

Kunping Liu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,901
citations

535685

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docs citations

29
times ranked

3385
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple and sensitive nitric oxide biosensor based on the electrocatalysis of horseradish peroxidase on AuNPs@metal-organic framework composite-modified electrode. <i>Mikrochimica Acta</i> , 2022, 189, 162.	2.5	7
2	Specific and Sensitive Detection of Tartrazine on the Electrochemical Interface of a Molecularly Imprinted Polydopamine-Coated PtCo Nanoalloy on Graphene Oxide. <i>Biosensors</i> , 2022, 12, 326.	2.3	7
3	A dual enhanced anti-bacterial strategy based on high chlorin e6-loaded polyethyleneimine functionalized graphene. <i>RSC Advances</i> , 2021, 11, 739-744.	1.7	5
4	A capillary-based SERS sensor for ultrasensitive and selective detection of Hg ²⁺ by amalgamation with Au@4-MBA@Ag core-shell nanoparticles. <i>Mikrochimica Acta</i> , 2021, 188, 354.	2.5	12
5	A facile one-pot synthesis of polyethyleneimine functionalized graphene for the highly-sensitive and selective electrochemical impedance aptasensing of kanamycin in serum. <i>Analytical Methods</i> , 2020, 12, 132-140.	1.3	11
6	Fiber optic biosensor for detection of genetically modified food based on catalytic hairpin assembly reaction and nanocomposites assisted signal amplification. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 956-965.	4.0	32
7	Amperometric sensing of hydroquinone using a glassy carbon electrode modified with a composite consisting of graphene and molybdenum disulfide. <i>Mikrochimica Acta</i> , 2017, 184, 4803-4808.	2.5	20
8	In situ targeting TEM8 via immune response and polypeptide recognition by wavelength-modulated surface plasmon resonance biosensor. <i>Scientific Reports</i> , 2016, 6, 20006.	1.6	10
9	Ultra-trace metallic element detection in liquid samples using laser induced breakdown spectroscopy based on matrix conversion and crosslinked PVA polymer membrane. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1622-1630.	1.6	34
10	Fiber Optic Surface Plasmon Resonance-Based Biosensor Technique: Fabrication, Advancement, and Application. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 213-223.	1.8	78
11	Dehydrated Carbon Coupled with Laser-Induced Breakdown Spectrometry (LIBS) for the Determination of Heavy Metals in Solutions. <i>Applied Spectroscopy</i> , 2015, 69, 1190-1198.	1.2	13
12	Preparation and tumor cell model based biobehavioral evaluation of the nanocarrier system using partially reduced graphene oxide functionalized by surfactant. <i>International Journal of Nanomedicine</i> , 2015, 10, 4605.	3.3	11
13	A facile one-pot synthesis of starch functionalized graphene as nano-carrier for pH sensitive and starch-mediated drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 86-93.	2.5	61
14	Novel Signal-Enhancing Immunoassay for Ultrasensitive Biomarker Detection Based on Laser-Induced Fluorescence. <i>Analytical Chemistry</i> , 2015, 87, 2959-2965.	3.2	31
15	Plasma enhanced label-free immunoassay for alpha-fetoprotein based on a U-bend fiber-optic LSPR biosensor. <i>RSC Advances</i> , 2015, 5, 23990-23998.	1.7	51
16	Adsorption and removal of rhodamine B from aqueous solution by tannic acid functionalized graphene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 477, 35-41.	2.3	122
17	Laser-induced breakdown spectroscopy for solution sample analysis using porous electrospun ultrafine fibers as a solid-phase support. <i>RSC Advances</i> , 2014, 4, 14392.	1.7	44
18	Angular-based spatially resolved laser-induced breakdown spectroscopy: a new technique for the effective enhancement of signals without an external time delay system. <i>Science Bulletin</i> , 2014, 59, 3377-3384.	1.7	6

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19	Plasma-Enhanced Antibody Immobilization for the Development of a Capillary-Based Carcinoembryonic Antigen Immunosensor Using Laser-Induced Fluorescence Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 4578-4585.	3.2	40
20	Laser-induced fluorescence: Progress and prospective for in vivo cancer diagnosis. <i>Science Bulletin</i> , 2013, 58, 2003-2016.	1.7	24
21	Direct electrochemistry of hemoglobin based on nano-composite film of gold nanoparticles and poly (diallyldimethylammonium chloride) functionalized graphene. <i>Electrochimica Acta</i> , 2012, 60, 304-308.	2.6	71
22	Green and facile synthesis of highly biocompatible graphene nanosheets and its application for cellular imaging and drug delivery. <i>Journal of Materials Chemistry</i> , 2011, 21, 12034.	6.7	389
23	Graphene-assisted dual amplification strategy for the fabrication of sensitive amperometric immunosensor. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3627-3632.	5.3	117
24	Fabrication of Graphene-Quantum Dots Composites for Sensitive Electrogenerated Chemiluminescence Immunosensing. <i>Advanced Functional Materials</i> , 2011, 21, 869-878.	7.8	303
25	Sensitive detection of rutin based on β -cyclodextrin@chemically reduced graphene/Nafion composite film. <i>Electrochimica Acta</i> , 2011, 56, 5189-5194.	2.6	81
26	Direct electrochemistry and electrocatalysis of hemoglobin based on poly(diallyldimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Electrochemistry Communications, 2010, 12, 402-405.	2.3	291
27	Rapid toxicity prediction of organic chemicals to <i>Chlorella vulgaris</i> using quantitative structure-activity relationships methods. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 787-794.	2.9	16
28	Quantitative Structure-Activity Relationship Modeling of Triaminotriazine Drugs Based on Heuristic Method. <i>QSAR and Combinatorial Science</i> , 2008, 27, 425-431.	1.5	8
29	Review of QSPR Modeling of Mobilities of Peptides in Capillary Zone Electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 1808-1822.	0.5	6