

Zachary Reed

List of Publications by Year in descending order

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9
papers

895
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	The HITRAN2020 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 277, 107949.	2.3	770
2	Cavity ring-down spectrometer for high-fidelity molecular absorption measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 161, 11-20.	2.3	43
3	SI-traceable molecular transition frequency measurements at the 10^{-12} relative uncertainty level. Optica, 2020, 7, 1209.	9.3	24
4	High Accuracy Near-Infrared Carbon Dioxide Intensity Measurements to Support Remote Sensing. Geophysical Research Letters, 2020, 47, e2019GL086344.	4.0	23
5	Molecular transition frequencies of CO ₂ near 1.6 μm with kHz-level uncertainties. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 271, 107681.	2.3	15
6	High accuracy spectroscopic parameters of the 1.27 μm band of O ₂ measured with comb-referenced, cavity ring-down spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107684.	2.3	9
7	Line shape parameters of helium-broadened ¹² C ¹⁶ O transitions in the $3\hat{+}^{\hat{+}}\hat{+}^{\hat{+}}$ overtone band near 1.57 μm . Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 300-308.	2.3	8
8	Magnetic behavior of manganese bromide hydrates including deuteration effects. Journal of Magnetism and Magnetic Materials, 2016, 410, 63-71.	2.3	3
9	High precision 2.0 μm Photoacoustic Spectrometer for Determination of the ¹³ CO ₂ / ¹² CO ₂ Isotope Ratio. , 2017, , .		0