

# Jacek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6843188/publications.pdf>

Version: 2024-02-01

11  
papers

47  
citations

2258059

3  
h-index

1720034

7  
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11  
all docs

11  
docs citations

11  
times ranked

36  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A filter-based Raman spectrometer for non-invasive imaging of atmospheric water vapor. Review of Scientific Instruments, 2022, 93, 035102.  | 1.3 | 0         |
| 2  | Corrections to the Raman fundamental band of N <sub>2</sub> and O <sub>2</sub> due to molecular non-rigidity: computations and experiment. Molecular Physics, 2020, 118, e1663287.            | 1.7 | 2         |
| 3  | Toward Non-Invasive Measurement of Atmospheric Temperature Using Vibro-Rotational Raman Spectra of Diatomic Gases. Remote Sensing, 2020, 12, 4129.  | 4.0 | 3         |
| 4  | Rotational lines of hydrogen in water. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 095101.   | 1.5 | 0         |
| 5  | Calculation of the Raman Q branch of hydrogen in water and comparison with experiments. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 235101.                        | 1.5 | 1         |
| 6  | Laser multipass system with interior cell configuration. Applied Optics, 2011, 50, 5812.  | 2.1 | 0         |
| 7  | Neutrino Mass Experiment at The University of Texas at Austin (NEXTEX). Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 332.  | 0.4 | 0         |
| 8  | Surface Enhanced Exchange Reactions of Hydrogen Isotopes with Water and Fomblin Oil. Fusion Science and Technology, 2008, 54, 580-583.  | 1.1 | 2         |
| 9  | Doppler Width Limited Near-Infrared Raman Spectrometer. Applied Spectroscopy, 2006, 60, 54-56.  | 2.2 | 4         |
| 10 | NIR Raman spectrometer for monitoring protonation reactions in gaseous hydrogen. Journal of Nuclear Materials, 2005, 341, 224-230.  | 2.7 | 24        |
| 11 | Spatial distributions of absolute densities of argon metastable state 3p <sup>5</sup> 4s in a Gaseous Electronics Conference Reference Cell. Journal of Applied Physics, 1999, 86, 4767-4771. | 2.5 | 11        |