

P K Mukherjee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of strongly coupled plasma on the magnetic dipolar and quadrupolar transitions of two-electron ions. <i>Physics of Plasmas</i> , 2013, 20, 042703.	1.9	11
2	Effect of strongly coupled plasma on the doubly excited states of heliumlike ions. <i>European Physical Journal D</i> , 2012, 66, 1.	1.3	11
3	Hyperpolarizability of hydrogen atom under spherically confined Debye plasma. <i>European Physical Journal D</i> , 2011, 62, 205-211.	1.3	38
4	$1S$ resonance States of two electron atoms by stabilization method. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 1819-1823.	2.0	14
5	Exotic affinities under Debye plasma. <i>Physics of Plasmas</i> , 2007, 14, 024503.	1.9	9
6	Electron affinity of exotic systems under Debye plasma. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 946-951.	2.0	7
7	Atomic structure under external confinements: Effect of plasma. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 2708-2715.	2.0	12
8	Spectroscopy of sodium atom in liquid helium cluster: a symmetry adapted cluster-configuration interaction (SAC-CI) study. <i>Theoretical Chemistry Accounts</i> , 2007, 118, 437-441.	1.4	10
9	Spectral properties of helium-like ions under strongly coupled plasma conditions. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 465-477.	2.0	15
10	Energy levels of two interacting particles in an anharmonic potential. <i>International Journal of Quantum Chemistry</i> , 2005, 102, 158-164.	2.0	0
11	Effect of Debye plasma on the doubly excited states of highly stripped ions. <i>International Journal of Quantum Chemistry</i> , 2005, 102, 1061-1068.	2.0	32
12	Effect of dense plasma on the spectral properties of hydrogenic ions. <i>International Journal of Quantum Chemistry</i> , 2005, 104, 903-910.	2.0	19
13	Radial and angular correlation in heliumlike ions. <i>International Journal of Quantum Chemistry</i> , 2003, 92, 413-418.	2.0	8
14	Allowed transitions in silicon isoelectronic ions. <i>International Journal of Quantum Chemistry</i> , 2003, 91, 626-632.	2.0	5
15	Energy levels and structural properties of compressed hydrogen atom under Debye screening. <i>Astronomy and Astrophysics</i> , 2002, 396, 337-344.	5.1	133
16	Radial and angular correlations in doubly excited states: A time-dependent perturbation approach. <i>International Journal of Quantum Chemistry</i> , 2000, 76, 99-104.	2.0	3
17	Magnetic multipole transitions of a stripped carbon ion in a variety of Debye plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 3479-3488.	1.5	31
18	Atomic data of medium-Z ions. <i>Physica Scripta</i> , 1997, 55, 273-276.	2.5	1

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19	Doubly excited states of highly stripped ions: a time dependent perturbation approach. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1997, 39, 195-199.	1.0	3
20	On the interpretation of two electron-one photon transitions in slow collisions between fully stripped ions and solid target. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1995, 33, 7-9.	1.0	1
21	Radiative transitions in highly-stripped carbon-like ions. Physica Scripta, 1995, 51, 81-85.	2.5	7
22	Singly excited bound states in continuum: a time-dependent perturbation approach. Theoretica Chimica Acta, 1993, 85, 371-377.	0.8	3
23	Doubly excited triplet states of the helium isoelectronic sequence. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1993, 28, 97-103.	1.0	7
24	Dynamic polarizabilities and Rydberg states of the argon isoelectronic sequence. Physical Review A, 1993, 48, 2686-2695.	2.5	17
25	Static dipole polarizabilities of open-shell negative ions. Theoretica Chimica Acta, 1992, 82, 223-227.	0.8	16
26	Dynamic polarizabilities and Rydberg states of silicon, phosphorous, and sulfur. Physical Review A, 1989, 40, 1753-1759.	2.5	14
27	Magnetic quadrupolar (M2) transition probabilities and triplet excited Rydberg states of helium-like ions. Physica Scripta, 1989, 39, 722-724.	2.5	11
28	Frequency-dependent polarisabilities and Rydberg transitions of the magnesium isoelectronic sequence. Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, 2103-2113.	1.5	15
29	Magnetic quadrupole transition rates and Rydberg states of the magnesium isoelectronic sequence. Astrophysical Journal, 1989, 346, 1045.	4.5	7
30	Dynamic polarizabilities and Rydberg states of open shell atomic systems. Theoretica Chimica Acta, 1988, 74, 431-444.	0.8	19
31	Dynamic multipole polarizabilities and Rydberg states of the beryllium isoelectronic sequence. Physical Review A, 1988, 37, 1095-1104.	2.5	7
32	Rydberg states and spin-forbidden transitions of the beryllium isoelectronic sequence. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, 3191-3202.	1.5	5
33	Dynamic polarizabilities and Rydberg states of the sodium isoelectronic sequence. II. Physical Review A, 1987, 35, 980-986.	2.5	24
34	Calculation of rydberg states of lithium isoelectronic sequence. Theoretica Chimica Acta, 1986, 69, 51-62.	0.8	7
35	Use of coupled-cluster based linear response theory and multireference hermitian MBPT to IP calculations of HF. International Journal of Quantum Chemistry, 1986, 29, 205-210.	2.0	5
36	Dynamic polarizabilities and Rydberg states of the sodium isoelectronic sequence. Physical Review A, 1986, 34, 62-70.	2.5	45

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37	Time-dependent Hartree-Fock calculations for the excited 2S states of lithium isoelectronic sequence. <i>Theoretica Chimica Acta</i> , 1984, 66, 173-181.	0.8	22
38	A variation perturbation calculation to study the excited-state wavefunctions of atoms. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1981, 14, 3007-3017.	1.6	7
39	Coupled Hartree-Fock calculation of the dynamic polarisabilities of the beryllium sequence. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1978, 11, 2813-2820.	1.6	11
40	Coupled Hartree-Fock calculation of static dipole polarizations of open-shell ions. <i>International Journal of Quantum Chemistry</i> , 1977, 12, 1-9.	2.0	31
41	Coupled hartree-fock calculation of static and shielding factors for open shell atomic systems. <i>International Journal of Quantum Chemistry</i> , 1975, 9, 1-8.	2.0	18
42	Frequency-dependent polarizability of open-shell atomic systems. <i>International Journal of Quantum Chemistry</i> , 1975, 9, 75-81.	2.0	20