

Limin Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

923
citations

11
h-index

28
g-index

28
ext. papers

1,039
ext. citations

5.2
avg, IF

4.01
L-index

#	Paper	IF	Citations
28	A colorimetric aptasensing assay with adjustable color mutation points for threshold-readout detection of carcinoembryonic antigen. <i>Sensors and Actuators B: Chemical</i> , 2022 , 350, 130857	8.5	3
27	A syringe-aided apta-nanosensing method for colorimetric determination of acetamiprid. <i>Analytica Chimica Acta</i> , 2021 , 1150, 238118	6.6	3
26	Enhanced Artificial Enzyme Activities on the Reconstructed Sawtoothlike Nanofacets of Pure and Pr-Doped Ceria Nanocubes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38061-38073	9.5	0
25	Photocatalytically renewable peptide-based electrochemical impedance method for sensing lipopolysaccharide. <i>Mikrochimica Acta</i> , 2020 , 187, 349	5.8	4
24	From DNA to Nerve Agents The Biomimetic Catalysts for the Hydrolysis of Phosphate Esters. <i>ChemistrySelect</i> , 2020 , 5, 9492-9516	1.8	7
23	An enzyme inhibition-based lab-in-a-syringe device for point-of-need determination of pesticides. <i>Analyst, The</i> , 2020 , 145, 3958-3966	5	4
22	An aptamer based aggregation assay for the neonicotinoid insecticide acetamiprid using fluorescent upconversion nanoparticles and DNA functionalized gold nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 308	5.8	23
21	Selective oxidation of glycerol on morphology controlled ceria nanomaterials. <i>Catalysis Science and Technology</i> , 2019 , 9, 2328-2334	5.5	17
20	Determination of Organophosphorus Pesticides in Fortified Tomatoes by Fluorescence Quenching of Cadmium Selenium Zinc Sulfide Quantum Dots. <i>Analytical Letters</i> , 2019 , 52, 729-744	2.2	6
19	A non-enzymatic nanoceria electrode for non-invasive glucose monitoring. <i>Analytical Methods</i> , 2018 , 10, 2151-2159	3.2	16
18	Fabrication of two-dimensional (2D) ordered microsphere aligned by supramolecular self-assembly of Formyl-azobenzene and dipeptide. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 491-495	9.3	8
17	Molecular weight impact on the mechanical forces between hyaluronan and its receptor. <i>Carbohydrate Polymers</i> , 2018 , 197, 326-336	10.3	10
16	The Impact of Ionic Liquid and Nanoparticles on Stabilizing Foam for Enhanced Oil Recovery. <i>ChemistrySelect</i> , 2018 , 3, 12461-12468	1.8	3
15	Double-decrease of the fluorescence of CdSe/ZnS quantum dots for the detection of zinc(II) dimethyldithiocarbamate (ziram) based on its interaction with gold nanoparticles. <i>Mikrochimica Acta</i> , 2018 , 185, 472	5.8	16
14	Improved Oxidase Mimetic Activity by Praseodymium Incorporation into Ceria Nanocubes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18595-18608	9.5	48
13	HyaluronanTyrosineGold nanoparticles as an enzyme-free colorimetric probe for the detection of phosphorothiolate pesticides. <i>Analytical Methods</i> , 2017 , 9, 6139-6147	3.2	8
12	Swelling induced regeneration of TiO ₂ -impregnated chitosan adsorbents under visible light. <i>Carbohydrate Polymers</i> , 2016 , 140, 433-41	10.3	11

11	Interactions of hyaluronan grafted on protein surfaces studied using a quartz crystal microbalance and a surface force balance. <i>Soft Matter</i> , 2015 , 11, 7276-87	3.6	3
10	Properties of multi-phase foam and its flow behavior in porous media. <i>RSC Advances</i> , 2015 , 5, 67676-67689	3.7	22
9	Conversion of inhibition biosensing to substrate-like biosensing for quinalphos selective detection. <i>Analytical Chemistry</i> , 2015 , 87, 5270-7	7.8	15
8	Fabrication of ten-fold photonic quasicrystalline structures. <i>AIP Advances</i> , 2015 , 5, 057108	1.5	4
7	Utilization of Surfactant-Stabilized Foam for Enhanced Oil Recovery by Adding Nanoparticles. <i>Energy & Fuels</i> , 2014 , 28, 2384-2394	4.1	238
6	Real-time analysis of porphyrin J-aggregation on a plant-esterase-functionalized surface using quartz crystal microbalance with dissipation monitoring. <i>Langmuir</i> , 2014 , 30, 9962-71	4	4
5	Role of tryptophan in the active site of plant esterase: chemical modification and fluorometric studies. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 170, 909-24	3.2	5
4	Interactions of hyaluronan layers with similarly charged surfaces: the effect of divalent cations. <i>Langmuir</i> , 2013 , 29, 12194-202	4	6
3	Monitoring the adulteration of milk with melamine: a visualised sensor array approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013 , 30, 786-95	3.2	11
2	Lysozyme-stabilized gold fluorescent cluster: Synthesis and application as Hg(2+) sensor. <i>Analyst</i> , 2010 , 135, 1406-10	5	386
1	Purification of plant-esterase in PEG1000/NaH ₂ PO ₄ aqueous two-phase system by a two-step extraction. <i>Process Biochemistry</i> , 2010 , 45, 1664-1671	4.8	42