

Carla Santana Santos

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

178
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	In-vivo electrochemical monitoring of H ₂ O ₂ production induced by root-inoculated endophytic bacteria in Agave tequilana leaves. Biosensors and Bioelectronics, 2018, 99, 108-114.	10.1	39
2	Scanning Bipolar Electrochemical Microscopy. Analytical Chemistry, 2018, 90, 6267-6274.	6.5	25
3	Correlative Electrochemical Microscopy for the Elucidation of the Local Ionic and Electronic Properties of the Solid Electrolyte Interphase in Li-ion Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25
4	Fabrication and Use of Dual-function Iridium Oxide Coated Gold SECM Tips. An Application to pH Monitoring above a Copper Electrode Surface during Nitrate Reduction.. Electroanalysis, 2016, 28, 1441-1447.	2.9	21
5	Single Cell Oxygen Mapping (SCOM) by Scanning Electrochemical Microscopy Uncovers Heterogeneous Intracellular Oxygen Consumption. Scientific Reports, 2017, 7, 11428.	3.3	19
6	Monitoring H ₂ O ₂ inside <i>Aspergillus fumigatus</i> with an Integrated Microelectrode: The Role of Peroxiredoxin Protein Prx1. Analytical Chemistry, 2018, 90, 2587-2593.	6.5	14
7	Enhanced sensitivity of scanning bipolar electrochemical microscopy for O ₂ detection. Analytica Chimica Acta, 2019, 1087, 36-43.	5.4	12
8	Molecular mechanisms associated with acidification and alkalization along the larval midgut of <i>Musca domestica</i> . Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 237, 110535.	1.8	7
9	Enhancing Electrogenerated Chemiluminescence on Platinum Electrodes through Surface Modification. ChemElectroChem, 2020, 7, 1256-1260.	3.4	7
10	Unveiling the contribution of the reproductive system of individual <i>Caenorhabditis elegans</i> on oxygen consumption by single-point scanning electrochemical microscopy measurements. Analytica Chimica Acta, 2021, 1146, 88-97.	5.4	7
11	Korrelative elektrochemische Mikroskopie zur Aufklärung der lokalen ionischen und elektronischen Eigenschaften der Festkörper-Elektrolyt Zwischenphase in Li-Ionen-Batterien. Angewandte Chemie, 2022, 134, .	2.0	2
12	Increased sensitivity of Ascorbate Detection by Mediated Oxidation in Confined Electrochemical Cells. Electroanalysis, 0, , .	2.9	0