

Jianguang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

246
citations

1040056

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docs citations

24
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct desorption/ionization of analytes by microwave plasma torch for ambient mass spectrometric analysis. <i>Journal of Mass Spectrometry</i> , 2013, 48, 669-676.	1.6	52
2	Bioinspired Brochosomes as Broadband and Omnidirectional Surface-Enhanced Raman Scattering Substrates. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6484-6491.	4.6	35
3	One-pot synthesis of hollow hydrangea Au nanoparticles as a dual catalyst with SERS activity for <i>in situ</i> monitoring of a reduction reaction. <i>RSC Advances</i> , 2019, 9, 10314-10319.	3.6	23
4	Aligner-mediated cleavage of nucleic acids and its application to isothermal exponential amplification. <i>Chemical Science</i> , 2018, 9, 3050-3055.	7.4	19
5	Stepwise evolution of Au micro/nanocrystals from an octahedron into a truncated ditetragonal prism. <i>Chemical Communications</i> , 2018, 54, 3411-3414.	4.1	15
6	Controllable synthesis of Au nanocrystals with systematic shape evolution from an octahedron to a truncated ditetragonal prism and rhombic dodecahedron. <i>CrystEngComm</i> , 2019, 21, 5602-5609.	2.6	15
7	Surface-enhanced Raman spectroscopy integrated with aligner mediated cleavage strategy for ultrasensitive and selective detection of methamphetamine. <i>Analytica Chimica Acta</i> , 2021, 1146, 124-130.	5.4	15
8	Stepwise Evolution of AgCl Microcrystals from Octahedron into Hexapod with Mace Pods and their Visible Light Photocatalytic Activity. <i>Crystals</i> , 2019, 9, 401.	2.2	10
9	Preparation of Fluorescent Thiol Group-Functionalized Silica Microspheres for the Detection and Removal of Silver Ions in Aqueous Solutions. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 591-596.	1.4	9
10	Silver Nanoparticle Generators: Silicon Dioxide Microspheres. <i>Chemistry - A European Journal</i> , 2017, 23, 6244-6248.	3.3	7
11	Aligner-mediated cleavage-triggered exponential amplification for sensitive detection of nucleic acids. <i>Talanta</i> , 2018, 185, 141-145.	5.5	7
12	DNA action on the growth and habit modification of NaCl crystals. <i>CrystEngComm</i> , 2017, 19, 5356-5360.	2.6	6
13	Dual ambient plasma source ionization mass spectrometry for the rapid detection of trace sterols in urban water. <i>Journal of Mass Spectrometry</i> , 2022, 57, e4809.	1.6	6
14	TESN: Transformers enhanced segmentation network for accurate nanoparticle size measurement of TEM images. <i>Powder Technology</i> , 2022, 407, 117673.	4.2	6
15	A new self-passivating template with the phosphorothioate strategy to effectively improve the detection limit and applicability of exponential amplification reaction. <i>Analytical Methods</i> , 2021, 13, 3947-3953.	2.7	5
16	An Adversarial Learning Approach for Super-Resolution Enhancement Based on AgCl@Ag Nanoparticles in Scanning Electron Microscopy Images. <i>Nanomaterials</i> , 2021, 11, 3305.	4.1	4
17	A novel steric effect-regulated isothermal exponential amplification technology for the one-step homogeneous sensing of proteins. <i>Analyst</i> , 2018, 143, 829-832.	3.5	3
18	Aligner mediated cleavage of nucleic acids for site-specific detection of single base mismatch. <i>Talanta</i> , 2019, 201, 358-363.	5.5	3

#	ARTICLE	IF	CITATIONS
19	A Novel Integrated APCI and MPT Ionization Technique as Online Sensor for Trace Pesticides Detection. <i>Sensors</i> , 2022, 22, 1816.	3.8	3
20	Low-Content Quantitation in Entecavir Tablets Using 1064nm Raman Spectroscopy. <i>Journal of Spectroscopy</i> , 2020, 2020, 1-11.	1.3	2
21	Preparation of CdTe nanocrystals doped fluorescent silica spheres by sol-gel method and their surface modification via thiol-ene chemistry. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 327-332.	2.6	1
22	Layered Crystal Structural Entecavir Monohydrate: Prepared in Pure Water and Calculated by DFT. <i>Crystal Research and Technology</i> , 2020, 55, 2000007.	1.3	0
23	Effect of iodine ions concentration on the growth of AgCl nanocrystals with {433} high-index facets for rapid degradation of K ₂ Cr ₂ O ₇ . <i>Journal of Materials Research</i> , 0, , .	2.6	0