

Daniel D Lee

List of Publications by Year in descending order

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