

Mei Yang

List of Publications by Year in descending order

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47
papers

1,307
citations

430874

18
h-index

361022

35
g-index

47
all docs

47
docs citations

47
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	A regenerative and selective electrochemical aptasensor based on copper oxide nanoflowers-single walled carbon nanotubes nanocomposite for chlorpyrifos detection. <i>Talanta</i> , 2018, 178, 1046-1052.	5.5	99
2	Colorimetric detection of Cr (VI) based on the leaching of gold nanoparticles using a paper-based sensor. <i>Talanta</i> , 2016, 161, 819-825.	5.5	93
3	Plant Esteraseâ€“Chitosan/Gold Nanoparticlesâ€“Graphene Nanosheet Composite-Based Biosensor for the Ultrasensitive Detection of Organophosphate Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10319-10326.	5.2	88
4	Structural and Biochemical Characterization Reveals LysGH15 as an Unprecedented â€œEF-Hand-Likeâ€• Calcium-Binding Phage Lysin. <i>PLoS Pathogens</i> , 2014, 10, e1004109.	4.7	85
5	Highâ€“Performance Flexible Pressure Sensor with a Selfâ€“Healing Function for Tactile Feedback. <i>Advanced Science</i> , 2022, 9, e2200507.	11.2	84
6	A sensitive label-free electrochemical immunosensor for detection of cytokeratin 19 fragment antigen 21-1 based on 3D graphene with gold nanoparticle modified electrode. <i>Talanta</i> , 2018, 178, 122-128.	5.5	75
7	ELP-OPH/BSA/TiO2 nanofibers/c-MWCNTs based biosensor for sensitive and selective determination of p-nitrophenyl substituted organophosphate pesticides in aqueous system. <i>Biosensors and Bioelectronics</i> , 2016, 85, 935-942.	10.1	66
8	Identification of <i>Lactobacillus</i> from koumiss by conventional and molecular methods. <i>European Food Research and Technology</i> , 2008, 227, 1555-1561.	3.3	62
9	A sandwich-type electrochemical immunoassay for ultrasensitive detection of non-small cell lung cancer biomarker CYFRA21-1. <i>Bioelectrochemistry</i> , 2018, 120, 183-189.	4.6	55
10	Fluorescent sensor for indirect measurement of methyl parathion based on alkaline-induced hydrolysis using N-doped carbon dots. <i>Talanta</i> , 2019, 192, 368-373.	5.5	54
11	Photoluminescence properties of N-doped carbon dots prepared in different solvents and applications in pH sensing. <i>Journal of Materials Science</i> , 2018, 53, 2424-2433.	3.7	53
12	Combination Therapy of LysGH15 and Apigenin as a New Strategy for Treating Pneumonia Caused by <i>Staphylococcus aureus</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 87-94.	3.1	51
13	A highly sensitive electrochemical DNA biosensor for rapid detection of CYFRA21-1, a marker of non-small cell lung cancer. <i>Analytical Methods</i> , 2015, 7, 9466-9473.	2.7	35
14	Biodegradability enhancement of hydrolyzed polyacrylamide wastewater by a combined Fenton-SBR treatment process. <i>Bioresource Technology</i> , 2019, 278, 99-107.	9.6	33
15	Rutin prevents inflammation induced by lipopolysaccharide in RAW 264.7 cells via conquering the TLR4-MyD88-TRAF6-NF-Î²B signalling pathway. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 110-117.	2.4	25
16	N, S co-doped carbon dots with high quantum yield: tunable fluorescence in liquid/solid and extensible applications. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	24
17	A Non-Enzymatic Glucose Sensor based on Copper Oxide Nanowires-Single Wall Carbon Nanotubes. <i>Journal of the Electrochemical Society</i> , 2015, 162, B47-B51.	2.9	23
18	Paeoniflorin-6â€“O-benzene sulfonate down-regulates CXCR4-GÎ²3-PI3K/AKT mediated migration in fibroblast-like synoviocytes of rheumatoid arthritis by inhibiting GRK2 translocation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 805-812.	2.1	23

