

Yan Tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9998924/publications.pdf>

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 HITRAN2016 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 3-69.	2.3	2,840
2	The HITRAN2020 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 277, 107949.	2.3	770
3	High accuracy absorption coefficients for the Orbiting Carbon Observatory-2 (OCO-2) mission: Validation of updated carbon dioxide cross-sections using atmospheric spectra. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 213-223.	2.3	32
4	H2 -He collisions: Ab initio theory meets cavity-enhanced spectra. Physical Review A, 2020, 101, .	2.5	24
5	Revising the line-shape parameters for air- and self-broadened CO ₂ lines toward a sub-percent accuracy level. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 256, 107283.	2.3	18
6	Optical-Optical Double-Resonance Absorption Spectroscopy of Molecules with KiloHertz Accuracy. Journal of Physical Chemistry Letters, 2020, 11, 7843-7848.	4.6	17
7	A well-isolated vibrational state of CO ₂ verified by near-infrared saturated spectroscopy with kHz accuracy. Physical Chemistry Chemical Physics, 2020, 22, 2841-2848.	2.8	16
8	Saturated absorption spectroscopy near 1.57 μ m and revised rotational line list of 12C16O. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107717.	2.3	8
9	Cavity-enhanced saturated absorption spectroscopy of the (30012) \hat{a}^{\prime} (00001) band of 12C16O ₂ . Journal of Chemical Physics, 2022, 156, 044201.	3.0	8