Ang Huang

List of Publications by Year
in descending order

12	212	1307594	1588992
papers	citations	7 h-index	8 g-index

12	12	12	147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sparse Zernike Fitting for Dynamic LAS Tomographic Images of Temperature and Water Vapor Concentration. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	7
2	A Interferometer modulated TDLAS Temperature Sensor by using Coherent Demodulation. , 2022, , .		1
3	Temperature Telemetry with Synchronous Distance Detection System based on CM-TDLAS. , 2022, , .		0
4	Noise Immune TDLAS Temperature Measurement Through Spectrum Shifting by Using a Machâ€“Zehnder Interferometer. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	9
5	An FPGA-Based On-Chip Neural Network for TDLAS Tomography in Dynamic Flames. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	15
6	A Compact Laser Absorption Spectroscopy Tomographic System With Short Spectral Scanning Time and Adjustable Frame Rate. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8226-8237.	4.7	24
7	A WMS Based TDLAS Tomographic System for Distribution Retrievals of Both Gas Concentration and Temperature in Dynamic Flames. IEEE Sensors Journal, 2020, 20, 4179-4188.	4.7	31
8	Frequency-Division Multiplexing and Main Peak Scanning WMS Method for TDLAS Tomography in Flame Monitoring. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9087-9096.	4.7	56
9	Fast wavelength modulated TDLAS imaging system for flame monitoring. , 2019, , .		2
10	A Multi-frequency WMS Method for Tunable Diode Laser Absorption Spectroscopy Tomography. , 2019, , .		0
11	Digital Recursive Demodulator Based on Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 3138-3147.	4.7	21
12	A High-Speed Digital Electrical Capacitance Tomography System Combining Digital Recursive Demodulation and Parallel Capacitance Measurement. IEEE Sensors Journal, 2017, 17, 6690-6698.	4.7	46