Yiming Ding

List of Publications by Year
in descending order

12	187	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Line mixing study on the fundamental rovibrational band of nitric oxide near 5.3 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si41.svg"><mml:mrow><mml:mi mathvariant="normal">Î¼</mml:mi></mml:mrow></mml:math>m. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 278, 107997.	2.3	2
2	Shock tube/laser absorption measurements of the isomerization rates of allene and propyne. Combustion and Flame, 2022, 238, 111962.	5.2	2
3	Collisional broadening and pressure shift of the potassium resonance doublets by nitrogen, helium, and hydrogen at high temperatures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 283, 108149.	2.3	3
4	Shock tube measurements of high-temperature argon broadening and shift parameters for the potassium D1 and D2 resonance transitions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 275, 107895.	2.3	4
5	Sensitive and interference-immune formaldehyde diagnostic for high-temperature reacting gases using two-color laser absorption near 5.6ÂÂµm. Combustion and Flame, 2020, 213, 194-201.	5.2	13
6	Temperature-dependent absorption cross section measurements for propene, 1-butene, cis-/trans-2-butene, isobutene and 1,3-butadiene in the spectral region 8.4â€“11.7ÂÂµm. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107240.	2.3	10
7	Quantitative measurements of broad-band mid-infrared absorption spectra of formaldehyde, acetaldehyde, and acetone at combustion-relevant temperatures near 5.7ÂÂµm. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 248, 106981.	2.3	18
8	Dual-comb spectroscopy for high-temperature reaction kinetics. Measurement Science and Technology, 2020, 31, 055501.	2.6	43
9	Tunable laser-based detection of benzene using spectrally narrow absorption features. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	11
10	High-temperature mid-infrared absorption spectra of methanol (CH3OH) and ethanol (C2H5OH) between 930 and 1170â€¯cm-1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 224, 396-402.	2.3	21
11	A multi-wavelength speciation framework for high-temperature hydrocarbon pyrolysis. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 225, 180-205.	2.3	24
12	Measurement of the mid-infrared absorption spectra of ethylene (C2H4) and other molecules at high temperatures and pressures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 222-223, 122-129.	2.3	36