Qiaolin Lang

List of Publications by Year
in descending order

25 papers	1,334 citations	394421 19 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1955 citing authors

#	Article	IF	Citations
1	Au@Ag Heterogeneous Nanorods as Nanozyme Interfaces with Peroxidase-Like Activity and Their Application for One-Pot Analysis of Glucose at Nearly Neutral pH. ACS Applied Materials & Interfaces, 2015, 7, 14463-14470.	8.0	237
2	Simultaneous voltammetric determination of nitrophenol isomers at ordered mesoporous carbon modified electrode. Electrochimica Acta, 2013, 106, 127-134.	5.2	145
3	A sensitive acetylcholinesterase biosensor based on gold nanorods modified electrode for detection of organophosphate pesticide. Talanta, 2016, 156-157, 34-41.	5.5	100
4	Specific Probe Selection from Landscape Phage Display Library and Its Application in Enzyme-Linked Immunosorbent Assay of Free Prostate-Specific Antigen. Analytical Chemistry, 2014, 86, 2767-2774.	6.5	94
5	Microbial surface display of glucose dehydrogenase for amperometric glucose biosensor. Biosensors and Bioelectronics, 2013, 45, 19-24.	10.1	71
6	Biofuel Cell Based Self-Powered Sensing Platform for <scp>l</scp>-Cysteine Detection. Analytical Chemistry, 2015, 87, 3382-3387.	6.5	71
7	Yeast Surface Displaying Glucose Oxidase as Whole-Cell Biocatalyst: Construction, Characterization, and Its Electrochemical Glucose Sensing Application. Analytical Chemistry, 2013, 85, 6107-6112.	6.5	68
8	Composite anion exchange membrane made by layer-by-layer method for selective ion separation and water migration control. Separation and Purification Technology, 2018, 192, 278-286.	7.9	59
9	Sensitive detection of maltose and glucose based on dual enzyme-displayed bacteria electrochemical biosensor. Biosensors and Bioelectronics, 2017, 87, 25-30.	10.1	58
10	Co-immobilization of glucoamylase and glucose oxidase for electrochemical sequential enzyme electrode for starch biosensor and biofuel cell. Biosensors and Bioelectronics, 2014, 51, 158-163.	10.1	57
11	Amperometric l-glutamate biosensor based on bacterial cell-surface displayed glutamate dehydrogenase. Analytica Chimica Acta, 2015, 884, 83-89.	5.4	54
12	Co-immobilization of glucose oxidase and xylose dehydrogenase displayed whole cell on multiwalled carbon nanotube nanocomposite films modified electrode for simultaneous voltammetric detection of d-glucose and d-xylose. Biosensors and Bioelectronics, 2013, 42, 156-162.	10.1	53
13	Combined effects of erythromycin and enrofloxacin on antioxidant enzymes and photosynthesis-related gene transcription in Chlorella vulgaris. Aquatic Toxicology, 2019, 212, 138-145.	4.0	47
14	Simultaneously improving stability and specificity of cell surface displayed glucose dehydrogenase mutants to construct whole-cell biocatalyst for glucose biosensor application. Bioresource Technology, 2013, 147, 492-498.	9.6	41
15	Tailoring 1,4-naphthoquinone with electron-withdrawing group: toward developing redox polymer and FAD-GDH based hydrogel bioanode for efficient electrocatalytic glucose oxidation. Electrochimica Acta, 2016, 211, 663-670.	5.2	39
16	Soil Microbial Community Structure and Diversity around the Aging Oil Sludge in Yellow River Delta as Determined by High-Throughput Sequencing. Archaea, 2018, 2018, 1-10.	2.3	27
17	Rational design of xylose dehydrogenase for improved thermostability and its application in development of efficient enzymatic biofuel cell. Enzyme and Microbial Technology, 2016, 84, 78-85.	3.2	26
18	Bacterial cell-surface displaying of thermo-tolerant glutamate dehydrogenase and its application in l-glutamate assay. Enzyme and Microbial Technology, 2015, 70, 72-78.	3.2	21

#	Article	IF	Citations
19	Substituent effect on the oxidation peak potentials of phenol derivatives at ordered mesoporous carbons modified electrode and its application in determination of acidity coefficients (pKa). Electrochimica Acta, 2014, 115, 283-289.	5.2	19
20	Novel glucose sensor with Au@Ag heterogeneous nanorods based on electrocatalytic reduction of hydrogen peroxide at negative potential. Journal of Electroanalytical Chemistry, 2015, 742, 84-89.	3.8	18
21	Effects of Aged Oil Sludge on Soil Physicochemical Properties and Fungal Diversity Revealed by High-Throughput Sequencing Analysis. Archaea, 2018, 2018, 1-8.	2.3	9
22	Electrochemical Glucose Biosensor Based on Glucose Oxidase Displayed on Yeast Surface. Methods in Molecular Biology, 2015, 1319, 233-243.	0.9	7
23	Bacterial community structure of aged oil sludge contaminated soil revealed by illumina high-throughput sequencing in East China. World Journal of Microbiology and Biotechnology, 2021, 37, 183.	3.6	5
24	Sensitive electrochemical sequential enzyme biosensor for glucose and starch based on glucoamylase- and glucose oxidase-controllably co-displayed yeast recombinant. Analytica Chimica Acta, 2022, 1221, 340173.	5.4	5
25	Crosslinking improved ion transport in polymer inclusion membraneâ€electrodialysis process and the underlying mechanism. AICHE Journal, 2022, 68, e17397.	3.6	3