

Dalius Ratautas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

175
citations

9
h-index

13
g-index

18
ext. papers

220
ext. citations

9.8
avg, IF

3.3
L-index

#	Paper	IF	Citations
13	Glucose-to-Resistor Transduction Integrated into a Radio-Frequency Antenna for Chip-less and Battery-less Wireless Sensing.. <i>ACS Sensors</i> , 2022 ,	9.2	2
12	Mechanistic Characterization of an Oxygen Reduction Reaction-Driven, Fully Enzymatic and Self-Calibrating pH Biosensor Based on Wired Bilirubin Oxidase. <i>Sensors and Actuators B: Chemical</i> , 2022 , 132054	8.5	
11	A direct electron transfer formaldehyde dehydrogenase biosensor for the determination of formaldehyde in river water. <i>Talanta</i> , 2021 , 234, 122657	6.2	3
10	Revising catalytic acceleration of enzymes on citrate-capped gold nanoparticles. <i>Journal of Catalysis</i> , 2021 , 404, 570-578	7.3	0
9	Real-time glucose monitoring system containing enzymatic sensor and enzymatic reference electrodes. <i>Biosensors and Bioelectronics</i> , 2020 , 164, 112338	11.8	14
8	Nanocatalysts Containing Direct Electron Transfer-Capable Oxidoreductases: Recent Advances and Applications. <i>Catalysts</i> , 2020 , 10, 9	4	11
7	Highly sensitive amperometric biosensor based on alcohol dehydrogenase for determination of glycerol in human urine. <i>Talanta</i> , 2019 , 200, 333-339	6.2	11
6	Highly efficient direct electron transfer bioanode containing glucose dehydrogenase operating in human blood. <i>Journal of Power Sources</i> , 2019 , 441, 227163	8.9	11
5	Preparation and characterization of iron oxide magnetic nanoparticles functionalized by nisin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 169, 126-134	6	13
4	Wiring Gold Nanoparticles and Redox Enzymes: A Self-Sufficient Nanocatalyst for the Direct Oxidation of Carbohydrates with Molecular Oxygen. <i>ChemCatChem</i> , 2018 , 10, 971-974	5.2	14
3	Bioanode with alcohol dehydrogenase undergoing a direct electron transfer on functionalized gold nanoparticles for an application in biofuel cells for glycerol conversion. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 215-221	11.8	19
2	Oxygen electroreduction catalysed by laccase wired to gold nanoparticles via the trinuclear copper cluster. <i>Energy and Environmental Science</i> , 2017 , 10, 498-502	35.4	57
1	High current, low redox potential mediatorless bioanode based on gold nanoparticles and glucose dehydrogenase from <i>Ewingella americana</i> . <i>Electrochimica Acta</i> , 2016 , 199, 254-260	6.7	20