

# Ondrej Votava

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

161  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

148  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependence of the absorption spectrum of CH <sub>4</sub> by high resolution spectroscopy at 81K: (II) The icosad region (1.49–1.30 $\mu$ m). Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 1141-1151.	2.3	49
2	Accurate determination of low state rotational quantum numbers (J < 4) from planar-jet and liquid nitrogen cell absorption spectra of methane near 1.4 micron. Physical Chemistry Chemical Physics, 2010, 12, 3145.	2.8	33
3	Microcontroller based resonance tracking unit for time resolved continuous wave cavity-ringdown spectroscopy measurements. Review of Scientific Instruments, 2012, 83, 043110.	1.3	28
4	Measurement of line strengths in the $\tilde{\nu}_2$ $\tilde{\nu}_1$ transition of HO <sub>2</sub> and DO <sub>2</sub> . Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 201, 161-170.	2.3	12
5	Intracluster stereochemistry in van der Waals complexes: Steric effects in ultraviolet photodissociation of state-selected Ar–HOD/H <sub>2</sub> O. Journal of Chemical Physics, 2004, 120, 8443-8452.	3.0	10
6	Spectroscopy of jet-cooled methane in the lower icosad region: Empirical assignments of low-J spectral lines from two-temperature analysis. Journal of Molecular Spectroscopy, 2013, 291, 9-15.	1.2	9
7	Vibrationally mediated photodissociation dynamics of pyrrole. AIP Advances, 2019, 9, 035151.	1.3	9
8	Experimental determination of the rate constants of the reactions of HO <sub>2</sub> + DO <sub>2</sub> and DO <sub>2</sub> + DO <sub>2</sub> . International Journal of Chemical Kinetics, 2020, 52, 197-206.	1.6	6
9	OH-stretch overtone of methanol: empirical assignment using a two temperature technique in a supersonic jet. Physical Chemistry Chemical Physics, 2015, 17, 15710-15717.	2.8	4
10	Heterogeneous Reactions of Methane with Cl Radicals on Large Ar <sub>n</sub> Clusters. Journal of Physical Chemistry A, 2022, 126, 249-258.	2.5	1
11	Pattern recognition as a new strategy in high-resolution spectroscopy: application to methanol OH-stretch overtones. Physical Chemistry Chemical Physics, 2021, 23, 20193-20200.	2.8	0