

Limin Yang

List of Publications by Year in descending order

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28
papers

1,145
citations

687220

13
h-index

501076

28
g-index

28
all docs

28
docs citations

28
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.0	10
2	A syringe-aided apta-nanosensing method for colorimetric determination of acetamiprid. <i>Analytica Chimica Acta</i> , 2021, 1150, 238118.	2.6	7
3	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.	4.0	13
4	From DNA to Nerve Agents – The Biomimetic Catalysts for the Hydrolysis of Phosphate Esters. <i>ChemistrySelect</i> , 2020, 5, 9492-9516.	0.7	16
5	Photocatalytically renewable peptide-based electrochemical impedance method for sensing lipopolysaccharide. <i>Mikrochimica Acta</i> , 2020, 187, 349.	2.5	4
6	An enzyme inhibition-based lab-in-a-syringe device for point-of-need determination of pesticides. <i>Analyst</i> , The, 2020, 145, 3958-3966.	1.7	7
7	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.	2.5	50
8	Selective oxidation of glycerol on morphology controlled ceria nanomaterials. <i>Catalysis Science and Technology</i> , 2019, 9, 2328-2334.	2.1	21
9	Determination of Organophosphorus Pesticides in Fortified Tomatoes by Fluorescence Quenching of Cadmium Selenide – Zinc Sulfide Quantum Dots. <i>Analytical Letters</i> , 2019, 52, 729-744.	1.0	15
10	A non-enzymatic nanoceria electrode for non-invasive glucose monitoring. <i>Analytical Methods</i> , 2018, 10, 2151-2159.	1.3	21
11	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.	5.0	9
12	The Impact of Ionic Liquid and Nanoparticles on Stabilizing Foam for Enhanced Oil Recovery. <i>ChemistrySelect</i> , 2018, 3, 12461-12468.	0.7	5
13	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.	2.5	21
14	Molecular weight impact on the mechanical forces between hyaluronan and its receptor. <i>Carbohydrate Polymers</i> , 2018, 197, 326-336.	5.1	15
15	Improved Oxidase Mimetic Activity by Praseodymium Incorporation into Ceria Nanocubes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18595-18608.	4.0	71
16	Hyaluronan-tyrosine-gold nanoparticles as an enzyme-free colorimetric probe for the detection of phosphorothiolate pesticides. <i>Analytical Methods</i> , 2017, 9, 6139-6147.	1.3	9
17	Swelling induced regeneration of TiO ₂ -impregnated chitosan adsorbents under visible light. <i>Carbohydrate Polymers</i> , 2016, 140, 433-441.	5.1	13
18	Fabrication of ten-fold photonic quasicrystalline structures. <i>AIP Advances</i> , 2015, 5, 057108.	0.6	6

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19	Interactions of hyaluronan grafted on protein surfaces studied using a quartz crystal microbalance and a surface force balance. <i>Soft Matter</i> , 2015, 11, 7276-7287.	1.2	3
20	Properties of multi-phase foam and its flow behavior in porous media. <i>RSC Advances</i> , 2015, 5, 67676-67689.	1.7	27
21	Conversion of Inhibition Biosensing to Substrate-Like Biosensing for Quinalphos Selective Detection. <i>Analytical Chemistry</i> , 2015, 87, 5270-5277.	3.2	18
22	Utilization of Surfactant-Stabilized Foam for Enhanced Oil Recovery by Adding Nanoparticles. <i>Energy & Fuels</i> , 2014, 28, 2384-2394.	2.5	302
23	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, 9962-9971.	1.6	4
24	Role of Tryptophan in the Active Site of Plant Esterase: Chemical Modification and Fluorometric Studies. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 909-924.	1.4	5
25	Interactions of Hyaluronan Layers with Similarly Charged Surfaces: The Effect of Divalent Cations. <i>Langmuir</i> , 2013, 29, 12194-12202.	1.6	7
26	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, 786-795.	1.1	12
27	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.	1.8	49
28	Lysozyme-stabilized gold fluorescent cluster: Synthesis and application as Hg ²⁺ sensor. <i>Analyst</i> , The, 2010, 135, 1406.	1.7	405