

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	A new model of the hydrogen and helium-broadened microwave opacity of ammonia based on extensive laboratory measurements. <i>Icarus</i> , 2009, 202, 316-335.	2.5	35
2	In search of water vapor on Jupiter: Laboratory measurements of the microwave properties of water vapor under simulated jovian conditions. <i>Icarus</i> , 2011, 212, 210-223.	2.5	19
3	Reconciling the centimeter- and millimeter-wavelength ammonia absorption spectra under jovian conditions: Extensive millimeter-wavelength measurements and a consistent model. <i>Icarus</i> , 2011, 212, 224-235.	2.5	10
4	Investigating the H ₂ –He–H ₂ O–CH ₄ equation of state in the deep troposphere of Jupiter. <i>Icarus</i> , 2013, 223, 277-297.	2.5	6
5	High-Precision Laboratory Measurements Supporting Retrieval of Water Vapor, Gaseous Ammonia, and Aqueous Ammonia Clouds with the Juno Microwave Radiometer (MWR). <i>Space Science Reviews</i> , 2017, 213, 187-204.	8.1	5
6	pyCRTM: A python interface for the community radiative transfer model. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 288, 108263.	2.3	4
7	Microwave Remote Sensing of Planetary Atmospheres: From Staelin and Barrett to the Nasa Juno Mission. , 2008, , .		2
8	Calibration of the National Ecological Observatory Network's airborne imaging spectrometers. , 2014, , .		2
9	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
10	Investigating the utility of hyperspectral sounders in the 9.6–10.4 μm band to improve ozone analyses. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 169-184.	2.7	1
11	Scanning linear polarimeter for aerosol sensing. , 2006, , .		0
12	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