

Tauheed Ahmad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectral analysis and calculations of line parameters for Xe-like Ce V. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 258, 107387.	2.3	1
2	Energy structure and radiative parameter calculations in the Re-like Pt IV, Au V and Hg VI spectra and preliminary line identifications in Hg VI. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 261, 107435.	2.3	0
3	Energy structure investigations in triply ionized mercury: Hg IV. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 270, 107668.	2.3	0
4	Revised and extended analysis of doubly ionized bismuth: Bi III. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 255, 107253.	2.3	1
5	Spectral analysis of triply ionized silver (Ag IV). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 254, 107193.	2.3	1
6	Critically evaluated energy levels, wavelengths, transition probabilities, and intensities of six-times ionized cesium: Cs VII. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 247, 106956.	2.3	2
7	Revised and extended analysis of doubly ionized gold: Au III. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 237, 106614.	2.3	5
8	Revised analysis of the third spectrum of mercury: Hg III. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 233, 119-133.	2.3	3
9	The 4d 8 (4d 7 4f + 4d 7 6p + 4p 5 4d 9) transitions in the spectrum of five times ionized indium (In VI). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 212, 50-58.	2.3	3
10	Revised and extended analysis of the third spectrum of silver: Ag III. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 217, 130-154.	2.3	0
11	Exited configurations in the spectrum of five-times ionized indium (In VI). <i>EPJ Web of Conferences</i> , 2017, 132, 03023.	0.3	2
12	The Third Spectrum of Indium: In III. <i>Atoms</i> , 2017, 5, 23.	1.6	0
13	Spectral analysis of the fifth spectrum of indium: In V. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 168, 102-141.	2.3	5
14	Revision and extension to the analysis of the third spectrum of bromine: Br III. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 154, 9-23.	2.3	5
15	Revised and extended analysis of Br IV. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 133, 624-645.	2.3	4
16	Spectral analysis of 5s25p2(6p+6d+7s) configurations of Ba VI. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 142, 37-48.	2.3	1
17	Extended analysis of four-times ionized barium: (Ba V). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 133, 281-299.	2.3	1
18	Extended and revised analysis of singly ionized tin: Sn II. <i>Physica Scripta</i> , 2014, 89, 115403.	2.5	22

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19	Extended analysis of three times ionized barium (Ba IV). Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 147, 102-111.	2.3	0
20	Extended analysis of fifth spectrum of bromine: Br V. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 147, 86-101.	2.3	4
21	Revised and extended analysis of the fourth spectrum of indium: In IV. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 129, 31-47.	2.3	5
22	Extended analysis of six-times ionized barium (Ba VII). Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 119, 32-52.	2.3	3
23	Fast Ion Surface Energy Loss and Straggling in the Surface Wake Fields. Physical Review Letters, 2013, 110, 163203.	7.8	11
24	Revised and extended analysis of Br VI. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 2072-2080.	2.3	8
25	The observed and predicted spectrum of neutral chromium: Cr I. Indian Journal of Physics, 2011, 85, 1781-1801.	1.8	1
26	Revision and Extension to the Analysis of the Third Spectrum of Tellurium: Te III. Journal of the Korean Physical Society, 2011, 59, 2910-2916.	0.7	8
27	Revised analysis of singly ionized tellurium: Te II. Canadian Journal of Physics, 2009, 87, 1255-1268.	1.1	7
28	The $5s25p4$, $(5s5p5, 5p36s)$ transitions in Ce VII and $5s25p3$ $4S$, $5s5p4$ $4P$ transitions in Ce VIII. Canadian Journal of Physics, 2008, 86, 714-725.		
29	Extended Analysis of Three-times Ionized Cesium Cs IV. Physica Scripta, 2005, 71, 193-197.	2.5	4
30	Revised and Extended Analysis of Eight-Times Ionized Cesium Ion: Cs IX. Physica Scripta, 2005, 72, 385-388.	2.5	2
31	Revised and Extended Analysis of the $4d84f + 4d85p + 4p54d10$ Configurations in Cs XI Spectrum. Physica Scripta, 2005, 71, 261-265.	2.5	3
32	Extended Analysis of the Fourth Spectrum of Iodine: I IV. Physica Scripta, 2004, 69, 283-288.	2.5	5
33	Extended Analysis of Doubly Ionized Iodine Spectrum: I III. Physica Scripta, 2004, 69, 289-296.	2.5	7
34	Revised and Extended Analysis of Three-times Ionized Antimony: Sb IV. Physica Scripta, 2001, 63, 108-112.	2.5	6
35	Revised and Extended Analysis of the Fifth Spectrum of Tellurium: Te V. Physica Scripta, 2000, 62, 316-320.	2.5	8
36	Analysis of the $5p3$, $5s5p6s$ and $5s5p5d$ Configurations of Doubly Ionized Antimony (Sb III). Physica Scripta, 2000, 61, 696-703.	2.5	7

