

Felicja MrugaÅ,a

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4669558/publications.pdf>

Version: 2024-02-01

20
papers

407
citations

840776

11
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics, 1983, 78, 5954-5961.	3.0	95
2	Lifetimes of local and hyperspherical vibrational resonances of ABA molecules. Journal of Chemical Physics, 1987, 86, 2626-2638.	3.0	53
3	A symmetrized generalized log-derivative method for inelastic and reactive scattering. Journal of Chemical Physics, 1983, 79, 5960-5968.	3.0	38
4	Accurate quantum calculations on three-body collisions in recombination and collision-induced dissociation. II. The smooth variable discretization enhanced renormalized Numerov propagator. Journal of Chemical Physics, 2003, 118, 10387-10398.	3.0	35
5	Radiative association of HeH ₂ ⁺ . Journal of Chemical Physics, 2003, 118, 10547-10560.	3.0	34
6	Log-derivative method for two-potential scattering problems. Journal of Computational Physics, 1985, 58, 113-133.	3.8	21
7	Predissociation of the D ₁ ⁺ state of H ₂ by photon impact. Molecular Physics, 1988, 65, 377-389.	1.7	18
8	The coupled equations problem of the quantum theory of atom-diatom reactive scattering. International Reviews in Physical Chemistry, 1993, 12, 1-60.	2.3	18
9	Near-infrared absorption spectrum of the Ar ⁺ HD complex: Confrontation of theory with experiment. Journal of Chemical Physics, 1998, 109, 10823-10837.	3.0	15
10	Radiative association of He ⁺ with H ₂ at temperatures below 100 K. Journal of Chemical Physics, 2005, 122, 224321.	3.0	13
11	The generalized log-derivative method for evaluation of second-order transition amplitudes. Journal of Chemical Physics, 1989, 91, 874-889.	3.0	12
12	A computational study of metastable states of CO ₂ ⁺ . Journal of Chemical Physics, 2008, 129, 064314.	3.0	11
13	Radiative charge transfer in He ⁺ + H ₂ collisions in the milli- to nano-electron-volt range: A theoretical study within state-to-state and optical potential approaches. Journal of Chemical Physics, 2013, 138, 104315.	3.0	11
14	A generalized log-derivative method for the treatment of asymmetric collinear reactions in hyperspherical coordinates. Chemical Physics, 1987, 118, 295-312.	1.9	7
15	Lifetimes and dissociation pathways of the quasi-bound states of the Na ⁺ FH van der Waals molecule. Journal of Molecular Structure, 2000, 555, 43-60.	3.6	6
16	Near-infrared absorption spectrum of the Ar ⁺ HD complex: A theoretical study of predissociation effects. Journal of Chemical Physics, 2001, 115, 3155-3172.	3.0	5
17	Relationships among R-matrix propagation, amplitude density function and invariant imbedding methods. Chemical Physics, 1980, 49, 241-246.	1.9	4
18	Hybrid approximate solution - Approximate potential approach to the solution of coupled equations for atom-molecule reactive scattering. Journal of Computational Physics, 1987, 68, 393-419.	3.8	4

#	ARTICLE	IF	CITATIONS
19	Application of the log-derivative method to variational calculations for inelastic and reactive scattering. <i>Journal of Chemical Physics</i> , 1990, 93, 1257-1272.	3.0	4
20	Stationary state of a laser with saturable absorber in nondiffusive approximation. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica</i> , 1979, 26, 345-348.	0.4	3