

Kanti M Aggarwal

List of Publications by Year in descending order

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69
papers

757
citations

516710

16
h-index

642732

23
g-index

69
all docs

69
docs citations

69
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "Energy levels, oscillator strengths, and transition probabilities for sulfur-like scandium, Sc" by El-Maaref et al. [Indian J. Phys. 91 1029 (2017)]. Indian Journal of Physics, 2021, 95, 797-800.	1.8	1
2	Energy levels and radiative rates for transitions in S-like Sc VI, V VIII, Cr IX, and Mn X. Atomic Data and Nuclear Data Tables, 2020, 131, 101284.	2.4	5
3	Resolving the Soft X-Ray Ultrafast Outflow in PDS 456. Astrophysical Journal, 2020, 895, 37.	4.5	42
4	Radiative rates for E1, E2, M1, and M2 transitions in Ne-like Hf LXIII, Ta LXIV and Re LXVI. Atomic Data and Nuclear Data Tables, 2019, 125, 261-286.	2.4	4
5	Comment on "Configuration interaction calculations and excitation rates of X-ray and EUV transitions in sulfurlike manganese" by El-Maaref et al. [J. Elect. Spectrosc. Related Phen. 215 (2017) 22]. Journal of Electron Spectroscopy and Related Phenomena, 2019, 235, 46-50.	1.7	1
6	Electron Impact Excitation of S III: An Assessment. Atoms, 2019, 7, 78.	1.6	0
7	Radiative rates for E1, E2, M1, and M2 transitions in F-like ions with $12 \leq Z \leq 23$. Atomic Data and Nuclear Data Tables, 2019, 127-128, 22-130.	2.4	5
8	Comment on "Electron impact excitation and ionization cross section of tungsten ions, W" by El-Maaref et al. [J. Quant. Spectrosc. Radiat. Transfer 2019, 224:147]. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 231, 136-139.	2.3	4
9	Population modelling of the He II energy levels in tokamak plasmas: I. Collisional excitation model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 045001.	1.5	1
10	Radiative rates for E1, E2, M1, and M2 transitions in Ne-like Cu XX, Zn XXI and Ga XXII. Atomic Data and Nuclear Data Tables, 2019, 125, 226-260.	2.4	2
11	Radiative rates for E1, E2, M1, and M2 transitions in F-like ions with $55 \leq Z \leq 73$. Atomic Data and Nuclear Data Tables, 2018, 123-124, 168-299.	2.4	5
12	Energy levels and radiative rates for transitions in Cr-like Kr XIII, Tc XXX and Xe XXXI. Atomic Data and Nuclear Data Tables, 2018, 120, 263-292.	2.4	6
13	Energy Levels and Radiative Rates for Transitions in F-like Sc XIII and Ne-like Sc XII and Y XXX. Atoms, 2018, 6, 25.	1.6	2
14	Comment on "Collision strength and effective collision strength for Br XXVII" by Goyal et al. [Can. J. Phys. 95, 1127 (2017)]. Canadian Journal of Physics, 2018, 96, 1158-1161.	1.1	1
15	Collision Strengths and Effective Collision Strengths for Allowed Transitions among the $n \leq 5$ Degenerate Levels of Atomic Hydrogen. Atoms, 2018, 6, 37.	1.6	2
16	Comment on "Collision strength and effective collision strength for Ba XLVIII" by Mohan et al. [Can. J. Phys. 95, 173 (2017)]. Canadian Journal of Physics, 2018, 96, 1155-1157.	1.1	2
17	Energy levels and radiative rates for transitions in Fe V, Co VI and Ni VII. Atomic Data and Nuclear Data Tables, 2017, 114, 1-60.	2.4	4
18	Emission Line Ratios of Fe III as Astrophysical Plasma Diagnostics. Astrophysical Journal, 2017, 841, 3.	4.5	13

