

Pinyi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

159
citations

1478505

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1720034

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g-index

9
all docs

9
docs citations

9
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Multigas Analysis by Cavity-Enhanced Raman Spectroscopy for Power Transformer Diagnosis. Analytical Chemistry, 2020, 92, 5969-5977.	6.5	37
2	A review of cavity-enhanced Raman spectroscopy as a gas sensing method. Applied Spectroscopy Reviews, 2020, 55, 393-417.	6.7	34
3	Cavity-enhanced Raman spectroscopy with optical feedback frequency-locking for gas sensing. Optics Express, 2019, 27, 33312.	3.4	28
4	Fiber-enhanced Raman spectroscopy for highly sensitive H ₂ and SO ₂ sensing with a hollow-core anti-resonant fiber. Optics Express, 2021, 29, 32296.	3.4	26
5	Hazardous Gas Detection by Cavity-Enhanced Raman Spectroscopy for Environmental Safety Monitoring. Analytical Chemistry, 2021, 93, 15474-15481.	6.5	15
6	Vibrational Spectra and Molecular Vibrational Behaviors of Dibenzyl Disulfide, Dibenzyl Sulphide and Bibenzyl. International Journal of Molecular Sciences, 2022, 23, 1958.	4.1	8
7	Application of frequency-locking cavity-enhanced spectroscopy for highly sensitive gas sensing: a review. Applied Spectroscopy Reviews, 0, , 1-33.	6.7	7
8	Dense-pattern multi-pass cavity based on spherical mirrors in a Z-shaped configuration for Raman gas sensing. Optics Letters, 2022, 47, 2466.	3.3	4
9	Fiber-Enhanced Raman Spectroscopy for Simultaneous Detection of Fault Characteristic Gases Dissolved in Transformer Oil. , 2020, , .		0