

Klaus Renziehausen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

204
citations

1307594

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1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	How to approximate the Dirac equation with the Mauser method. Quantum Studies: Mathematics and Foundations, 2022, 9, 287-332.	0.9	1
2	Time-dependent momentum expectation values from different quantum probability and flux densities. Journal of Chemical Physics, 2021, 154, 064307.	3.0	7
3	The Connection between Bohmian Mechanics and Many-Particle Quantum Hydrodynamics. Foundations of Physics, 2020, 50, 772-798.	1.3	3
4	Deformation of Atomic Orbitals in Strong Elliptically Polarized Laser Fields: Ionization Time Drifts and Spatial Photoelectron Separation. Physical Review Letters, 2018, 121, 203201.	7.8	34
5	Many-particle quantum hydrodynamics: Exact equations and pressure tensors. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	7
6	Producing spin-polarized photoelectrons by using the momentum gate in strong-field ionization experiments. Physical Review A, 2017, 95, .	2.5	27
7	Singlet Exciton Annihilation in an Exciton-Coupled Squaraine-Squaraine Copolymer: A Model toward Hetero-J-Aggregates. Journal of Physical Chemistry C, 2014, 118, 17467-17482.	3.1	67
8	Carrier envelope phase effects induced by weak multicycle pulses: Localized quantum dynamics in double well potentials. Chemical Physics Letters, 2013, 579, 23-27.	2.6	1
9	Weak Field, Multiple Cycle Carrier Envelope Phase Effects in Laser Excitation. ChemPhysChem, 2013, 14, 1464-1470.	2.1	4
10	Mapping of quantum phases by two-dimensional vibronic spectroscopy of wave-packet revivals. Physical Review A, 2010, 82, .	2.5	13
11	Probing the geometry dependence of molecular dimers with two-dimensional-vibronic spectroscopy. Journal of Chemical Physics, 2009, 130, 134318.	3.0	29
12	On the divergence of time-dependent perturbation theory applied to laser-induced molecular transitions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 195402.	1.5	11