

Tauheed Ahmad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The $5s^25p^2P-5s5p^24P$ intercombination lines in the In I isoelectronic sequence from Sb III to La IX. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992, 25, L561-L564.	1.5	25
2	Analysis of the four lowest configurations of five times ionized cesium (Cs VI). <i>Physica Scripta</i> , 1991, 44, 579-581.	2.5	22
3	Extended and revised analysis of singly ionized tin: Sn II. <i>Physica Scripta</i> , 2014, 89, 115403.	2.5	22
4	Analysis of the $5s^25p^2$, $5s5p^3$, $5s^25p^6s$ and $5s^25p^5d$ configurations of Ba VII. <i>Physica Scripta</i> , 1992, 46, 403-408.	2.5	18
5	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
6	Analysis of the $5s^25p^2$, $5s5p^3$, $5s^25p^5d$ and $5s^25p^6s$ configurations of I IV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991, 24, 3701-3707.	1.5	17
7	Analysis of four times ionized cesium (Cs V). <i>Physica Scripta</i> , 1993, 47, 550-554.	2.5	17
8	Revised and extended analysis of the $5s^25p^3$, $5s5p^4$, $5s^25p^25d$ and $5s^25p^26s$ configurations of trebly ionized xenon (Xe IV). <i>Physica Scripta</i> , 1993, 47, 555-560.	2.5	17
9	The spectrum of iodine V, VI and VII: lifetime measurements and energy level assignments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991, 24, 587-593.	1.5	16
10	Analysis of the $5d^8$ and $5d^76p$ configurations of the fifth spectrum of mercury: Hg V. <i>Physica Scripta</i> , 1991, 43, 44-49.	2.5	13
11	A study of the beam-foil spectrum of Xe V. <i>Physica Scripta</i> , 1992, 46, 40-44.	2.5	13
12	Revised and extended analysis of I VI. <i>Physica Scripta</i> , 1997, 56, 289-292.	2.5	13
13	Analysis of the and $5s^5p^6s$ configurations of four-times ionized iodine: I V. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 393-401.	1.5	13
14	Analysis of the third spectrum of iodine: I iii. <i>Physical Review A</i> , 1993, 47, 3092-3096.	2.5	12
15	Sixth spectrum of lanthanum (La VI): analysis of the , and configurations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 873-879.	1.5	12
16	The analysis of the $5s^25p^2$, $5s^25p^25d$, $5s^25p^25d^2$, $5s^25p^25d^3$, $5s^25p^25d^4$, and $5s^25p^25d^5$ configurations of Te III. <i>Canadian Journal of Physics</i> , 1992, 70, 740-744.	1.1	11
17	Analysis of the sixth spectrum of barium: Ba VI. <i>Physica Scripta</i> , 1994, 49, 335-339.	2.5	11
18	Analysis of the $5s^25p^4$ -($5s^5p^5+5s^25p^35d+5s^25p^36s$) transition array of trebly ionized caesium: Cs IV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 405-412.	1.5	11

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19	Seventh Spectrum of Lanthanum: La VII. <i>Physica Scripta</i> , 1998, 57, 565-572.	2.5	11
20	Fast Ion Surface Energy Loss and Straggling in the Surface Wake Fields. <i>Physical Review Letters</i> , 2013, 110, 163203.	7.8	11
21	Interpretation of the 5p ³ , 5s5p ⁵ d and 5s5p ⁶ s configurations of trebly ionized tellurium (Te IV). <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 2917-2925.	1.5	10
22	Extended Analysis of Mo VI. <i>Physica Scripta</i> , 1985, 32, 215-219.	2.5	9
23	4p54d ² configuration of Mo vi. <i>Physical Review A</i> , 1985, 32, 237-242.	2.5	8
24	Analysis of the 4d7-4d65p transitions of Cd VI. <i>Physica Scripta</i> , 1991, 44, 265-273.	2.5	8
25	Analysis of the 5s ² 5p ⁴ , 5s5p ⁵ , 5s ² 5p ³ 5d and 5s ² 5p ³ 6s configurations of four-times ionized barium: Ba V. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 3753-3762.	1.5	8
26	Revised and Extended Analysis of the Fifth Spectrum of Tellurium: Te V. <i>Physica Scripta</i> , 2000, 62, 316-320.	2.5	8
27	Revised and extended analysis of Br VI. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 2072-2080.	2.3	8
28	Revision and Extension to the Analysis of the Third Spectrum of Tellurium: Te III. <i>Journal of the Korean Physical Society</i> , 2011, 59, 2910-2916.	0.7	8
29	New energy level identifications in Kr VI. <i>Physica Scripta</i> , 1990, 42, 431-433.	2.5	7
30	Analysis of the 5p ³ , 5s5p ⁶ s and 5s5p ⁵ d Configurations of Doubly Ionized Antimony (Sb III). <i>Physica Scripta</i> , 2000, 61, 696-703.	2.5	7
31	Extended Analysis of Doubly Ionized Iodine Spectrum: I III. <i>Physica Scripta</i> , 2004, 69, 289-296.	2.5	7
32	Revised analysis of singly ionized tellurium: Te II. <i>Canadian Journal of Physics</i> , 2009, 87, 1255-1268.	1.1	7
33	Classified Lines and Energy Levels of Mo V. <i>Physica Scripta</i> , 1985, 31, 369-378.	2.5	6
34	Revised and Extended Analysis of Three-times Ionized Antimony: Sb IV. <i>Physica Scripta</i> , 2001, 63, 108-112.	2.5	6
35	Beam-foil lifetime measurements for some 5d ¹⁰ and 5d ⁹ s ⁶ p levels of Pb IV. <i>Canadian Journal of Physics</i> , 1991, 69, 594-596.	1.1	5
36	Extended Analysis of the Fourth Spectrum of Iodine: I IV. <i>Physica Scripta</i> , 2004, 69, 283-288.	2.5	5

