

Daniel D Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3431206/publications.pdf>

Version: 2024-02-01

10
papers

200
citations

1307594

7
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	MHz laser absorption spectroscopy via diplexed RF modulation for pressure, temperature, and species in rotating detonation rocket flows. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	2.2	59
2	Wavelength modulation spectroscopy near 5 μm for carbon monoxide sensing in a high-pressure kerosene-fueled liquid rocket combustor. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	30
3	Line mixing and broadening in the $\nu(1\hat{+}3)$ first overtone bandhead of carbon monoxide at high temperatures and high pressures. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 239, 106636.	2.3	30
4	Line mixing and broadening of carbon dioxide by argon in the ν_3 bandhead near 4.2 μm at high temperatures and high pressures. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 253, 107135.	2.3	22
5	Methane-oxygen rotating detonation exhaust thermodynamics with variable mixing, equivalence ratio, and mass flux. <i>Aerospace Science and Technology</i> , 2021, 113, 106683.	4.8	22
6	Cross-band infrared laser absorption of carbon monoxide for thermometry and species sensing in high-pressure rocket flows. <i>Applied Physics B: Lasers and Optics</i> , 2019, 125, 1.	2.2	16
7	Exploiting line-mixing effects for laser absorption spectroscopy at extreme combustion pressures. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 1685-1693.	3.9	11
8	Infrared laser absorption thermometry and CO sensing in high-pressure rocket combustion flows from 25 to 105 bar. , 2019, , .		7
9	MHz Mid-infrared Laser Absorption of CO and CO ₂ for Pressure, Temperature, and Species in Rotating Detonation Rocket Flows. , 2020, , .		2
10	Laser absorption of carbon dioxide at the vibrational bandhead near 4.2 μm in high-pressure rocket combustion environments. , 2020, , .		1