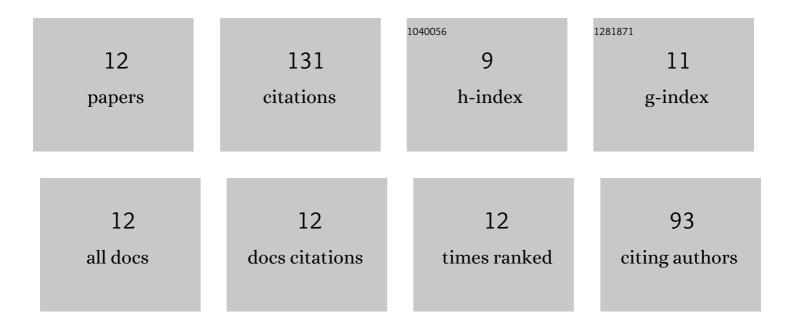
Jiachen Sun

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7685230/publications.pdf Version: 2024-02-01



INCHEN SUN

#	Article	IF	CITATIONS
1	Near-infrared methane sensor with neural network filtering. Sensors and Actuators B: Chemical, 2022, 354, 131207.	7.8	12
2	Adaptively Optimized Gas Analysis Model with Deep Learning for Near-Infrared Methane Sensors. Analytical Chemistry, 2022, 94, 2321-2332.	6.5	13
3	Improvement of the Detection Sensitivity for Tunable Diode Laser Absorption Spectroscopy: A Review. Frontiers in Physics, 2022, 10, .	2.1	19
4	Enhanced Raman Distributed Temperature Sensor Based on Self-Constructed Fully Connected Neural Network. IEEE Sensors Journal, 2022, 22, 15967-15973.	4.7	0
5	A novel wavelength modulation spectroscopy gas sensing technique with an ultra-compressed wavelength scanning bandwidth. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 280, 121561.	3.9	5
6	Application of TDM and FDM methods in TDLAS based multi-gas detection. Optical and Quantum Electronics, 2021, 53, 1.	3.3	11
7	Recovery integral absorbance method in the full concentration range to eliminate the interference of background gas. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 267, 120553.	3.9	2
8	Pptv-Level Intra-Cavity QEPAS Sensor for Acetylene Detection Using a High Power Q-Switched Fiber Laser. IEEE Sensors Journal, 2019, 19, 6181-6186.	4.7	11
9	A DFB-LD Internal Temperature Fluctuation Analysis in a TDLAS System for Gas Detection. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	15
10	Scanned-wavelength intra-cavity QEPAS sensor with injection seeding technique for C2H2 detection. Optics and Laser Technology, 2019, 120, 105751.	4.6	12
11	Tuning Efficiency of Distributed Feedback Laser Diode for Wavelength Modulation Spectroscopy. IEEE Sensors Journal, 2019, 19, 9722-9727.	4.7	10
12	QEPAS Sensor for Simultaneous Measurements of H ₂ 0, CH ₄ , and C ₂ H ₂ Using Different QTFs. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	21