

Francis P Keenan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

251
citations

933447

10
h-index

940533

16
g-index

25
all docs

25
docs citations

25
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-impact Excitation of Fe i. <i>Astrophysical Journal</i> , 2020, 902, 68.	4.5	2
2	Photospheric Observations of Surface and Body Modes in Solar Magnetic Pores. <i>Astrophysical Journal</i> , 2018, 857, 28.	4.5	63
3	Benchmarking Current Capabilities for the Generation of Excitation and Photoionisation Atomic Data. <i>Galaxies</i> , 2018, 6, 90.	3.0	1
4	Towards the Provision of Accurate Atomic Data for Neutral Iron. <i>Galaxies</i> , 2018, 6, 91.	3.0	1
5	Emission Line Ratios of Fe III as Astrophysical Plasma Diagnostics. <i>Astrophysical Journal</i> , 2017, 841, 3.	4.5	13
6	The Origin of B-type Runaway Stars: Non-LTE Abundances as a Diagnostic. <i>Astrophysical Journal</i> , 2017, 842, 32.	4.5	11
7	Electron impact excitation rates for transitions in Mg V. <i>Canadian Journal of Physics</i> , 2017, 95, 9-20.	1.1	8
8	Radiative Rates and Electron Impact Excitation Rates for Transitions in He II. <i>Atoms</i> , 2017, 5, 19.	1.6	4
9	ULTRAVIOLET EMISSION LINES OF Si ii IN QUASARS—INVESTIGATING THE “Si ii DISASTER”. <i>Astrophysical Journal</i> , 2016, 825, 28.	4.5	7
10	Ultraviolet emission lines of Si ii in cool star and solar spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3405-3412.	4.4	5
11	Radiative rates for E1, E2, M1, and M2 transitions in S-like to F-like tungsten ions (W ^{LIX} to W ^{LXVI}). <i>Atomic Data and Nuclear Data Tables</i> , 2016, 111-112, 187-279.	2.4	22
12	Early-type stars observed in the ESO UVES Paranal Observatory Project - V. Time-variable interstellar absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1396-1412.	4.4	12
13	Electron impact excitation of Astrophysically Important C III Ion. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
14	Energy levels, radiative rates and electron impact excitation rates for transitions in C iii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1151-1163.	4.4	12
15	Energy levels, radiative rates and electron impact excitation rates for transitions in Fe xiv. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2015-2027.	4.4	20
16	Radiative rates for E1, E2, M1, and M2 transitions among the 3s23p5, 3s3p6, and 3s23p43d configurations of Cl-like W LVIII. <i>Canadian Journal of Physics</i> , 2014, 92, 1166-1177.	1.1	4
17	Energy levels, radiative rates and electron impact excitation rates for transitions in Si ii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 388-400.	4.4	20
18	Energy levels, radiative rates, and lifetimes for transitions in W LVIII. <i>Atomic Data and Nuclear Data Tables</i> , 2014, 100, 1603-1767.	2.4	11

#	ARTICLE	IF	CITATIONS
19	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
20	Energy levels and radiative rates for transitions in Ti VII. Physica Scripta, 2013, 88, 065304.	2.5	2
21	Energy levels and radiative rates for transitions in Ti X. Physica Scripta, 2013, 88, 025303.	2.5	6
22	Assessment of Atomic Data: Problems and Solutions. Fusion Science and Technology, 2013, 63, 363-371.	1.1	18
23	The Solar Line Emission Dopplerometer project. Experimental Astronomy, 0, , 1.	3.7	0