

Guoqing Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chemical Vapor Deposition Growth of Vertical MoS ₂ Nanosheets on p-GaN Nanorods for Photodetector Application. ACS Applied Materials & Interfaces, 2019, 11, 8453-8460.	8.0	47
2	Highly Fluorescent Green Carbon Dots as a Fluorescent Probe for Detecting Mineral Water pH. Sensors, 2019, 19, 3801.	3.8	33
3	Analysis of High-Temperature Carrier Transport Mechanisms for High Al-Content Al _{0.6} Ga _{0.4} N MSM Photodetectors. IEEE Transactions on Electron Devices, 2020, 67, 160-165.	3.0	18
4	High-Performance Ballistic Quantum Transport of Sub-10 nm Monolayer GeS Field-Effect Transistors. ACS Applied Electronic Materials, 2021, 3, 1151-1161.	4.3	18
5	SERS Detection of Benzoic Acid in Milk by Using Ag-COF SERS Substrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 267, 120534.	3.9	13
6	Sensitive determination of Norfloxacin in milk based on β -cyclodextrin functionalized silver nanoparticles SERS substrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121212.	3.9	12
7	A Sensitive Surface-Enhanced Raman Spectroscopy Method for Detecting Tetracycline in Milk. Applied Spectroscopy, 2021, 75, 589-595.	2.2	11
8	Hydrated Hydroxide Complex Dominates the AIE Properties of Nonconjugated Polymeric Luminophores. Macromolecular Rapid Communications, 2022, 43, e2100720.	3.9	11
9	Year prediction and flavor classification of Chinese liquors based on fluorescence spectra. Measurement: Journal of the International Measurement Confederation, 2019, 134, 48-53.	5.0	10
10	Rapid Determination of Catechin Content in Black Tea by Fluorescence Spectroscopy. Journal of Spectroscopy, 2020, 2020, 1-8.	1.3	10
11	One-Step Synthesis of the Nitrogen and Sulfur Codoped Carbon Dots for Detection of Lead and Copper Ions in Aqueous Solution. Journal of Sensors, 2020, 2020, 1-8.	1.1	9
12	Ambipolar Self-Driving Polarized Photodetection. ACS Photonics, 2021, 8, 2459-2465.	6.6	8
13	Core-Shell Single Nanowire Photodetector with Radial Carrier Transport: an Opportunity to Break the Responsivity-Speed Tradeoff. Advanced Electronic Materials, 2021, 7, 2000920.	5.1	7
14	Flavor classification and year prediction of Chinese Baijiu by time-resolved fluorescence. Applied Optics, 2021, 60, 5480.	1.8	7
15	Urea detection in milk by urease-assisted pH-sensitive carbon dots. Applied Optics, 2021, 60, 10421.	1.8	7
16	Conformal Prediction Based on Raman Spectra for the Classification of Chinese Liquors. Applied Spectroscopy, 2019, 73, 759-766.	2.2	6
17	Raman spectroscopic analysis and fast identification of several saturated monohydroxy alcohols. Spectroscopy Letters, 2017, 50, 347-351.	1.0	5
18	Inflection point of the fluorescence excitation spectra induced by secondary inner filter effect. Spectroscopy Letters, 2018, 51, 319-323.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Using PDMS Plasma Cavity SERS Substrate for the Detection of Aspartame. <i>Journal of Spectroscopy</i> , 2020, 2020, 1-7.	1.3	5
20	Green Synthesis of Fluorescent Ag Nanoclusters for Detecting Cu ²⁺ Ions and Its "Switch-On" Sensing Application for GSH. <i>Journal of Spectroscopy</i> , 2021, 2021, 1-10.	1.3	5
21	Tailoring the Multiple Fano Resonances in Nanobelt Plasmonic Cluster. <i>Plasmonics</i> , 2017, 12, 1641-1647.	3.4	4
22	State-resolved quantum mechanical study of the intramolecular isotope effect in the C+ ⁺ + ⁻ HD reaction. <i>Chemical Physics Letters</i> , 2020, 755, 137783.	2.6	3
23	Rapidly Distinguish between Skim Milk and Whole Milk with the Time-Resolved Spectra of Multiple Scattering. <i>ACS Food Science & Technology</i> , 2021, 1, 388-391.	2.7	3
24	Detection of Melamine Based on the Fluorescence Changes of Nitrogen-Doped Carbon Dots. <i>Journal of Spectroscopy</i> , 2021, 2021, 1-9.	1.3	3
25	Highly Photoluminescent Carbon Dots with pH-Dependent Switchable Fluorescence and Sensitivity to Tetracycline. <i>Nano</i> , 2021, 16, 2150036.	1.0	2
26	A Lanthanide Complex Fluorescent Probe for the Detection of Melamine. <i>Applied Spectroscopy</i> , 2021, 75, 1312-1319.	2.2	2
27	A sensitive method for detecting sodium thiocyanate using AgNPs and MIL-101(Fe) combined as SERS substrate. <i>Vibrational Spectroscopy</i> , 2021, 117, 103311.	2.2	2
28	A theoretical study on intermolecular hydrogen bonds of isopropanol-water clusters. <i>Theoretical Chemistry Accounts</i> , 2022, 141, 1.	1.4	2
29	L-Cysteine Functionalized Al _{0.18} Ga _{0.82} N/GaN High Electron Mobility Transistor Sensor for Copper Ion Detection. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 3367-3372.	3.0	2
30	Simultaneous Determination of Azorubin and New Red by Synchronous Fluorescence Spectra Coupled with Radial Basis Function Neural Networks. <i>Spectroscopy Letters</i> , 2015, 48, 296-301.	1.0	1
31	Ultrafast photophysical properties of dimethyl amino styryl pyridine acetonitrile. <i>Chemical Physics Letters</i> , 2019, 728, 132-135.	2.6	1
32	3D fluorescence confocal microscopy of InGaN/GaN multiple quantum well nanorods from a light absorption perspective. <i>Nanoscale Advances</i> , 2021, 3, 2649-2656.	4.6	1
33	Photo-induced hydrogenation and rapid cooling measure on dislocation clusters of multi-crystalline silicon PERC solar cells. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	1.7	0