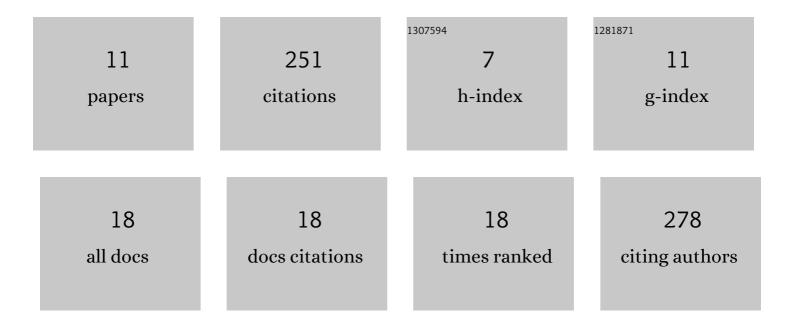
Eamon K Conway

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5492997/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Calculated line lists for H216O and H218O 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
3	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
4	A semi-empirical potential energy surface and line list for H ₂ ¹⁶ O extending into the near-ultraviolet. Atmospheric Chemistry and Physics, 2020, 20, 10015-10027.	4.9	17
5	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
6	ExoMol line lists – XXXVIII. High-temperature molecular line list of silicon dioxide (SiO2). Monthly Notices of the Royal Astronomical Society, 2020, 495, 1927-1933.	4.4	13
7	Spectral calibration of the MethaneAIR instrument. Atmospheric Measurement Techniques, 2021, 14, 3737-3753.	3.1	11
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	Empirical normal intensity distribution for overtone vibrational spectra of triatomic molecules. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 252, 107084.	2.3	6
10	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
11	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