Iva Březinová™

List of Publications by Year
in descending order

20 papers	**358** citations	840776 **11** h-index	839539 **18** g-index
20 all docs	**20** docs citations	**20** times ranked	**384** citing authors

#	Article	IF	Citations
1	Time-dependent complete-active-space self-consistent-field method for atoms: Application to high-order harmonic generation. Physical Review A, 2016, 94, .	2.5	73
2	Wave chaos as signature for depletion of a Bose-Einstein condensate. Physical Review A, 2012, 86, .	2.5	46
3	Theory of Subcycle Linear Momentum Transfer in Strong-Field Tunneling Ionization. Physical Review Letters, 2020, 125, 073202.	7.8	42
4	Propagating two-particle reduced density matrices without wave functions. Physical Review A, 2015, 91, .	2.5	38
5	Wave chaos in the nonequilibrium dynamics of the Gross-Pitaevskii equation. Physical Review A, 2011, 83, .	2.5	30
6	High-harmonic spectra from time-dependent two-particle reduced-density-matrix theory. Physical Review A, 2017, 95, .	2.5	28
7	Dynamically screened ladder approximation: Simultaneous treatment of strong electronic correlations and dynamical screening out of equilibrium. Physical Review B, 2022, 105, .	3.2	15
8	Diffractive paths for weak localization in quantum billiards. Physical Review B, 2008, 77, .	3.2	13
9	Long-time expansion of a Bose-Einstein condensate: Observability of Anderson localization. Physical Review A, 2017, 96, .	2.5	12
10	Transport through open quantum dots: Making semiclassics quantitative. Physical Review B, 2010, 81, .	3.2	11
11	Semiclassical wave functions for open quantum billiards. Physical Review E, 2013, 88, 022916.	2.1	11
12	Elastic scattering of a Bose-Einstein condensate at a potential landscape. Journal of Physics: Conference Series, 2014, 488, 012032.	0.4	11
13	Polarization tagging of two-photon double ionization by elliptically polarized XUV pulses. Physical Review A, 2019, 99, .	2.5	11
14	Practical splitting methods for the adaptive integration of nonlinear evolution equations. Part II: Comparisons of local error estimation and step-selection strategies for nonlinear Schrödinger and wave equations. Computer Physics Communications, 2019, 234, 55-71.	7.5	8
15	Exchange-mediated mutual correlations and dephasing in free-electrons and light interactions. New Journal of Physics, 2021, 23, 063066.	2.9	4
16	Chaos-induced loss of coherence of a Bose-Einstein condensate. Physical Review A, 2021, 103, .	2.5	3
17	The time-dependent two-particle reduced density matrix method: LiH in strong laser fields. Journal of Physics: Conference Series, 2015, 635, 112084.	0.4	1
18	Efficient adaptive exponential time integrators for nonlinear Schrödinger equations with nonlocal potential. Journal of Computational Mathematics and Data Science, 2021, 1, 100014.	2.3	1

#	Article	IF	Citations
19	Time-Dependent Two-Particle Reduced Density Matrix Theory: Application to High-Harmonic Generation. Journal of Physics: Conference Series, 2017, 875, 022032.	0.4	0
20	Time-Dependent Two-Particle Reduced Density Matrix Theory: Application to High-Harmonic Generation. Journal of Physics: Conference Series, 2017, 875, 012011.	0.4	0