

# Lu Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

762  
citations

471509

17  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1043  
citing authors

#	ARTICLE	IF	CITATIONS
1	A general soft-enveloping strategy in the templating synthesis of mesoporous metal nanostructures. <i>Nature Communications</i> , 2018, 9, 521.	12.8	94
2	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
3	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
4	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
5	Curdlan sulfate&ndash;&lt;em>O</em>-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
6	Fabrication of three-dimensional porous graphene&acirc;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
7	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
8	Pickering emulsions stabilized by $\beta$ -cyclodextrin and cinnamaldehyde essential oil/ $\beta$ -cyclodextrin composite: A comparison study. <i>Food Chemistry</i> , 2022, 377, 131995.	8.2	34
9	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
10	Three dimensional porous graphene&acirc;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
11	&p&gt;A Dual Receptor Targeting- and BBB Penetrating- Peptide Functionalized Polyethyleneimine Nanocomplex for Secretory Endostatin Gene Delivery to Malignant Glioma&lt;p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8875-8892.	6.7	24
12	Tunable negative permittivity based on phenolic resin and multi-walled carbon nanotubes. <i>RSC Advances</i> , 2015, 5, 16618-16621.	3.6	22
13	Effect of the structure of imidazolium cations in [BF <sub>4</sub> ] <sup>-</sup> -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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	CdWO <sub>4</sub> :Eu <sup>3+</sup> Nanostructures for Luminescent Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 7095-7102.	5.0	12
22	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
23	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
24	Improvement of carbon paste-based enzyme electrode using a new ionic liquid [Pmim][PF <sub>6</sub> ] as the binder. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3299-3305.	2.5	8
25	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
26	Oxidation and adsorption of gas-phase Hg <sup>0</sup> over a V <sub>2</sub> O <sub>5</sub> /AC catalyst. <i>RSC Advances</i> , 2016, 6, 77553-77557.	3.6	7
27	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
28	Chiral separation and quantitative analysis of citalopram by modified capillary electrophoresis. <i>Mendeleev Communications</i> , 2016, 26, 166-168.	1.6	6
29	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
30	Fabrication of luminescent and macroporous Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> -coated silica monoliths via freeze drying. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 481-488.	4.7	5
31	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
32	Modified Capillary Electrophoresis for Highly Sensitive and Selective Detection of Hg <sup>2+</sup> in Natural Water. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 417-423.	1.4	2
33	Study on the extraction mechanism and thermodynamics of Pb(II) with a o-phenyldiamine tetraacetic acid. <i>Russian Journal of Non-Ferrous Metals</i> , 2017, 58, 351-356.	0.6	0