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37	Interpretation of the 5p3, 5s5p5d and 5s5p6s configurations of trebly ionized tellurium (Te IV). Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 2917-2925.	1.5	10
38	Analysis of the and 5s5p6s configurations of four-times ionized iodine: I V. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 393-401.	1.5	13
39	Seventh Spectrum of Lanthanum: La VII. Physica Scripta, 1998, 57, 565-572.	2.5	11
40	Sixth spectrum of lanthanum (La VI): analysis of the , and configurations. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 873-879.	1.5	12
41	Revised and extended analysis of I VI. Physica Scripta, 1997, 56, 289-292.	2.5	13
42	Analysis of the 5s25p4, 5s5p5, 5s25p35d and 5s25p36s configurations of four-times ionized barium: Ba V. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, 3753-3762.	1.5	8
43	Analysis of the sixth spectrum of barium: Ba VI. Physica Scripta, 1994, 49, 335-339.	2.5	11
44	Analysis of the 5s25p4-(5s5p5+5s25p35d+5s25p36s) transition array of trebly ionized caesium: Cs IV. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, 405-412.	1.5	11
45	Analysis of four times ionized cesium (Cs V). Physica Scripta, 1993, 47, 550-554.	2.5	17
46	Revised and extended analysis of the 5s25p3, 5s5p4, 5s25p25dand 5s25p26sconfigurations of trebly ionized xenon (Xe IV). Physica Scripta, 1993, 47, 555-560.	2.5	17
47	Analysis of the third spectrum of iodine: I iii. Physical Review A, 1993, 47, 3092-3096.	2.5	12
48	The 5s25p2P-5s5p24P intercombination lines in the In I isoelectronic sequence from Sb III to La IX. Journal of Physics B: Atomic, Molecular and Optical Physics, 1992, 25, L561-L564.	1.5	25
49	A study of the beam-foil spectrum of Xe V. Physica Scripta, 1992, 46, 40-44.	2.5	13
50	Analysis of the 5s25p2, 5s5p3, 5s25p6sand 5s25p5dconfigurations of Ba VII. Physica Scripta, 1992, 46, 403-408.	2.5	18
51	The analysis of the $5s²5p⁵$, $5s⁵5p²$, $5s⁵5p³$, $5s⁵5p⁴$, and $5s⁵5p⁵$ configurations of Te III. Canadian Journal of Physics, 1992, 70, 740-744.	1.1	11
52	Beam-foil lifetime measurements for some $5d¹⁰$ and $5d⁹6s¹$ levels of Pb IV. Canadian Journal of Physics, 1991, 69, 594-596.	1.1	5
53	The spectrum of iodine V, VI and VII: lifetime measurements and energy level assignments. Journal of Physics B: Atomic, Molecular and Optical Physics, 1991, 24, 587-593.	1.5	16
54	Analysis of the 5s25p2, 5s5p3, 5s25p5d and 5s25p6s configurations of I IV. Journal of Physics B: Atomic, Molecular and Optical Physics, 1991, 24, 3701-3707.	1.5	17

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55	Analysis of the 5d8and 5d76pconfigurations of the fifth spectrum of mercury: Hg V. <i>Physica Scripta</i> , 1991, 43, 44-49.	2.5	13
56	Analysis of the 4d7-4d65ptransitions of Cd VI. <i>Physica Scripta</i> , 1991, 44, 265-273.	2.5	8
57	Analysis of the four lowest configurations of five times ionized cesium (Cs VI). <i>Physica Scripta</i> , 1991, 44, 579-581.	2.5	22
58	New energy level identifications in Kr VI. <i>Physica Scripta</i> , 1990, 42, 431-433.	2.5	7
59	Beam-foil measurements of singlet levels in Bi IV and some newly-assigned levels in Bi V. <i>Physica Scripta</i> , 1989, 40, 454-456.	2.5	17
60	Classified Lines and Energy Levels of Mo V. <i>Physica Scripta</i> , 1985, 31, 369-378.	2.5	6
61	Extended Analysis of Mo VI. <i>Physica Scripta</i> , 1985, 32, 215-219.	2.5	9
62	4p54d2configuration of Mo vi. <i>Physical Review A</i> , 1985, 32, 237-242.	2.5	8
63	The Spectrum of Five-Times Ionized Niobium (Nb VI). <i>Physica Scripta</i> , 1982, 26, 91-96.	2.5	4