

Changyu Liu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Novel insights into the anaerobic digestion of propionate via Syntrophobacter fumaroxidans and Geobacter sulfurreducens: Process and mechanism. <i>Water Research</i> , 2021, 200, 117270.	11.3	31
2	Tunable Graphene Oxide Nanofiltration Membrane for Effective Dye/Salt Separation and Desalination. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55339-55348.	8.0	34
3	Determination of seawater biochemical oxygen demand based on in situ cultured biofilm reactor. <i>Journal of Electroanalytical Chemistry</i> , 2021, 903, 115872.	3.8	2
4	How to Identify the "LIVE/DEAD" States of Microbes Related to Biosensing. <i>ACS Sensors</i> , 2020, 5, 258-264.	7.8	9
5	Does the Nitrification-Suppressed BOD5 Test Make Sense?. <i>Environmental Science & Technology</i> , 2020, 54, 5323-5324.	10.0	1
6	Preparation, performance, and application of a stable, sensitive and cost-effective microelectrode array. <i>Talanta</i> , 2018, 188, 245-250.	5.5	6
7	New applications of genetically modified <i>Pseudomonas aeruginosa</i> for toxicity detection in water. <i>Chemosphere</i> , 2017, 184, 106-111.	8.2	19
8	Small Microbial Three-Electrode Cell Based Biosensor for Online Detection of Acute Water Toxicity. <i>ACS Sensors</i> , 2017, 2, 1637-1643.	7.8	20
9	Demonstration study of biofilm reactor based rapid biochemical oxygen demand determination of surface water. <i>Sensing and Bio-Sensing Research</i> , 2016, 8, 8-13.	4.2	12
10	N,S-Codoped microporous carbon nanobelts with blooming nanoflowers for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5834-5838.	10.3	51
11	Detecting total toxicity in water using a mediated biosensor system with flow injection. <i>Chemosphere</i> , 2015, 139, 109-116.	8.2	9
12	Novel Environmental Analytical System based on Combined Biodegradation and Photoelectrocatalytic Detection Principles for Rapid Determination of Organic Pollutants in Wastewaters. <i>Environmental Science & Technology</i> , 2014, 48, 1762-1768.	10.0	22
13	Biofilm reactor based real-time analysis of biochemical oxygendemand. <i>Biosensors and Bioelectronics</i> , 2013, 42, 1-4.	10.1	8
14	Field application of a biofilm reactor based BOD prototype in Taihu Lake, China. <i>Talanta</i> , 2013, 109, 147-151.	5.5	7
15	A reagent-free tubular biofilm reactor for on-line determination of biochemical oxygen demand. <i>Biosensors and Bioelectronics</i> , 2013, 45, 213-218.	10.1	20
16	A biofilm reactor-based approach for rapid on-line determination of biodegradable organic pollutants. <i>Biosensors and Bioelectronics</i> , 2012, 34, 77-82.	10.1	25
17	Immobilized multi-species based biosensor for rapid biochemical oxygen demand measurement. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2074-2079.	10.1	31
18	A Simple and Inexpensive Method for Fabrication of Ultramicroelectrode Array and Its Application for the Detection of Dissolved Oxygen. <i>Electroanalysis</i> , 2008, 20, 797-802.	2.9	11