Limin Yang

List of Publications by Year
in descending order

28	1,145	687363 13	501196 28
papers	citations	h-index	g-index

28	28	28	1756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lysozyme-stabilized gold fluorescent cluster: Synthesis and application as Hg2+ sensor. Analyst, The, 2010, 135, 1406.	3.5	405
2	Utilization of Surfactant-Stabilized Foam for Enhanced Oil Recovery by Adding Nanoparticles. Energy & Fuels, 2014, 28, 2384-2394.	5.1	302
3	Improved Oxidase Mimetic Activity by Praseodymium Incorporation into Ceria Nanocubes. ACS Applied Materials & Interfaces, 2017, 9, 18595-18608.	8.0	71
4	An aptamer based aggregation assay for the neonicotinoid insecticide acetamiprid using fluorescent upconversion nanoparticles and DNA functionalized gold nanoparticles. Mikrochimica Acta, 2019, 186, 308.	5.0	50
5	Purification of plant-esterase in PEG1000/NaH2PO4 aqueous two-phase system by a two-step extraction. Process Biochemistry, 2010, 45, 1664-1671.	3.7	49
6	Properties of multi-phase foam and its flow behavior in porous media. RSC Advances, 2015, 5, 67676-67689.	3.6	27
7	A non-enzymatic nanoceria electrode for non-invasive glucose monitoring. Analytical Methods, 2018, 10, 2151-2159.	2.7	21
8	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. Mikrochimica Acta, 2018, 185, 472.	5.0	21
9	Selective oxidation of glycerol on morphology controlled ceria nanomaterials. Catalysis Science and Technology, 2019, 9, 2328-2334.	4.1	21
10	Conversion of Inhibition Biosensing to Substrate-Like Biosensing for Quinalphos Selective Detection. Analytical Chemistry, 2015, 87, 5270-5277.	6.5	18
11	From DNA to Nerve Agents â€“ The Biomimetic Catalysts for the Hydrolysis of Phosphate Esters. ChemistrySelect, 2020, 5, 9492-9516.	1.5	16
12	Molecular weight impact on the mechanical forces between hyaluronan and its receptor. Carbohydrate Polymers, 2018, 197, 326-336.	10.2	15
13	Determination of Organophosphorus Pesticides in Fortified Tomatoes by Fluorescence Quenching of Cadmium Selenium â€“ Zinc Sulfide Quantum Dots. Analytical Letters, 2019, 52, 729-744.	1.8	15
14	Swelling induced regeneration of TiO 2 -impregnated chitosan adsorbents under visible light. Carbohydrate Polymers, 2016, 140, 433-441.	10.2	13
15	Enhanced Artificial Enzyme Activities on the Reconstructed Sawtoothlike Nanofacets of Pure and Pr-Doped Ceria Nanocubes. ACS Applied Materials & Interfaces, 2021, 13, 38061-38073.	8.0	13
16	Monitoring the adulteration of milk with melamine: a visualised sensor array approach. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 786-795.	2.3	12
17	A colorimetric aptasensing assay with adjustable color mutation points for threshold-readout detection of carcinoembryonic antigen. Sensors and Actuators B: Chemical, 2022, 350, 130857.	7.8	10
18	Hyaluronanâ€“tyrosineâ€“gold nanoparticles as an enzyme-free colorimetric probe for the detection of phosphorothiolate pesticides. Analytical Methods, 2017, 9, 6139-6147.	2.7	9

#	Article	IF	Citations
19	Fabrication of two-dimensional (2D) ordered microsphere aligned by supramolecular self-assembly of Formyl-azobenzene and dipeptide. Journal of Colloid and Interface Science, 2018, 514, 491-495.	9.4	9
20	Interactions of Hyaluronan Layers with Similarly Charged Surfaces: The Effect of Divalent Cations. Langmuir, 2013, 29, 12194-12202.	3.5	7
21	An enzyme inhibition-based lab-in-a-syringe device for point-of-need determination of pesticides. Analyst, The, 2020, 145, 3958-3966.	3.5	7
22	A syringe-aided apta-nanosensing method for colorimetric determination of acetamiprid. Analytica Chimica Acta, 2021, 1150, 238118.	5.4	7
23	Fabrication of ten-fold photonic quasicrystalline structures. AIP Advances, 2015, 5, 057108.	1.3	6
24	Role of Tryptophan in the Active Site of Plant Esterase: Chemical Modification and Fluorometric Studies. Applied Biochemistry and Biotechnology, 2013, 170, 909-924.	2.9	5
25	The Impact of Ionic Liquid and Nanoparticles on Stabilizing Foam for Enhanced Oil Recovery. ChemistrySelect, 2018, 3, 12461-12468.	1.5	5
26	Real-Time Analysis of Porphyrin J-Aggregation on a Plant-Esterase-Functionalized Surface Using Quartz Crystal Microbalance with Dissipation Monitoring. Langmuir, 2014, 30, 9962-9971.	3.5	4
27	Photocatalytically renewable peptide-based electrochemical impedance method for sensing lipopolysaccharide. Mikrochimica Acta, 2020, 187, 349.	5.0	4
28	Interactions of hyaluronan grafted on protein surfaces studied using a quartz crystal microbalance and a surface force balance. Soft Matter, 2015, 11, 7276-7287.	2.7	3