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19	Astrocytic $\alpha 7$ Nicotinic Receptor Activation Inhibits Amyloid- β^2 Aggregation by Upregulating Endogenous β -crystallin through the PI3K/Akt Signaling Pathway. <i>Current Alzheimer Research</i> , 2018, 16, 39-48.	1.4	21
20	Chemical Variation of Chenpi (Citrus Peels) and Corresponding Correlated Bioactive Compounds by LC-MS Metabolomics and Multibioassay Analysis. <i>Frontiers in Nutrition</i> , 2022, 9, 825381.	3.7	19
21	Highly Potent, Selective, Biostable, and Cell-Permeable Cyclic α -Peptide for Dual-Targeting Therapy of Lung Cancer. <i>Journal of the American Chemical Society</i> , 2022, 144, 7117-7128.	13.7	19
22	Synthesis and photoluminescence modulating of polypyrrole fluorescent nano-spheres/dots. <i>RSC Advances</i> , 2016, 6, 23737-23745.	3.6	17
23	Numerical Study on the Heat Transfer of Carbon Dioxide in Horizontal Straight Tubes under Supercritical Pressure. <i>PLoS ONE</i> , 2016, 11, e0159602.	2.5	17
24	Discrimination of Lung Cancer Related Volatile Organic Compounds with a Colorimetric Sensor Array. <i>Analytical Letters</i> , 2013, 46, 2048-2059.	1.8	14
25	Dimerization of glucocorticoid receptors and its role in inflammation and immune responses. <i>Pharmacological Research</i> , 2021, 166, 105334.	7.1	14
26	Increased Expression of Kindlin 2 in Luteinized Granulosa Cells Correlates With Androgen Receptor Level in Patients With Polycystic Ovary Syndrome Having Hyperandrogenemia. <i>Reproductive Sciences</i> , 2014, 21, 696-703.	2.5	13
27	A Prussian blue-doped RGO/MXene composite aerogel with peroxidase-like activity for real-time monitoring of H_2O_2 secretion from living cells. <i>Chemical Communications</i> , 2021, 57, 9870-9873.	4.1	13
28	An Ultrasensitive Electrochemical DNA Biosensor Based on Carboxylated Multi-walled Carbon Nanotube/Molybdenum Disulfide Composites for KRAS Gene Detection. <i>Analytical Sciences</i> , 2019, 35, 441-448.	1.6	12
29	Mesoporous silica-coated quantum dots functionalized with folic acid for lung cancer cell imaging. <i>Analytical Methods</i> , 2015, 7, 9649-9654.	2.7	11
30	Combination therapy of ginsenoside compound K and methotrexate was efficient in elimination of anaemia and reduction of disease activity in adjuvant-induced arthritis rats. <i>Pharmaceutical Biology</i> , 2020, 58, 1140-1148.	2.9	11
31	A colorimetric multilayer sensor for discriminating red wine and green tea by measurement of antioxidant activity. <i>Analytical Methods</i> , 2016, 8, 3345-3352.	2.7	10
32	Synthesis and antioxidant property of hydroxycinnamoyl maltodextrin derivatives. <i>International Journal of Food Science and Technology</i> , 2016, 51, 2450-2459.	2.7	9
33	Highly sensitive colorimetric and fluorescent sensor for cyanazine based on the inner filter effect of gold nanoparticles. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	9
34	Colorimetric artificial nose for identification of breath volatile organic compounds of patients with lung cancer. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 572-577.	2.6	8
35	A novel device based on a fluorescent cross-responsive sensor array for detecting lung cancer related volatile organic compounds. <i>Review of Scientific Instruments</i> , 2015, 86, 025106.	1.3	8
36	The pronociceptive role of 5-HT6 receptors in ventrolateral orbital cortex in a rat formalin test model. <i>Neurochemistry International</i> , 2019, 131, 104562.	3.8	8

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37	Highly Sensitive Fluorescent Sensor for Cartap Based on Fluorescence Resonance Energy Transfer Between Gold Nanoparticles and Rhodamine B. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2441-2449.	0.9	7
38	A one-step synthesis of novel high pH-sensitive nitrogen-doped yellow fluorescent carbon dots and their detection application in living cells. <i>Analytical Methods</i> , 2019, 11, 5711-5717.	2.7	7
39	A novel multifunctional platform based on ITO/APTES/ErGO/AuNPs for long-term cell culture and real-time biomolecule monitoring. <i>Talanta</i> , 2021, 228, 122232.	5.5	7
40	Detection of Carbendazim Residues in Aqueous Samples by Fluorescent Quenching of Plant Esterase. <i>Journal of Applied Spectroscopy</i> , 2018, 85, 535-542.	0.7	5
41	A multi-functional minimally-disruptive portable electrochemical system based on yeast/Co ₃ O ₄ /Au/SPEs for blood lead (II) measurement. <i>Bioelectrochemistry</i> , 2019, 126, 156-162.	4.6	5
42	Genetic diagnoses in pediatric patients with epilepsy and comorbid intellectual disability. <i>Epilepsy Research</i> , 2021, 170, 106552.	1.6	5
43	Novel nitrogen-doped carbon dots for "turn-on" sensing of ATP based on aggregation induced emission enhancement effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121044.	3.9	5
44	Capillarity-based preparation system for optical colorimetric sensor arrays. <i>Review of Scientific Instruments</i> , 2017, 88, 035111.	1.3	2
45	Template effects on the morphology of ZnO via colloidal crystals with different functional groups. <i>Crystal Research and Technology</i> , 2012, 47, 1249-1254.	1.3	1
46	Highly Selective and Sensitive Colorimetric Sensor for Aminotriazole Residues in Vegetables and Fruits Using Glutathione Functionalized Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4733-4739.	0.9	1
47	Hyaluronan functionalizing QDs as turn-on fluorescent probe for targeted recognition CD44 receptor. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	1