

Cecilia de Carvalho Castro e Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9064063/publications.pdf>

Version: 2024-02-01

18
papers

1,655
citations

949033

11
h-index

1051228

16
g-index

18
all docs

18
docs citations

18
times ranked

4963
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.3	687
2	Covalent functionalization of monolayered transition metal dichalcogenides by phase engineering. <i>Nature Chemistry</i> , 2015, 7, 45-49.	6.6	637
3	Graphene Oxide Mediated Broad-Spectrum Antibacterial Based on Bimodal Action of Photodynamic and Photothermal Effects. <i>Frontiers in Microbiology</i> , 2019, 10, 2995.	1.5	55
4	Recent advancement in biomedical applications on the surface of two-dimensional materials: from biosensing to tissue engineering. <i>Nanoscale</i> , 2020, 12, 19043-19067.	2.8	50
5	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.	2.6	44
6	Nanodiagnosics to Face SARS-CoV-2 and Future Pandemics: From an Idea to the Market and Beyond. <i>ACS Nano</i> , 2021, 15, 17137-17149.	7.3	32
7	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.	5.3	28
8	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.	1.7	25
9	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.	2.6	23
10	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.	3.3	19
11	Engineering two-dimensional gold nanostructures using graphene oxide nanosheets as a template. <i>Nanoscale</i> , 2018, 10, 13315-13319.	2.8	15
12	Synthesis and Electrochemical Characterization of Poly(2-methoxy-4-vinylphenol) with MWCNTs. <i>Electroanalysis</i> , 2011, 23, 2562-2568.	1.5	11
13	Graphene oxide fibers by microfluidics assembly: a strategy for structural and dimensional control. <i>Nanoscale</i> , 2021, 13, 6752-6758.	2.8	8
14	Long-term environmental stability of nitrogen-healed black phosphorus. <i>Applied Surface Science</i> , 2021, 564, 150450.	3.1	7
15	Purification of graphene oxide dispersions by using a fluidic cell. <i>Analytical Methods</i> , 2020, 12, 3575-3581.	1.3	6
16	Addressing the Theoretical and Experimental Aspects of Low-Dimensional-Materials-Based FET Immunosensors: A Review. <i>Chemosensors</i> , 2021, 9, 162.	1.8	5
17	Sensing Materials: Electrolyte-Gated Organic Field-Effect Transistor (EGOFETs). , 2021, , .		2
18	Interfacial Capacitance of Graphene Oxide Films Electrodes: Fundamental Studies on Electrolytes Interface Aiming (Bio)Sensing Applications. <i>Electroanalysis</i> , 0, , .	1.5	1