

Francis P Keenan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

251
citations

933447

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940533

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25
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docs citations

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times ranked

393
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Photospheric Observations of Surface and Body Modes in Solar Magnetic Pores. <i>Astrophysical Journal</i> , 2018, 857, 28. | 4.5 | 63 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Assessment of Atomic Data: Problems and Solutions. <i>Fusion Science and Technology</i> , 2013, 63, 363-371. | 1.1 | 18 |
| 6 | Emission Line Ratios of Fe III as Astrophysical Plasma Diagnostics. <i>Astrophysical Journal</i> , 2017, 841, 3. | 4.5 | 13 |
| 7 | 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 |
| 8 | Energy levels, radiative rates and electron impact excitation rates for transitions in Ca ⁱⁱⁱ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1151-1163. | 4.4 | 12 |
| 9 | 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 |
| 10 | The Origin of B-type Runaway Stars: Non-LTE Abundances as a Diagnostic. <i>Astrophysical Journal</i> , 2017, 842, 32. | 4.5 | 11 |
| 11 | Comment on "Multiconfiguration Dirac-Fock energy levels and radiative rates for Br-like tungsten" by S. Aggarwal, A.K.S. Jha, and M. Mohan [<i>Can. J. Phys.</i> 91, 394 (2013)]. <i>Canadian Journal of Physics</i> , 2014, 92, 545-550. | 1.1 | 9 |
| 12 | Electron impact excitation rates for transitions in Mg V. <i>Canadian Journal of Physics</i> , 2017, 95, 9-20. | 1.1 | 8 |
| 13 | ULTRAVIOLET EMISSION LINES OF Si ⁱⁱ IN QUASARS—INVESTIGATING THE Si ⁱⁱ DISASTER. <i>Astrophysical Journal</i> , 2016, 825, 28. | 4.5 | 7 |
| 14 | Energy levels and radiative rates for transitions in Ti X. <i>Physica Scripta</i> , 2013, 88, 025303. | 2.5 | 6 |
| 15 | 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 |
| 16 | Radiative rates for E1, E2, M1, and M2 transitions among the 3s ² 3p ⁵ , 3s ³ p ⁶ , and 3s ² 3p ⁴ 3d configurations of Cl-like W LVIII. <i>Canadian Journal of Physics</i> , 2014, 92, 1166-1177. | 1.1 | 4 |
| 17 | Radiative Rates and Electron Impact Excitation Rates for Transitions in He II. <i>Atoms</i> , 2017, 5, 19. | 1.6 | 4 |
| 18 | Energy levels and radiative rates for transitions in Ti VII. <i>Physica Scripta</i> , 2013, 88, 065304. | 2.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Electron-impact Excitation of Fe i. <i>Astrophysical Journal</i> , 2020, 902, 68. | 4.5 | 2 |
| 20 | Benchmarking Current Capabilities for the Generation of Excitation and Photoionisation Atomic Data. <i>Galaxies</i> , 2018, 6, 90. | 3.0 | 1 |
| 21 | Towards the Provision of Accurate Atomic Data for Neutral Iron. <i>Galaxies</i> , 2018, 6, 91. | 3.0 | 1 |
| 22 | Electron impact excitation of Astrophysically Important C III Ion. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, . | 0.0 | 0 |
| 23 | The Solar Line Emission Dopplerometer project. <i>Experimental Astronomy</i> , 0, , 1. | 3.7 | 0 |