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37	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
38	Revision and extension to the analysis of the third spectrum of bromine: Br III. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 154, 9-23.	2.3	5
39	Spectral analysis of the fifth spectrum of indium: In V. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 168, 102-141.	2.3	5
40	Revised and extended analysis of doubly ionized gold: Au III. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 237, 106614.	2.3	5
41	The Spectrum of Five-Times Ionized Niobium (Nb VI). Physica Scripta, 1982, 26, 91-96.	2.5	4
42	Extended Analysis of Three-times Ionized Cesium Cs IV. Physica Scripta, 2005, 71, 193-197.	2.5	4
43	Revised and extended analysis of Br IV. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 133, 624-645.	2.3	4
44	Extended analysis of fifth spectrum of bromine: Br V. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 147, 86-101.	2.3	4
45	Revised and Extended Analysis of the 4d84f + 4d85p + 4p54d10Configurations in Cs XI Spectrum. Physica Scripta, 2005, 71, 261-265.	2.5	3
46	Extended analysis of six-times ionized barium (Ba VII). Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 119, 32-52.	2.3	3
47	The 4d 8 \hat{a}^{\leftarrow} (4d 7 4f \hat{a}^{\leftarrow} + \hat{a}^{\leftarrow} 4d 7 6p \hat{a}^{\leftarrow} + \hat{a}^{\leftarrow} 4p 5 4d 9) transitions in the spectrum of five times ionized indium (In VI). Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 212, 50-58.	2.3	3
48	Revised analysis of the third spectrum of mercury: Hg III. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 233, 119-133.	2.3	3
49	Revised and Extended Analysis of Eight-Times Ionized Cesium Ion: Cs IX. Physica Scripta, 2005, 72, 385-388.	2.5	2
50	The 5s25p4 \hat{a}^{\leftarrow} , \hat{a}^{\leftarrow} \hat{a}^{\leftarrow} , (5s5p5 \hat{a}^{\leftarrow} , + \hat{a}^{\leftarrow} , 5p36s) transitions in Ce VII and 5s25p3 4S \hat{a}^{\leftarrow} , \hat{a}^{\leftarrow} \hat{a}^{\leftarrow} , 5s5p4 4P transitions in Ce VIII. Canadian Journal of Physics, 2008, 86, 714-725.	1.1	2
51	Exited configurations in the spectrum of five-times ionized indium (In VI). EPJ Web of Conferences, 2017, 132, 03023.	0.3	2
52	Critically evaluated energy levels, wavelengths, transition probabilities, and intensities of six-times ionized cesium: Cs VII. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 247, 106956.	2.3	2
53	The observed and predicted spectrum of neutral chromium: Cr I. Indian Journal of Physics, 2011, 85, 1781-1801.	1.8	1
54	Spectral analysis of 5s25p2(6p+6d+7s) configurations of Ba VI. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 142, 37-48.	2.3	1

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55	Extended analysis of four-times ionized barium: (Ba V). Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 133, 281-299.	2.3	1
56	Revised and extended analysis of doubly ionized bismuth: Bi III. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107253.	2.3	1
57	Spectral analysis of triply ionized silver (Ag IV). Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 254, 107193.	2.3	1
58	Spectral analysis and calculations of line parameters for Xe-like Ce V. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 258, 107387.	2.3	1
59	Extended analysis of three times ionized barium (Ba IV). Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 147, 102-111.	2.3	0
60	The Third Spectrum of Indium: In III. Atoms, 2017, 5, 23.	1.6	0
61	Revised and extended analysis of the third spectrum of silver: Ag III. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 130-154.	2.3	0
62	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. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 261, 107435.	2.3	0
63	Energy structure investigations in triply ionized mercury: Hg IV. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107668.	2.3	0