

Grażyna Staszewska

List of Publications by Year in descending order

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21
papers

724
citations

933264

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713332

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22
all docs

22
docs citations

22
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical model for electron scattering by ar at 30-3000 eV: Test of the adiabatic model for charge polarization and a quasi-free scattering model for inelastic effects. International Journal of Quantum Chemistry, 2009, 24, 163-176.	1.0	0
2	Local effective polarization and absorption potentials from cross-sections for e ⁻ atom scattering. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6925-6929.	0.9	1
3	On an improved model of a complex optical potential for electron elastic scattering. Journal of Electron Spectroscopy and Related Phenomena, 2008, 168, 40-43.	0.8	11
4	Effective non-empirical absorption potentials based on quasifree-scattering model. Journal of Electron Spectroscopy and Related Phenomena, 2008, 162, 56-66.	0.8	6
5	Tight-Binding Configuration Interaction (TBCI): A Noniterative Approach to Incorporating Electrostatics into Tight Binding. Journal of Chemical Theory and Computation, 2008, 4, 804-818.	2.3	9
6	Many-body tight-binding model for aluminum nanoparticles. Physical Review B, 2005, 71, .	1.1	10
7	Analytic Potential Energy Functions for Aluminum Clusters. Journal of Physical Chemistry B, 2004, 108, 8996-9010.	1.2	24
8	Validation of Theoretical Methods for the Structure and Energy of Aluminum Clusters. Journal of Physical Chemistry B, 2004, 108, 4850-4861.	1.2	72
9	Transition Moments between w ³ gState and the First Three 3 ¹ uand 3 ¹ uStates of the Hydrogen Molecule. Journal of Physical Chemistry A, 2001, 105, 2308-2311.	1.1	12
10	A coherent state undergoing a continuous nondemolition observation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 287, 19-22.	0.9	1
11	Transient Effects for Continuously Observed Quantum Particle II. Open Systems and Information Dynamics, 2000, 7, 77-89.	0.5	2
12	The Study of a Continuously Observed Quantum Particle. Physica Scripta, 2000, 62, 117-122.	1.2	2
13	Time evolution of the wave packet of a continuously observed free quantum particle. Physical Review A, 1999, 60, 687-691.	1.0	3
14	Energy-adapted basis sets for quantal scattering calculations. Journal of Chemical Physics, 1987, 86, 1646-1648.	1.2	6
15	Convergence of L2 methods for scattering problems. Journal of Chemical Physics, 1987, 86, 2793-2804.	1.2	39
16	Rapid convergence of discrete-basis representations of the amplitude density for quantal scattering calculations. Chemical Physics Letters, 1986, 130, 341-345.	1.2	23
17	Investigation of the shape of the imaginary part of the optical-model potential for electron scattering by rare gases. Physical Review A, 1984, 29, 3078-3091.	1.0	193
18	Complex optical potential model for electron-molecule scattering, elastic scattering, and rotational excitation of H ₂ at 10-100 eV. Journal of Chemical Physics, 1984, 81, 335-343.	1.2	48

#	ARTICLE	IF	CITATIONS
19	Dispersion-equation approach to obtaining polarization potentials for quantum-mechanical electron-scattering calculations. <i>Physical Review A</i> , 1983, 28, 169-175.	1.0	10
20	Quasifree-scattering model for the imaginary part of the optical potential for electron scattering. <i>Physical Review A</i> , 1983, 28, 2740-2751.	1.0	247
21	Effective exchange potentials for electronically inelastic scattering. <i>Journal of Chemical Physics</i> , 1983, 78, 275-279.	1.2	4