

Cecilia de Carvalho Castro e Silva

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,655
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

4235
citing authors

#	ARTICLE	IF	CITATIONS
1	A plug, print & play inkjet printing and impedance-based biosensing technology operating through a smartphone for clinical diagnostics. <i>Biosensors and Bioelectronics</i> , 2022, 196, 113737.	10.1	28
2	Graphene oxide fibers by microfluidics assembly: a strategy for structural and dimensional control. <i>Nanoscale</i> , 2021, 13, 6752-6758.	5.6	8
3	Sensing Materials: Electrolyte-Gated Organic Field-Effect Transistor (EGOFETs). , 2021, , .		2
4	Graphene Oxide Theranostic Effect: Conjugation of Photothermal and Photodynamic Therapies Based on an in vivo Demonstration. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1601-1616.	6.7	19
5	Addressing the Theoretical and Experimental Aspects of Low-Dimensional-Materials-Based FET Immunosensors: A Review. <i>Chemosensors</i> , 2021, 9, 162.	3.6	5
6	Long-term environmental stability of nitrogen-healed black phosphorus. <i>Applied Surface Science</i> , 2021, 564, 150450.	6.1	7
7	Nanodiagnostics to Face SARS-CoV-2 and Future Pandemics: From an Idea to the Market and Beyond. <i>ACS Nano</i> , 2021, 15, 17137-17149.	14.6	32
8	Recent advancement in biomedical applications on the surface of two-dimensional materials: from biosensing to tissue engineering. <i>Nanoscale</i> , 2020, 12, 19043-19067.	5.6	50
9	Purification of graphene oxide dispersions by using a fluidic cell. <i>Analytical Methods</i> , 2020, 12, 3575-3581.	2.7	6
10	Graphene Oxide Mediated Broad-Spectrum Antibacterial Based on Bimodal Action of Photodynamic and Photothermal Effects. <i>Frontiers in Microbiology</i> , 2019, 10, 2995.	3.5	55
11	Engineering two-dimensional gold nanostructures using graphene oxide nanosheets as a template. <i>Nanoscale</i> , 2018, 10, 13315-13319.	5.6	15
12	The role of electronic coupling between substrate and 2D MoS ₂ nanosheets in electrocatalytic production of hydrogen. <i>Nature Materials</i> , 2016, 15, 1003-1009.	27.5	687
13	Tuning the electrochemical reduction of graphene oxide: structural correlations towards the electrooxidation of nicotinamide adenine dinucleotide hydride. <i>Electrochimica Acta</i> , 2016, 197, 194-199.	5.2	23
14	Electrochemical Oxidation of Glassy Carbon Provides Similar Electrochemical Response as Graphene Oxide Prepared by Tour or Hummers Routes. <i>ChemElectroChem</i> , 2015, 2, 761-767.	3.4	25
15	Covalent functionalization of monolayered transition metal dichalcogenides by phase engineering. <i>Nature Chemistry</i> , 2015, 7, 45-49.	13.6	637
16	Construction of a new functional platform by grafting poly(4-vinylpyridine) in multi-walled carbon nanotubes for complexing copper ions aiming the amperometric detection of l-cysteine. <i>Electrochimica Acta</i> , 2012, 71, 150-158.	5.2	44
17	Synthesis and Electrochemical Characterization of Poly(2-methoxy-4-vinylphenol) with MWCNTs. <i>Electroanalysis</i> , 2011, 23, 2562-2568.	2.9	11
18	Interfacial Capacitance of Graphene Oxide Films Electrodes: Fundamental Studies on Electrolytes Interface Aiming (Bio)Sensing Applications. <i>Electroanalysis</i> , 0, , .	2.9	1