

Lu Lu

List of Publications by Year in descending order

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33
papers

762
citations

471509

17
h-index

526287

27
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33
all docs

33
docs citations

33
times ranked

1043
citing authors

#	ARTICLE	IF	CITATIONS
1	Pickering emulsions stabilized by β -cyclodextrin and cinnamaldehyde essential oil/ β -cyclodextrin composite: A comparison study. <i>Food Chemistry</i> , 2022, 377, 131995.	8.2	34
2	A high-conductive, anti-freezing, antibacterial and anti-swelling starch-based physical hydrogel for multifunctional flexible wearable sensors. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 791-803.	7.5	28
3	New insights into the role of co-receptor neuropilins in tumour angiogenesis and lymphangiogenesis and targeted therapy strategies. <i>Journal of Drug Targeting</i> , 2021, 29, 155-167.	4.4	20
4	Effects of ultrasonication on the properties of maize starch/stearic acid/ sodium carboxymethyl cellulose composite film. <i>Ultrasonics Sonochemistry</i> , 2021, 72, 105447.	8.2	35
5	Design and screening of a novel neuropilin-1 targeted penetrating peptide for anti-angiogenic therapy in glioma. <i>Life Sciences</i> , 2021, 270, 119113.	4.3	6
6	Comparative study on phase transition and morphology of starch from maize and potato in ionic liquid/water mixtures: Effects of the different ratio. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 911-920.	7.5	9
7	&p>A Dual Receptor Targeting- and BBB Penetrating- Peptide Functionalized Polyethyleneimine Nanocomplex for Secretory Endostatin Gene Delivery to Malignant Glioma&p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8875-8892.	6.7	24
8	CdWO ₄ :Eu ³⁺ Nanostructures for Luminescent Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 7095-7102.	5.0	12
9	Nanoporous noble metal-based alloys: a review on synthesis and applications to electrocatalysis and electrochemical sensing. <i>Mikrochimica Acta</i> , 2019, 186, 664.	5.0	53
10	The functions and applications of A7R in anti-angiogenic therapy, imaging and drug delivery systems. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 595-608.	9.1	19
11	Highly sensitive detection of nitrite at a novel electrochemical sensor based on mutually stabilized Pt nanoclusters doped CoO nanohybrid. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 182-190.	7.8	75
12	A general soft-enveloping strategy in the templating synthesis of mesoporous metal nanostructures. <i>Nature Communications</i> , 2018, 9, 521.	12.8	94
13	Amperometric nonenzymatic sensing of glucose at very low working potential by using a nanoporous PdAuNi ternary alloy. <i>Mikrochimica Acta</i> , 2018, 185, 111.	5.0	21
14	Recent advances in synthesis of three-dimensional porous graphene and its applications in construction of electrochemical (bio)sensors for small biomolecules detection. <i>Biosensors and Bioelectronics</i> , 2018, 110, 180-192.	10.1	65
15	Curdlan sulfate–&em>O-linked quaternized chitosan nanoparticles: potential adjuvants to improve the immunogenicity of exogenous antigens via intranasal vaccination. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2377-2394.	6.7	37
16	Study on the extraction mechanism and thermodynamics of Pb(II) with a o-phenylenediamine tetraacetic acid. <i>Russian Journal of Non-Ferrous Metals</i> , 2017, 58, 351-356.	0.6	0
17	Chiral separation and quantitative analysis of citalopram by modified capillary electrophoresis. <i>Mendeleev Communications</i> , 2016, 26, 166-168.	1.6	6
18	Oxidation and adsorption of gas-phase Hg ₀ over a V ₂ O ₅ /AC catalyst. <i>RSC Advances</i> , 2016, 6, 77553-77557.	3.6	7

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19	Modified Capillary Electrophoresis for Highly Sensitive and Selective Detection of Hg ²⁺ in Natural Water. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 417-423.	1.4	2
20	Porous graphene containing immobilized Ru(II) tris-bipyridyl for use in electrochemiluminescence sensing of tripropylamine. <i>Mikrochimica Acta</i> , 2016, 183, 1211-1217.	5.0	8
21	A facile method to prepare porous graphene with tunable structure as electrode materials for immobilization of glucose oxidase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 502, 26-33.	4.7	9
22	Green and facile preparation of self-supporting nanoporous gold electrode and effect of ionic liquids on its electrocatalytic oxidation toward glucose. <i>Journal of Porous Materials</i> , 2016, 23, 671-678.	2.6	7
23	Tunable negative permittivity based on phenolic resin and multi-walled carbon nanotubes. <i>RSC Advances</i> , 2015, 5, 16618-16621.	3.6	22
24	Facile method for fabrication of self-supporting nanoporous gold electrodes via cyclic voltammetry in ethylene glycol, and their application to the electrooxidative determination of catechol. <i>Mikrochimica Acta</i> , 2015, 182, 1509-1517.	5.0	19
25	Direct electrochemistry and bioelectrocatalysis of horseradish peroxidase entrapped in a self-supporting nanoporous gold electrode: a new strategy to improve the orientation of immobilized enzymes. <i>Analytical Methods</i> , 2015, 7, 6686-6694.	2.7	14
26	Fabrication of three-dimensional porous graphene–manganese dioxide composites as electrode materials for supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 465, 32-38.	4.7	36
27	Direct Electrochemistry of Horseradish Peroxidase Immobilized in a Low Molecular Weight Gel. <i>Chinese Journal of Chemistry</i> , 2014, 32, 263-268.	4.9	2
28	Fabrication of luminescent and macroporous Y ₂ O ₃ :Eu ³⁺ -coated silica monoliths via freeze drying. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 481-488.	4.7	5
29	Three dimensional porous graphene–chitosan composites from ice-induced assembly for direct electron transfer and electrocatalysis of glucose oxidase. <i>RSC Advances</i> , 2014, 4, 38273.	3.6	27
30	Improvement of carbon paste-based enzyme electrode using a new ionic liquid [Pmim][PF ₆] as the binder. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3299-3305.	2.5	8
31	A Bioelectrochemical Method for the Quantitative Description of the Hofmeister Effect of Ionic Liquids in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11075-11080.	2.6	18
32	Room temperature electrochemical synthesis of CuO flower-like microspheres and their electrooxidative activity towards hydrogen peroxide. <i>Mikrochimica Acta</i> , 2011, 175, 151-157.	5.0	19
33	Effect of the structure of imidazolium cations in [BF ₄] ⁻ -type ionic liquids on direct electrochemistry and electrocatalysis of horseradish peroxidase in Nafion films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 61-66.	5.0	21