

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
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1281871

11
g-index

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docs citations

12
times ranked

235
citing authors

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