

Yungang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

283
citations

933447

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1058476

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docs citations

15
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	An enhanced rolling bearing fault detection method combining sparse code shrinkage denoising with fast spectral correlation. <i>ISA Transactions</i> , 2020, 102, 335-346.	5.7	47
2	Optical sulfur dioxide sensor based on broadband absorption spectroscopy in the wavelength range of 198â€“222 nm. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 146-150.	7.8	37
3	Optical H ₂ S and SO ₂ sensor based on chemical conversion and partition differential optical absorption spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 120-125.	3.9	36
4	Identification and quantification of adulterated honey by Raman spectroscopy combined with convolutional neural network and chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121133.	3.9	30
5	Quantitative analysis of blended corn-olive oil based on Raman spectroscopy and one-dimensional convolutional neural network. <i>Food Chemistry</i> , 2022, 385, 132655.	8.2	23
6	Impact fault detection of gearbox based on variational mode decomposition and coupled underdamped stochastic resonance. <i>ISA Transactions</i> , 2019, 95, 320-329.	5.7	22
7	Stochastic resonance in cascaded monostable systems with double feedback and its application in rolling bearing fault feature extraction. <i>Nonlinear Dynamics</i> , 2021, 104, 971-988.	5.2	20
8	Study on the origin of linear deviation with the Beer-Lambert law in absorption spectroscopy by measuring sulfur dioxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 275, 121192.	3.9	16
9	Identification of olive oil in vegetable blend oil by one-dimensional convolutional neural network combined with Raman spectroscopy. <i>Journal of Food Composition and Analysis</i> , 2022, 108, 104396.	3.9	15
10	Broadband spectroscopic sensor for real-time monitoring of industrial SO ₂ emissions. <i>Applied Optics</i> , 2007, 46, 2503.	2.1	12
11	Surface plasmon resonance fiber optic biosensor-based graphene and photonic crystal. <i>Modern Physics Letters B</i> , 2018, 32, 1850072.	1.9	8
12	Highly-sensitive carbon disulfide on-line detection system based on deep ultraviolet absorption spectroscopy, and its application in liquid-seal reliability assessment. <i>Applied Optics</i> , 2018, 57, 6213.	1.8	8
13	System for simultaneous sensing of sulfur dioxide and carbon disulfide based on deep ultraviolet absorption spectroscopy. <i>Applied Optics</i> , 2019, 58, 3325.	1.8	6
14	Measurement of CS ₂ Absorption Cross-Sections in the 188â€“215â€“nm Region at Room Temperature and Atmospheric Pressure. <i>Applied Spectroscopy</i> , 2021, 75, 15-21.	2.2	3
15	Emission spectrum characteristics of SF ₆ plasma based on femtosecond laser-guided high-voltage discharge. <i>Applied Physics B: Lasers and Optics</i> , 2022, 128, 1.	2.2	0