

Shu-Xing Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectronic and Trielectronic Recombination Rate Coefficients of Be-like Ar $14+$. Astrophysical Journal, Supplement Series, 2018, 235, 2.	7.7	31
2	Electron-ion Recombination Rate Coefficients of Be-like 40 Ca $16+$. Astrophysical Journal, 2018, 862, 134.	4.5	14
3	Non-resonant inelastic X-ray scattering spectroscopy: A momentum probe to detect the electronic structures of atoms and molecules. Matter and Radiation at Extremes, 2020, 5, .	3.9	14
4	Low energy range dielectronic recombination of Fluorine-like Fe $17+$ at the CSRm. Chinese Physics C, 2018, 42, 064001.	3.7	10
5	Dielectronic recombination rate coefficients of fluorine-like nickel. Astronomy and Astrophysics, 2019, 627, A171.	5.1	10
6	A study on the validity of the first Born approximation for high-energy electron scattering with nitrogen molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 245202.	1.5	10
7	Rate Coefficients for Dielectronic Recombination of Carbon-like 40 Ca $14+$. Astrophysical Journal, 2020, 905, 36.	4.5	8
8	Absolute rate coefficients for dielectronic recombination of Na-like Kr . Physical Review A, 2020, 102, .	2.5	5
9	Cross sections for the electron-impact excitations H_2O determined by high-energy electron scattering. Physical Review A, 2021, 103, .	2.5	6
10	Generalized oscillator strengths of the low-lying valence-shell excitations of N ₂ , O ₂ , and C ₂ H ₂ studied by fast electron and inelastic x-ray scattering. Journal of Chemical Physics, 2019, 150, 094302.	3.0	5
11	Electron-ion recombination rate coefficients of carbon-like Ar $12+$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 085004.	1.5	5
12	Precision measurements of the fine-structure splitting in B-like P . Physical Review A, 2021, 104, .	2.5	5
13	Optical oscillator strengths of the vibronic excitations of molecular deuterium determined by the dipole ($\text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td}$). Physical Review A, 2018, 98, .	2.5	4
14	Generalized Oscillator Strengths for the Valence Shell Excitations in Carbon Tetrachloride Studied by Fast Electron Impact. Journal of Physical Chemistry A, 2022, 126, 453-461.	2.5	4
15	Investigations of the dielectronic recombination of phosphorus-like tin at CSRm. Chinese Physics B, 2018, 27, 063402.	1.4	3
16	Oscillator strengths and integral cross-sections of the valence-shell excitations of CH ₃ Cl studied by fast electron scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 055101.	1.5	3
17	Dielectronic recombination of Be-like argon at the CSRm. Journal of Physics: Conference Series, 2017, 875, 012020.	0.4	2
18	Enhancement of electron-ion recombination rates at low energy range in the heavy ion storage ring CSRm. Chinese Physics B, 2020, 29, 033401.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Revisiting the oscillator strengths and cross sections of atomic neon by fast electron scattering. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 277, 107988.	2.3	2
20	Cross sections for valence-shell excitations of H^2 in the $9.85\text{--}12.15\text{-eV}$ energy-loss range studied by high-energy inelastic electron scattering. <i>Physical Review A</i> , 2022, 105, .	2.5	2
21	Plasma-relevant fast electron impact study of trifluoromethane. <i>Plasma Sources Science and Technology</i> , 2022, 31, 045012.	3.1	2
22	Probing the delocalized core-hole via inner-shell excitation in N^2 . <i>New Journal of Physics</i> , 2022, 24, 053036.	2.9	2
23	Specific heat anomaly due to peierls transition in potassium blue bronze. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 164, K73.	1.5	0
24	KLL Dielectronic Satellite Spectra from the Photorecombination of He-like Fe and Ni Ions. <i>Astrophysical Journal</i> , 2018, 869, 128.	4.5	0
25	Dielectronic recombination rate coefficients for F-like nickel. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 232001.	0.4	0
26	The Study of the Low-Lying Valence-Shell Excitations of Hydrogen Sulfide by Fast Electron Impact. <i>Journal of Physical Chemistry A</i> , 2020, 124, 10997-11005.	2.5	0
27	Momentum-transfer-dependence behavior of the autoionization resonances of argon studied by high-resolution fast electron scattering. <i>Physical Review A</i> , 2022, 105, .	2.5	0
28	Oscillator strength study of the excitations of valence-shell of C^2H^2 by high-resolution inelastic x-ray scattering. <i>Chinese Physics B</i> , 0, , .	1.4	0
29	Differential and integral cross sections for the valence-shell excitations in D^2O studied by fast electron impact. <i>Physical Review A</i> , 2022, 105, .	2.5	0