

Olja Simoska

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

891
citations

687220

13
h-index

752573

20
g-index

24
all docs

24
docs citations

24
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamentals, Applications, and Future Directions of Bioelectrocatalysis. <i>Chemical Reviews</i> , 2020, 120, 12903-12993.	23.0	227
2	Spatial determinants of quorum signaling in a <i>Pseudomonas aeruginosa</i> infection model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4779-4784.	3.3	118
3	Electrochemical sensors for rapid diagnosis of pathogens in real time. <i>Analyst, The</i> , 2019, 144, 6461-6478.	1.7	102
4	Real-Time Electrochemical Detection of <i>Pseudomonas aeruginosa</i> Phenazine Metabolites Using Transparent Carbon Ultramicroelectrode Arrays. <i>ACS Sensors</i> , 2019, 4, 170-179.	4.0	61
5	Transparent Carbon Ultramicroelectrode Arrays for the Electrochemical Detection of a Bacterial Warfare Toxin, Pyocyanin. <i>Analytical Chemistry</i> , 2017, 89, 6285-6289.	3.2	56
6	Advances in Electrochemical Modification Strategies of 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2021, 14, 1674-1686.	3.6	47
7	Gold Nanoparticle Modified Transparent Carbon Ultramicroelectrode Arrays for the Selective and Sensitive Electroanalytical Detection of Nitric Oxide. <i>Analytical Chemistry</i> , 2017, 89, 1267-1274.	3.2	42
8	Electrochemical Detection of Multianalyte Biomarkers in Wound Healing Efficacy. <i>ACS Sensors</i> , 2020, 5, 3547-3557.	4.0	40
9	Electrochemical monitoring of the impact of polymicrobial infections on <i>Pseudomonas aeruginosa</i> and growth dependent medium. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111538.	5.3	36
10	Recent trends and advances in microbial electrochemical sensing technologies: An overview. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100762.	2.5	31
11	Using structure-function relationships to understand the mechanism of phenazine-mediated extracellular electron transfer in <i>Escherichia coli</i> . <i>IScience</i> , 2021, 24, 103033.	1.9	27
12	A convenient direct laser writing system for the creation of microfluidic masters. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 419-426.	1.0	21
13	Understanding the Properties of Phenazine Mediators that Promote Extracellular Electron Transfer in <i>Escherichia coli</i> . <i>Journal of the Electrochemical Society</i> , 2021, 168, 025503.	1.3	16
14	Unbranched Hybrid Conducting Redox Polymers for Intact Chloroplast-Based Photobioelectrocatalysis. <i>Langmuir</i> , 2021, 37, 7821-7833.	1.6	15
15	Using a Homemade Flame Photometer To Measure Sodium Concentration in a Sports Drink. <i>Journal of Chemical Education</i> , 2013, 90, 372-375.	1.1	10
16	The Use of Electroactive Halophilic Bacteria for Improvements and Advancements in Environmental High Saline Biosensing. <i>Biosensors</i> , 2021, 11, 48.	2.3	10
17	Rapid Entrapment of Phenazine Ethosulfate within a Polyelectrolyte Complex on Electrodes for Efficient NAD ⁺ Regeneration in Mediated NAD ⁺ -Dependent Bioelectrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10942-10951.	4.0	10
18	Electrochemical sensors for detection of <i>Pseudomonas aeruginosa</i> virulence biomarkers: Principles of design and characterization. <i>Sensors and Actuators Reports</i> , 2022, 4, 100072.	2.3	10

#	ARTICLE	IF	CITATIONS
19	Applying synthetic biology strategies to bioelectrochemical systems. <i>Electrochemical Science Advances</i> , 2022, 2, .	1.2	8
20	Investigating the Electroactivity of <i>Salinivibrio</i> sp. EAGSL, through Electroanalytical Techniques and Genomic Insights. <i>Journal of the Electrochemical Society</i> , 2022, 169, 025501.	1.3	2
21	Fundamentals and applications of enzymatic bioelectrocatalysis. , 2023, , 456-491.		1
22	(Invited) Wearable Electrochemical Sensor for Detection of Multianalyte Biomarkers in Wound Healing Efficacy. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1108-1108.	0.0	0
23	Understanding the Properties of Phenazine Mediators That Promote Extracellular Electron Transfer in <i>Escherichia coli</i> . <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1744-1744.	0.0	0