

# Ondrej Votava

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

161  
citations

1307594

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h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

148  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                   | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Heterogeneous Reactions of Methane with Cl Radicals on Large ArN Clusters. Journal of Physical Chemistry A, 2022, 126, 249-258.                                                                                                           | 2.5 | 1         |
| 2  | 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         |
| 3  | Experimental determination of the rate constants of the reactions of HO 2 + DO 2 and DO 2 + DO 2. International Journal of Chemical Kinetics, 2020, 52, 197-206.                                                                          | 1.6 | 6         |
| 4  | Vibrationally mediated photodissociation dynamics of pyrrole. AIP Advances, 2019, 9, 035151.                                                                                                                                              | 1.3 | 9         |
| 5  | Measurement of line strengths in the $A_1^2 A_1^{\prime\prime}$ $\rightarrow$ $X^2 A_1^{\prime}$ transition of HO 2 and DO 2. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 201, 161-170.                            | 2.3 | 12        |
| 6  | 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         |
| 7  | Spectroscopy of jet-cooled methane in the lower icosad region: Empirical assignments of low-J $\nu_3$ spectral lines from two-temperature analysis. Journal of Molecular Spectroscopy, 2013, 291, 9-15.                                   | 1.2 | 9         |
| 8  | Microcontroller based resonance tracking unit for time resolved continuous wave cavity-ringdown spectroscopy measurements. Review of Scientific Instruments, 2012, 83, 043110.                                                            | 1.3 | 28        |
| 9  | Temperature dependence of the absorption spectrum of CH4 by high resolution spectroscopy at 81K: (II) The icosad region (1.49 $\mu$ m - 1.30 $\mu$ m). Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 1141-1151. | 2.3 | 49        |
| 10 | Accurate determination of low state rotational quantum numbers (J $\leq$ 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        |
| 11 | Intracluster stereochemistry in van der Waals complexes: Steric effects in ultraviolet photodissociation of state-selected Ar-HOD/H2O. Journal of Chemical Physics, 2004, 120, 8443-8452.                                                 | 3.0 | 10        |