

# Sergio H Domingues

## List of Publications by Year in descending order

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36  
papers

1,326  
citations

393982

19  
h-index

377514

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Hybrid MoS <sub>2</sub> -PEGylated/Au Nanostructures with Potential Theranostic Applications in Biomedicine. <i>Nanomaterials</i> , 2022, 12, 2053.	1.9	12
2	Ternary Nanocomposites of Reduced Graphene Oxide, Polyaniline, and Iron Oxide Applied for Energy Storage. <i>ACS Applied Nano Materials</i> , 2021, 4, 5553-5563.	2.4	18
3	Can reduced graphene oxide look like few-layer pristine graphene?. <i>Diamond and Related Materials</i> , 2021, 120, 108616.	1.8	6
4	High capacitive rGO/WO <sub>3</sub> nanocomposite: the simplest and fastest route of preparing it. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 165-175.	1.6	19
5	One-step deposition and in-situ reduction of graphene oxide in photonic crystal fiber for all-fiber laser mode locking. <i>Optics and Laser Technology</i> , 2020, 121, 105838.	2.2	10
6	A black phosphorus-based cathode for aqueous Na-ion batteries operating under ambient conditions. <i>Chemical Communications</i> , 2020, 56, 802-805.	2.2	17
7	Chemical versus electrochemical: What is the best synthesis method to ternary GO/WO <sub>3</sub> NW/PAni nanocomposites to improve performance as supercapacitor?. <i>Electrochimica Acta</i> , 2020, 356, 136786.	2.6	12
8	Integrated Computational and Experimental Design of Ductile, Abrasion-Resistant Thermoplastic Polyurethane/Graphene Oxide Nanocomposites. <i>ACS Applied Nano Materials</i> , 2020, 3, 9694-9705.	2.4	7
9	Fast synthesis of $\gamma$ -MnO <sub>2</sub> for a high-performance supercapacitor electrode. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	25
10	Crumpled Graphene Decorated with Manganese Ferrite Nanoparticles for Hydrogen Peroxide Sensing and Electrochemical Supercapacitors. <i>ACS Applied Nano Materials</i> , 2020, 3, 4859-4869.	2.4	35
11	Tuning of surface properties of poly(vinyl alcohol)/graphene oxide nanocomposites. <i>Polymer Composites</i> , 2019, 40, E312.	2.3	17
12	Liquid phase exfoliated black phosphorus and reduced graphene oxide polymer-based saturable absorbers fabrication using the droplet method for mode-locking applications. <i>Optics and Laser Technology</i> , 2018, 106, 107-112.	2.2	16
13	Novel improvement in processing of polymer nanocomposite based on 2D materials as fillers. <i>EXPRESS Polymer Letters</i> , 2018, 12, 930-945.	1.1	33
14	Real-time optofluidic surface-enhanced Raman spectroscopy based on a graphene oxide/gold nanorod nanocomposite. <i>Optics Express</i> , 2018, 26, 22698.	1.7	11
15	Graphene oxide and reduced graphene oxide as saturable absorbers onto D-shaped fibers for sub 200-fs EDFL mode-locking. <i>Optical Materials Express</i> , 2018, 8, 144.	1.6	48
16	Optofluidic SERS in a Microcapillary Coated with a Graphene Oxide/Gold Nanorod Nanocomposite. , 2018, , .		0
17	Supports matter: unraveling the role of charge transfer in the plasmonic catalytic activity of silver nanoparticles. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11720-11729.	5.2	28
18	Air stable black phosphorous in polyaniline-based nanocomposite. <i>Scientific Reports</i> , 2017, 7, 10165.	1.6	35

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19	Imidazole-derived graphene nanocatalysts for organophosphate destruction: Powder and thin film heterogeneous reactions. <i>Journal of Catalysis</i> , 2017, 356, 75-84.	3.1	30
20	Sub-300fs mode-locked erbium doped fiber laser using graphene oxide and reduced graphene oxide onto D-shaped optical fibers. , 2017, , .		1
21	300-fs mode-locked Erbium doped fiber laser using evanescent field interaction through graphene oxide saturable absorber in D-shaped fibers. , 2016, , .		4
22	Graphene Oxide/Gold Nanorod Nanocomposite for Stable Surface-Enhanced Raman Spectroscopy. <i>ACS Photonics</i> , 2016, 3, 1027-1035.	3.2	40
23	pKa determination of graphene-like materials: Validating chemical functionalization. <i>Journal of Colloid and Interface Science</i> , 2016, 467, 239-244.	5.0	73
24	Theoretical Design and Experimental Realization of Quasi Single Electron Enhancement in Plasmonic Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14427-14431.	7.2	4
25	Graphene nanoribbons inducing cube-shaped Ag nanoparticle assemblies. <i>Carbon</i> , 2015, 93, 800-811.	5.4	15
26	Probing the Catalytic Activity of Reduced Graphene Oxide Decorated with Au Nanoparticles Triggered by Visible Light. <i>Chemistry - A European Journal</i> , 2015, 21, 9889-9894.	1.7	21
27	THE EFFECT OF VARIATION OF REACTIONAL PARAMETERS IN THE PREPARATION OF GRAPHENE BY OXIDATION AND REDUCTION OF GRAPHITE. <i>Quimica Nova</i> , 2014, , .	0.3	9
28	Functionalized graphene oxide as a nanocatalyst in dephosphorylation reactions: pursuing artificial enzymes. <i>Chemical Communications</i> , 2014, 50, 9891-9894.	2.2	27
29	Graphene-carbon nanotube hybrid transparent conductive films. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
30	Reduction of graphene oxide films on Al foil for hybrid transparent conductive film applications. <i>Carbon</i> , 2013, 63, 454-459.	5.4	53
31	Reduced Graphene Oxide/Copper Nanowire Hybrid Films as High-Performance Transparent Electrodes. <i>ACS Nano</i> , 2013, 7, 1811-1816.	7.3	261
32	Tri-layer graphene films produced by mechanochemical exfoliation of graphite. <i>Carbon</i> , 2013, 57, 410-415.	5.4	46
33	Targeted thiolation of graphene oxide and its utilization as precursor for graphene/silver nanoparticles composites. <i>Carbon</i> , 2013, 61, 543-550.	5.4	75
34	Transparent and conductive thin films of graphene/polyaniline nanocomposites prepared through interfacial polymerization. <i>Chemical Communications</i> , 2011, 47, 2592-2594.	2.2	155
35	Characterisation of electrochemically deposited Ni-Mo alloy coatings. <i>Electrochemistry Communications</i> , 2004, 6, 543-548.	2.3	106
36	Electrodeposition of Ni-Mo and Fe-Mo alloys from sulfate-citrate acid solutions. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 556-563.	0.6	50