

Graziela C Sedenho

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

354
citations

840776

11
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794594

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24
docs citations

24
times ranked

448
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | D-mannitol sensor based on molecularly imprinted polymer on electrode modified with reduced graphene oxide decorated with gold nanoparticles. <i>Talanta</i> , 2017, 165, 231-239. | 5.5 | 67 |
| 2 | Effect of Molecular Structure of Quinones and Carbon Electrode Surfaces on the Interfacial Electron Transfer Process. <i>ACS Applied Energy Materials</i> , 2020, 3, 1933-1943. | 5.1 | 38 |
| 3 | Advances in enzyme bioelectrochemistry. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 825-857. | 0.8 | 29 |
| 4 | Determination of amino acids in sugarcane vinasse by ion chromatographic using nickel nanoparticles on reduced graphene oxide modified electrode. <i>Microchemical Journal</i> , 2017, 134, 374-382. | 4.5 | 24 |
| 5 | Assessing electron transfer reactions and catalysis in multicopper oxidases with operando X-ray absorption spectroscopy. <i>Nature Communications</i> , 2020, 11, 316. | 12.8 | 24 |
| 6 | Nanoelectrocatalytic Oxidation of Lactic Acid Using Nickel Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6896-6905. | 3.1 | 19 |
| 7 | Graphene-based hybrid electrical-electrochemical point-of-care device for serologic COVID-19 diagnosis. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113866. | 10.1 | 18 |
| 8 | Ethanol generation, oxidation and energy production in a cooperative bioelectrochemical system. <i>Bioelectrochemistry</i> , 2018, 122, 11-25. | 4.6 | 16 |
| 9 | Simple and direct potentiometric determination of potassium ions in biodiesel microemulsions at a glassy carbon electrode modified with nickel(ii) hexacyanoferrate nanoparticles. <i>Analytical Methods</i> , 2013, 5, 4145. | 2.7 | 15 |
| 10 | Operando Electron Paramagnetic Resonance for Elucidating the Electron Transfer Mechanism of Coenzymes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16058-16064. | 3.1 | 15 |
| 11 | Stabilization of bilirubin oxidase in a biogel matrix for high-performance gas diffusion electrodes. <i>Journal of Power Sources</i> , 2021, 482, 229035. | 7.8 | 14 |
| 12 | <i>In situ</i> and <i>Operando</i> Techniques for Investigating Electron Transfer in Biological Systems. <i>ChemElectroChem</i> , 2021, 8, 431-446. | 3.4 | 13 |
| 13 | Determination of Electroactive Organic Acids in Sugarcane Vinasse by High Performance Anion-Exchange Chromatography with Pulsed Amperometric Detection Using a Nickel Nanoparticle Modified Boron-Doped Diamond. <i>Energy & Fuels</i> , 2017, 31, 2865-2870. | 5.1 | 10 |
| 14 | Non-corrosive, low-toxicity gel-based microbattery from organic and organometallic molecules. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24784-24787. | 10.3 | 10 |
| 15 | Three-dimensional catalysis and the efficient bioelectrocatalysis beyond surface chemistry. <i>Journal of Catalysis</i> , 2021, 401, 200-205. | 6.2 | 8 |
| 16 | The role of extracellular polymeric substance matrix on <i>Saccharomyces cerevisiae</i> bioelectricity. <i>Electrochimica Acta</i> , 2021, 393, 139080. | 5.2 | 8 |
| 17 | Electrochemical Behavior of Cytochrome C Immobilized in a Magnetically Induced Mesoporous Framework. <i>ChemElectroChem</i> , 2019, 6, 5802-5809. | 3.4 | 7 |
| 18 | In situ and operando electrochemistry of redox enzymes. <i>Current Opinion in Electrochemistry</i> , 2022, 34, 101015. | 4.8 | 7 |

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|----|---|-----|-----------|
| 19 | Detection of Several Carbohydrates Using Boron-doped Diamond Electrodes Modified with Nickel Hydroxide Nanoparticles. <i>Analytical Sciences</i> , 2015, 31, 773-780. | 1.6 | 5 |
| 20 | On the Weak Binding and Spectroscopic Signature of SARS-CoV-2 nsp14 Interaction with RNA. <i>ChemBioChem</i> , 2021, 22, 3410-3413. | 2.6 | 4 |
| 21 | Tuning Vertical Electron Transfer on Graphene Bilayer Electrochemical Devices. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100550. | 3.7 | 3 |
| 22 | Progress in Bioelectrocatalysis. , 2022, , 37-53. | | 0 |