

Yan Tan

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

3,733
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

3652
citing authors

#	ARTICLE	IF	CITATIONS
1	The HITRAN2020 molecular spectroscopic database. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 277, 107949.	2.3	770
2	Cavity-enhanced saturated absorption spectroscopy of the (30012) $\hat{\nu}$ (00001) band of $^{12}\text{C}^{16}\text{O}_2$. <i>Journal of Chemical Physics</i> , 2022, 156, 044201.	3.0	8
3	Saturated absorption spectroscopy near 1.57 μm and revised rotational line list of $^{12}\text{C}^{16}\text{O}$. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 270, 107717.	2.3	8
4	A well-isolated vibrational state of CO_2 verified by near-infrared saturated spectroscopy with kHz accuracy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2841-2848.	2.8	16
5	Revising the line-shape parameters for air- and self-broadened CO_2 lines toward a sub-percent accuracy level. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 256, 107283.	2.3	18
6	Optical-Optical Double-Resonance Absorption Spectroscopy of Molecules with Kilohertz Accuracy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7843-7848.	4.6	17
7	H_2 -He collisions: Ab initio theory meets cavity-enhanced spectra. <i>Physical Review A</i> , 2020, 101, .	2.5	24
8	High accuracy absorption coefficients for the Orbiting Carbon Observatory-2 (OCO-2) mission: Validation of updated carbon dioxide cross-sections using atmospheric spectra. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 203, 213-223.	2.3	32
9	The HITRAN2016 molecular spectroscopic database. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 203, 3-69.	2.3	2,840