

Chun Yu Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Benchmarking Atomic Data for Astrophysics: Be-like Ions between B ii and Ne vii. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 40.	7.7	24
2	Extensive and accurate energy levels and transition rates for Al-like Zn XVIII. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 189, 249-257.	2.3	22
3	Extended calculations of energy levels, radiative properties, A, B hyperfine interaction constants, and Landé g-factors for nitrogen-like Ge XXVI. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 208, 134-151.	2.3	19
4	Benchmarking calculations with spectroscopic accuracy of level energies and wavelengths in W LVIII tungsten ions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 269, 107650.	2.3	12
5	Large-scale Multiconfiguration Dirac-Hartree-Fock and Relativistic Configuration Interaction Calculations of Transition Data for B-like S xii. <i>Astrophysical Journal</i> , 2018, 864, 127.	4.5	11
6	Calculations of energies, transition rates, and lifetimes for the fluorine-like isoelectronic sequence with $Z > 31$ and $Z > 35$. <i>Atomic Data and Nuclear Data Tables</i> , 2019, 126, 158-294.	2.4	11
7	Extended calculations of energies, transition rates, and lifetimes for F-like Kr XXVIII. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 206, 180-188.	2.3	9
8	Benchmarking calculations with spectroscopic accuracy of excitation energies and wavelengths in sulfur-like tungsten. <i>Physical Review A</i> , 2020, 101, .	2.5	9
9	Benchmarking calculations of wavelengths and transition rates with spectroscopic accuracy for W xlviii through W lvi tungsten ions. <i>Physical Review A</i> , 2022, 105, .	2.5	9
10	Extended calculations of energy levels, radiative properties, A, B hyperfine interaction constants, and Landé g-factors for Nitrogen-like Se XXVIII. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 220, 5-27.	2.3	7
11	High accuracy theoretical calculation of wavelengths and transition probabilities in Se- through Ga-like ions of tungsten. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 210, 204-216.	2.3	6
12	Calculations for energies, transition rates, and lifetimes in Al-like Kr XXIV. <i>Atomic Data and Nuclear Data Tables</i> , 2018, 121-122, 256-292.	2.4	6
13	Extended calculations with spectroscopic accuracy: Energy levels and radiative rates for O-like ions between Ar XI and Cr XVII. <i>Atomic Data and Nuclear Data Tables</i> , 2021, 138, 101377.	2.4	6
14	Energy levels and transition rates for Al-like Cu XVII. <i>Atomic Data and Nuclear Data Tables</i> , 2019, 127-128, 140-161.	2.4	5
15	Energy levels, transition rates and electron impact excitation rates for B-like Kr XXXII. <i>Atomic Data and Nuclear Data Tables</i> , 2020, 133-134, 101339.	2.4	4
16	Resonance enhanced electron impact excitation of Cu-like gadolinium. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	3
17	Extended calculations of energy levels, radiative properties, and lifetimes for P-like Ge XVIII. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 261, 107512.	2.3	3
18	High-accuracy multi-configuration Dirac-Hartree-Fock calculations of the energy levels and transition properties of Ga-like to Br-like gadolinium ions. <i>Atomic Data and Nuclear Data Tables</i> , 2018, 123-124, 86-113.	2.4	0