

# Bryan M Karpowicz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5568679/publications.pdf>

Version: 2024-02-01

12  
papers

94  
citations

1684188

5  
h-index

1720034

7  
g-index

13  
all docs

13  
docs citations

13  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the utility of hyperspectral sounders in the 9.6- $\mu$ m band to improve ozone analyses. Quarterly Journal of the Royal Meteorological Society, 2022, 148, 169-184.	2.7	1
2	pyCRTM: A python interface for the community radiative transfer model. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 288, 108263.	2.3	4
3	High-Precision Laboratory Measurements Supporting Retrieval of Water Vapor, Gaseous Ammonia, and Aqueous Ammonia Clouds with the Juno Microwave Radiometer (MWR). Space Science Reviews, 2017, 213, 187-204.	8.1	5
4	High-Precision Laboratory Measurements Supporting Retrieval of Water Vapor, Gaseous Ammonia, and Aqueous Ammonia Clouds with the Juno Microwave Radiometer (MWR). , 2016, , 627-644.		0
5	A synergistic approach to atmospheric correction of NEON's airborne hyperspectral data utilizing airborne solar spectral flux radiometers, ground based radiometers, and airborne hyperspectral imagers. , 2014, , .		1
6	Calibration of the National Ecological Observatory Network's airborne imaging spectrometers. , 2014, , .		2
7	Investigating the H <sub>2</sub> -He-H <sub>2</sub> O-CH <sub>4</sub> equation of state in the deep troposphere of Jupiter. Icarus, 2013, 223, 277-297.	2.5	6
8	In search of water vapor on Jupiter: Laboratory measurements of the microwave properties of water vapor under simulated jovian conditions. Icarus, 2011, 212, 210-223.	2.5	19
9	Reconciling the centimeter- and millimeter-wavelength ammonia absorption spectra under jovian conditions: Extensive millimeter-wavelength measurements and a consistent model. Icarus, 2011, 212, 224-235.	2.5	10
10	A new model of the hydrogen and helium-broadened microwave opacity of ammonia based on extensive laboratory measurements. Icarus, 2009, 202, 316-335.	2.5	35
11	Microwave Remote Sensing of Planetary Atmospheres: From Staelin and Barrett to the Nasa Juno Mission. , 2008, , .		2
12	Scanning linear polarimeter for aerosol sensing. , 2006, , .		0