

Elena Daboss

List of Publications by Year in descending order

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840776

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552
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Diabetes Monitoring through Continuous Analysis of Sweat Using Flow-Through Glucose Biosensor. <i>Analytical Chemistry</i> , 2019, 91, 3778-3783.	6.5	135
2	Nonenzymatic Sensor for Lactate Detection in Human Sweat. <i>Analytical Chemistry</i> , 2017, 89, 11198-11202.	6.5	96
3	Relationship Between Sweat and Blood Lactate Levels During Exhaustive Physical Exercise. <i>ChemElectroChem</i> , 2020, 7, 191-194.	3.4	50
4	Simultaneous monitoring of sweat lactate content and sweat secretion rate by wearable remote biosensors. <i>Biosensors and Bioelectronics</i> , 2022, 202, 113970.	10.1	38
5	Wearable non-invasive monitors of diabetes and hypoxia through continuous analysis of sweat. <i>Talanta</i> , 2020, 215, 120922.	5.5	31
6	Iron-nickel hexacyanoferrate bilayer as an advanced electrocatalyst for H_2O_2 reduction. <i>RSC Advances</i> , 2016, 6, 103328-103331.	3.6	28
7	Advanced electrochemical detection of amino acids and proteins through flow injection analysis and catalytic oxidation on Prussian Blue. <i>Electrochimica Acta</i> , 2020, 331, 135289.	5.2	27
8	Communication "Accessing Stability of Oxidase-Based Biosensors via Stabilizing the Advanced H_2O_2 Transducer. <i>Journal of the Electrochemical Society</i> , 2017, 164, B3056-B3058.	2.9	19
9	Noninvasive monitoring of diabetes and hypoxia by wearable flow-through biosensors. <i>Current Opinion in Electrochemistry</i> , 2020, 23, 16-20.	4.8	19
10	Core-Shell Nanozymes "Artificial Peroxidase" Stability with Superior Catalytic Properties. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5547-5551.	4.6	16
11	Estimation of continuity of electroactive inorganic films based on apparent anti-Ohmic trend in their charge transfer resistance. <i>Electrochimica Acta</i> , 2016, 219, 588-591.	5.2	11
12	Application of Prussian Blue modified carbon electrodes for amperometric detection of amyloid- β^2 peptides by flow injection analysis. <i>Electrochimica Acta</i> , 2022, 406, 139829.	5.2	4
13	Advanced electrochemical detection of nitrogenous bases, synthetic oligonucleotides, and single-stranded DNA through flow injection analysis and catalytic oxidation on Prussian Blue. <i>Electrochimica Acta</i> , 2021, 378, 138119.	5.2	3
14	Core-Shell Iron-Nickel Hexacyanoferrate Nanoparticle-Based Sensors for Hydrogen Peroxide Scavenging Activity. <i>Chemosensors</i> , 2021, 9, 344.	3.6	0