

# Qiaolin Lang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Crosslinking improved ion transport in polymer inclusion membrane-electrodialysis process and the underlying mechanism. <i>AICHE Journal</i> , 2022, 68, e17397.	3.6	3
2	Sensitive electrochemical sequential enzyme biosensor for glucose and starch based on glucoamylase- and glucose oxidase-controllably co-displayed yeast recombinant. <i>Analytica Chimica Acta</i> , 2022, 1221, 340173.	5.4	5
3	Bacterial community structure of aged oil sludge contaminated soil revealed by illumina high-throughput sequencing in East China. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 183.	3.6	5
4	Combined effects of erythromycin and enrofloxacin on antioxidant enzymes and photosynthesis-related gene transcription in <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2019, 212, 138-145.	4.0	47
5	Composite anion exchange membrane made by layer-by-layer method for selective ion separation and water migration control. <i>Separation and Purification Technology</i> , 2018, 192, 278-286.	7.9	59
6	Soil Microbial Community Structure and Diversity around the Aging Oil Sludge in Yellow River Delta as Determined by High-Throughput Sequencing. <i>Archaea</i> , 2018, 2018, 1-10.	2.3	27
7	Effects of Aged Oil Sludge on Soil Physicochemical Properties and Fungal Diversity Revealed by High-Throughput Sequencing Analysis. <i>Archaea</i> , 2018, 2018, 1-8.	2.3	9
8	Sensitive detection of maltose and glucose based on dual enzyme-displayed bacteria electrochemical biosensor. <i>Biosensors and Bioelectronics</i> , 2017, 87, 25-30.	10.1	58
9	A sensitive acetylcholinesterase biosensor based on gold nanorods modified electrode for detection of organophosphate pesticide. <i>Talanta</i> , 2016, 156-157, 34-41.	5.5	100
10	Tailoring 1,4-naphthoquinone with electron-withdrawing group: toward developing redox polymer and FAD-GDH based hydrogel bioanode for efficient electrocatalytic glucose oxidation. <i>Electrochimica Acta</i> , 2016, 211, 663-670.	5.2	39
11	Rational design of xylose dehydrogenase for improved thermostability and its application in development of efficient enzymatic biofuel cell. <i>Enzyme and Microbial Technology</i> , 2016, 84, 78-85.	3.2	26
12	Biofuel Cell Based Self-Powered Sensing Platform for Cysteine Detection. <i>Analytical Chemistry</i> , 2015, 87, 3382-3387.	6.5	71
13	Novel glucose sensor with Au@Ag heterogeneous nanorods based on electrocatalytic reduction of hydrogen peroxide at negative potential. <i>Journal of Electroanalytical Chemistry</i> , 2015, 742, 84-89.	3.8	18
14	Amperometric l-glutamate biosensor based on bacterial cell-surface displayed glutamate dehydrogenase. <i>Analytica Chimica Acta</i> , 2015, 884, 83-89.	5.4	54
15	Au@Ag Heterogeneous Nanorods as Nanozyme Interfaces with Peroxidase-Like Activity and Their Application for One-Pot Analysis of Glucose at Nearly Neutral pH. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 14463-14470.	8.0	237
16	Bacterial cell-surface displaying of thermo-tolerant glutamate dehydrogenase and its application in l-glutamate assay. <i>Enzyme and Microbial Technology</i> , 2015, 70, 72-78.	3.2	21
17	Electrochemical Glucose Biosensor Based on Glucose Oxidase Displayed on Yeast Surface. <i>Methods in Molecular Biology</i> , 2015, 1319, 233-243.	0.9	7
18	Co-immobilization of glucoamylase and glucose oxidase for electrochemical sequential enzyme electrode for starch biosensor and biofuel cell. <i>Biosensors and Bioelectronics</i> , 2014, 51, 158-163.	10.1	57

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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). <i>Electrochimica Acta</i> , 2014, 115, 283-289.	5.2	19
20	Specific Probe Selection from Landscape Phage Display Library and Its Application in Enzyme-Linked Immunosorbent Assay of Free Prostate-Specific Antigen. <i>Analytical Chemistry</i> , 2014, 86, 2767-2774.	6.5	94
21	Microbial surface display of glucose dehydrogenase for amperometric glucose biosensor. <i>Biosensors and Bioelectronics</i> , 2013, 45, 19-24.	10.1	71
22	Simultaneously improving stability and specificity of cell surface displayed glucose dehydrogenase mutants to construct whole-cell biocatalyst for glucose biosensor application. <i>Bioresource Technology</i> , 2013, 147, 492-498.	9.6	41
23	Simultaneous voltammetric determination of nitrophenol isomers at ordered mesoporous carbon modified electrode. <i>Electrochimica Acta</i> , 2013, 106, 127-134.	5.2	145
24	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. <i>Biosensors and Bioelectronics</i> , 2013, 42, 156-162.	10.1	53
25	Yeast Surface Displaying Glucose Oxidase as Whole-Cell Biocatalyst: Construction, Characterization, and Its Electrochemical Glucose Sensing Application. <i>Analytical Chemistry</i> , 2013, 85, 6107-6112.	6.5	68