

Eamon K Conway

List of Publications by Year in descending order

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11
papers

251
citations

1307594

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h-index

1281871

11
g-index

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all docs

18
docs citations

18
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Fitting potential energy and induced dipole surfaces of the van der Waals complex CH ₄ -N ₂ using non-product quadrature grids. Physical Chemistry Chemical Physics, 2021, 23, 18475-18494.	2.8	5
2	Spectral calibration of the MethaneAIR instrument. Atmospheric Measurement Techniques, 2021, 14, 3737-3753.	3.1	11
3	Determination of quantum labels based on projections of the total angular momentum on the molecule-fixed axis. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107716.	2.3	2
4	Calculated line lists for H ₂ 16O and H ₂ 18O with extensive comparisons to theoretical and experimental sources including the HITRAN2016 database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 241, 106711.	2.3	23
5	The 2020 release of the ExoMol database: Molecular line lists for exoplanet and other hot atmospheres. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107228.	2.3	127
6	Empirical normal intensity distribution for overtone vibrational spectra of triatomic molecules. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 252, 107084.	2.3	6
7	ExoMol line lists – XXXVIII. High-temperature molecular line list of silicon dioxide (SiO ₂). Monthly Notices of the Royal Astronomical Society, 2020, 495, 1927-1933.	4.4	13
8	Use of the complete basis set limit for computing highly accurate ab initio dipole moments. Journal of Chemical Physics, 2020, 152, 024105.	3.0	9
9	A semi-empirical potential energy surface and line list for H ₂ O ⁺ extending into the near-ultraviolet. Atmospheric Chemistry and Physics, 2020, 20, 10015-10027.	4.9	17
10	A highly accurate <i>ab initio</i> dipole moment surface for the ground electronic state of water vapour for spectra extending into the ultraviolet. Journal of Chemical Physics, 2018, 149, 084307.	3.0	22
11	ExoMol line lists XXV: a hot line list for silicon sulphide, SiS. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1520-1527.	4.4	16