

Xinliang An

List of Publications by Year in descending order

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papers

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1307594
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9
all docs

9
docs citations

9
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	High speed engine gas thermometry by Fourier-domain mode-locked laser absorption spectroscopy. Optics Express, 2007, 15, 15115.	3.4	131
2	Measurements of multiple gas parameters in a pulsed-detonation combustor using time-division-multiplexed Fourier-domain mode-locked lasers. Applied Optics, 2013, 52, 2893.	1.8	51
3	Determining the optimum wavelength pairs to use for molecular absorption thermometry based on the continuous-spectral lower-state energy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 2355-2362.	2.3	21
4	Quantifying the temperature sensitivity of practical spectra using a new spectroscopic quantity: Frequency-dependent lower-state energy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 779-785.	2.3	19
5	Demonstration of temperature imaging by H ₂ O absorption spectroscopy using compressed sensing tomography. Applied Optics, 2015, 54, 9190.	2.1	18
6	Simultaneous optimization method for absorption spectroscopy postprocessing. Applied Optics, 2015, 54, 4403.	1.8	13
7	Optimized Wavelength Selection for Molecular Absorption Thermometry. Applied Spectroscopy, 2015, 69, 464-472.	2.2	8
8	High-Bandwidth H ₂ O Absorption Sensor for Measuring Pressure, Enthalpy, and Mass Flux in a Pulsed-Detonation Combustor. , 2012, , .		6
9	Optimized Wavelength Selection for Molecular Absorption Thermometry. , 2012, , .		2