

Aleksandra A Kyuberis

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11 papers	382 citations	9 h-index	12 g-index
12 ext. papers	492 ext. citations	3.1 avg, IF	3.58 L-index

#	Paper	IF	Citations
11	Observation of electric-quadrupole infrared transitions in water vapor. <i>Physical Review Research</i> , 2020 , 2,	3.9	14
10	The W2020 Database of Validated Rovibrational Experimental Transitions and Empirical Energy Levels of Water Isotopologues. II. H217O and H218O with an Update to H216O. <i>Journal of Physical and Chemical Reference Data</i> , 2020 , 49, 043103	4.3	12
9	Calculated line lists for H216O and H218O with extensive comparisons to theoretical and experimental sources including the HITRAN2016 database. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020 , 241, 106711	2.1	8
8	Potential energy surface, dipole moment surface and the intensity calculations for the 10 μm , 5 μm and 3 μm bands of ozone. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018 , 210, 127-135	2.1	12
7	High-accuracy water potential energy surface for the calculation of infrared spectra. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376,	3	20
6	High Accuracy ab Initio Calculations of Rotational-Vibrational Levels of the HCN/HNC System. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 1326-1343	2.8	7
5	ExoMol molecular line lists XXX: a complete high-accuracy line list for water. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2597-2608	4.3	145
4	A highly accurate dipole moment surface for the ground electronic state of water vapour for spectra extending into the ultraviolet. <i>Journal of Chemical Physics</i> , 2018 , 149, 084307	3.9	17
3	Total internal partition sums for 166 isotopologues of 51 molecules important in planetary atmospheres: Application to HITRAN2016 and beyond. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017 , 203, 70-87	2.1	94
2	Accurate line intensities for water transitions in the infrared: Comparison of theory and experiment. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017 , 203, 88-102	2.1	28
1	ExoMol molecular line lists IXX. A comprehensive line list for H3+. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 1717-1725	4.3	25