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37	Energy levels, radiative rates and electron impact excitation rates for transitions in C^{iii} . Monthly Notices of the Royal Astronomical Society, 2015, 450, 1151-1163.	4.4	12
38	Energy levels, radiative rates and electron impact excitation rates for transitions in Fe^{xiv} . Monthly Notices of the Royal Astronomical Society, 2014, 445, 2015-2027.	4.4	20
39	Radiative rates for E1, E2, M1, and M2 transitions among the $3s^23p^5$, $3s^3p^6$, and $3s^23p^43d$ configurations of Cl-like W LVIII. Canadian Journal of Physics, 2014, 92, 1166-1177.	1.1	4
40	Energy levels, radiative rates and lifetimes for transitions in Br-like ions with $38 \leq Z \leq 42$. Physica Scripta, 2014, 89, 125404.	2.5	7
41	Energy levels, radiative rates and electron impact excitation rates for transitions in Be-like Cl XIV, K XVI and Ge XXIX. Physica Scripta, 2014, 89, 125401.	2.5	8
42	Energy levels, radiative rates and electron impact excitation rates for transitions in Si^{ii} . Monthly Notices of the Royal Astronomical Society, 2014, 442, 388-400.	4.4	20
43	Energy levels, radiative rates, and lifetimes for transitions in W LVIII. Atomic Data and Nuclear Data Tables, 2014, 100, 1603-1767.	2.4	11
44	Comment on "Multiconfiguration Dirac-Fock energy levels and radiative rates for Br-like tungsten" by S. Aggarwal, A.K.S. Jha, and M. Mohan [Can. J. Phys. 91, 394 (2013)]. Canadian Journal of Physics, 2014, 92, 545-550.	1.1	9
45	Energy levels, radiative rates, and lifetimes for transitions in W XL. Atomic Data and Nuclear Data Tables, 2014, 100, 1399-1518.	2.4	18
46	Energy levels and radiative rates for transitions in Ti VII. Physica Scripta, 2013, 88, 065304.	2.5	2
47	Energy levels, radiative rates, and electron impact excitation rates for transitions in Li-like ions with. Atomic Data and Nuclear Data Tables, 2013, 99, 156-248.	2.4	22
48	Energy levels, radiative rates and electron impact excitation rates for transitions in He-like Ga XXX, Ge XXXI, As XXXII, Se XXXIII and Br XXXIV. Physica Scripta, 2013, 87, 045304.	2.5	5
49	Energy levels and radiative rates for transitions in Ti X. Physica Scripta, 2013, 88, 025303.	2.5	6
50	Energy levels, radiative rates and electron impact excitation rates for transitions in He-like Fe XXV, Co XXVI, Ni XXVII, Cu XXVIII and Zn XXIX. Physica Scripta, 2013, 87, 055302.	2.5	12
51	Energy levels, radiative rates and electron impact excitation rates for transitions in $\text{Al}^{\text{x}} \dots$. Monthly Notices of the Royal Astronomical Society, 2013, 438, 1223-1232.	4.4	10
52	Assessment of Atomic Data: Problems and Solutions. Fusion Science and Technology, 2013, 63, 363-371.	1.1	18
53	Energy levels, radiative rates and electron impact excitation rates for transitions in Be-like Ti XIX. Physica Scripta, 2012, 86, 055301.	2.5	11
54	Energy levels, radiative rates and electron impact excitation rates for transitions in He-like Kr XXXV. Physica Scripta, 2012, 86, 035302.	2.5	6

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55	Energy levels, radiative rates and electron impact excitation rates for transitions in He-like Ti XXI, V XXII, Cr XXIII and Mn XXIV. <i>Physica Scripta</i> , 2012, 85, 065301.	2.5	7
56	Energy levels, radiative rates and electron impact excitation rates for transitions in He-like Cl XVI, K XVIII, Ca XIX and Sc XX. <i>Physica Scripta</i> , 2012, 85, 025306.	2.5	13
57	Energy levels, radiative rates and electron impact excitation rates for transitions in He-like Mg XI, Al XII, P XIV and S XV. <i>Physica Scripta</i> , 2012, 85, 025305.	2.5	13
58	Energy levels, radiative rates, and electron impact excitation rates for transitions in Li-like ions with $Z \leq 28$. <i>Atomic Data and Nuclear Data Tables</i> , 2012, 98, 1003-1095.	2.4	22
59	Electron impact excitation of Kr XXVIII. <i>Atomic Data and Nuclear Data Tables</i> , 2011, 97, 225-344.	2.4	3
60	Energy levels and radiative rates for transitions in B-like to F-like Xe ions (Xe L ∞ XLVI). <i>Atomic Data and Nuclear Data Tables</i> , 2010, 96, 123-270.	2.4	25
61	Effective collision strengths for optically allowed transitions among degenerate levels of hydrogenic ions with. <i>Atomic Data and Nuclear Data Tables</i> , 2010, 96, 481-530.	2.4	17
62	Energy levels, radiative rates and electron impact excitation rates for transitions in Si XII, Si XIII and Si XIV. <i>Physica Scripta</i> , 2010, 82, 065302.	2.5	16
63	Electron impact excitation of Kr XXXII. <i>Atomic Data and Nuclear Data Tables</i> , 2009, 95, 607-750.	2.4	7
64	Energy levels and radiative rates for transitions in B-like to F-like Kr ions (Kr XXXII ∞ XXVIII). <i>Atomic Data and Nuclear Data Tables</i> , 2008, 94, 323-559.	2.4	41
65	Energy levels and radiative rates for transitions in Mg-like iron, cobalt and nickel. <i>Atomic Data and Nuclear Data Tables</i> , 2007, 93, 615-710.	2.4	77
66	Electron Impact Excitation of Mo XXXIV. <i>Physica Scripta</i> , 2004, 69, 176-188.	2.5	8
67	Electron Impact Excitation of O VI. <i>Physica Scripta</i> , 2004, 70, 222-234.	2.5	11
68	Energy levels and radiative rates for transitions in Ni XIII ∞ Ni XVI. <i>Atomic Data and Nuclear Data Tables</i> , 2003, 85, 453-494.	2.4	27
69	Oscillator Strengths for Transitions in C ∞ like Ne, Mg, Si, and S Ions. <i>Astrophysical Journal, Supplement Series</i> , 1998, 118, 589-602.	7.7	32