Ang Huang

List of Publications by Year
in descending order

		1307594	1588992
12 papers	**212** citations	**7** h-index	**8** g-index
12 all docs	**12** docs citations	**12** times ranked	**147** citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Digital Recursive Demodulator Based on Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 3138-3147.	4.7	21
6	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
7	Noise Immune TDLAS Temperature Measurement Through Spectrum Shifting by Using a Mach–Zehnder Interferometer. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	9
8	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
9	Fast wavelength modulated TDLAS imaging system for flame monitoring. , 2019, , .		2
10	A Interferometer modulated TDLAS Temperature Sensor by using Coherent Demodulation. , 2022, , .		1
11	A Multi-frequency WMS Method for Tunable Diode Laser Absorption Spectroscopy Tomography. , 2019, , .		0
12	Temperature Telemetry with Synchronous Distance Detection System based on CM-TDLAS. , 2022, , .		0