Jianguang Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3783211/publications.pdf

Version: 2024-02-01

23	246	1040056 9	996975 15
papers	citations	h-index	g-index

24	24	24	261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dual ambient plasma source ionization mass spectrometry for the rapid detection of trace sterols in urban water. Journal of Mass Spectrometry, 2022, 57, e4809.	1.6	6
2	A Novel Integrated APCI and MPT Ionization Technique as Online Sensor for Trace Pesticides Detection. Sensors, 2022, 22, 1816.	3.8	3
3	TESN: Transformers enhanced segmentation network for accurate nanoparticle size measurement of TEM images. Powder Technology, 2022, 407, 117673.	4.2	6
4	A new self-passivating template with the phosphorothioate strategy to effectively improve the detection limit and applicability of exponential amplification reaction. Analytical Methods, 2021, 13, 3947-3953.	2.7	5
5	Surface-enhanced Raman spectroscopy integrated with aligner mediated cleavage strategy for ultrasensitive and selective detection of methamphetamine. Analytica Chimica Acta, 2021, 1146, 124-130.	5.4	15
6	An Adversarial Learning Approach for Super-Resolution Enhancement Based on AgCl@Ag Nanoparticles in Scanning Electron Microscopy Images. Nanomaterials, 2021, 11, 3305.	4.1	4
7	Low-Content Quantitation in Entecavir Tablets Using 1064â€‰nm Raman Spectroscopy. Journal of Spectroscopy, 2020, 2020, 1-11.	1.3	2
8	Layered Crystal Structural Entecavir Monohydrate: Prepared in Pure Water and Calculated by DFT. Crystal Research and Technology, 2020, 55, 2000007.	1.3	0
9	Controllable synthesis of Au nanocrystals with systematic shape evolution from an octahedron to a truncated ditetragonal prism and rhombic dodecahedron. CrystEngComm, 2019, 21, 5602-5609.	2.6	15
10	Stepwise Evolution of AgCl Microcrystals from Octahedron into Hexapod with Mace Pods and their Visible Light Photocatalytic Activity. Crystals, 2019, 9, 401.	2.2	10
11	Bioinspired Brochosomes as Broadband and Omnidirectional Surface-Enhanced Raman Scattering Substrates. Journal of Physical Chemistry Letters, 2019, 10, 6484-6491.	4.6	35
12	One-pot synthesis of hollow hydrangea Au nanoparticles as a dual catalyst with SERS activity for in situ monitoring of a reduction reaction. RSC Advances, 2019, 9, 10314-10319.	3.6	23
13	Aligner mediated cleavage of nucleic acids for site-specific detection of single base mismatch. Talanta, 2019, 201, 358-363.	5.5	3
14	Aligner-mediated cleavage of nucleic acids and its application to isothermal exponential amplification. Chemical Science, 2018, 9, 3050-3055.	7.4	19
15	A novel steric effect-regulated isothermal exponential amplification technology for the one-step homogeneous sensing of proteins. Analyst, The, 2018, 143, 829-832.	3.5	3
16	Preparation of Fluorescent Thiol Groupâ€Functionalized Silica Microspheres for the Detection and Removal of Silver Ions in Aqueous Solutions. Journal of the Chinese Chemical Society, 2018, 65, 591-596.	1.4	9
17	Aligner-mediated cleavage-triggered exponential amplification for sensitive detection of nucleic acids. Talanta, 2018, 185, 141-145.	5.5	7
18	Stepwise evolution of Au micro/nanocrystals from an octahedron into a truncated ditetragonal prism. Chemical Communications, 2018, 54, 3411-3414.	4.1	15

#	Article	IF	Citations
19	Silver Nanoparticle Generators: Silicon Dioxide Microspheres. Chemistry - A European Journal, 2017, 23, 6244-6248.	3.3	7
20	Preparation of CdTe nanocrystals doped fluorescent silica spheres by sol-gel method and their surface modification via thiol-ene chemistry. Chemical Research in Chinese Universities, 2017, 33, 327-332.	2.6	1
21	DNA action on the growth and habit modification of NaCl crystals. CrystEngComm, 2017, 19, 5356-5360.	2.6	6
22	Direct desorption/ionization of analytes by microwave plasma torch for ambient mass spectrometric analysis. Journal of Mass Spectrometry, 2013, 48, 669-676.	1.6	52
23	Effect of iodine ions concentration on the growth of AgCl nanocrystals with {433} high-index facets for rapid degradation of K2Cr2O7. Journal of Materials Research, 0, , .	2.6	0