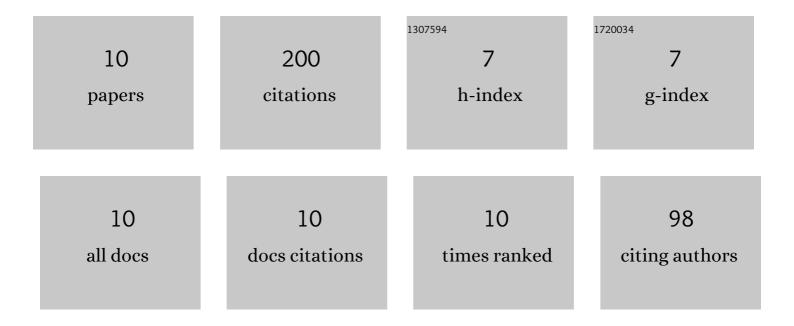
Daniel D Lee

List of Publications by Year in descending order

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DANIEL DIEE

#	Article	IF	CITATIONS
1	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
2	Wavelength modulation spectroscopy near 5Â\$\$upmu\$\$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
3	Line mixing and broadening in the v(1→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
4	Line mixing and broadening of carbon dioxide by argon in the v3 bandhead near 4.2µm at high temperatures and high pressures. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 253, 107135.	2.3	22
5	Methane-oxygen rotating detonation exhaust thermodynamics with variable mixing, equivalence ratio, and mass flux. Aerospace Science and Technology, 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. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	16
7	Exploiting line-mixing effects for laser absorption spectroscopy at extreme combustion pressures. Proceedings of the Combustion Institute, 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 4.2114m in high-pressure rocket combustion environments. , 2020, , .		1