, 2012, 86, .	2.5	18
24	Resource-Optimized Fermionic Local-Hamiltonian Simulation on a Quantum Computer for Quantum Chemistry. Quantum - the Open Journal for Quantum Science, 0, 5, 509.	0.0	12