

Nuno F Santos

List of Publications by Year in descending order

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32
papers

606
citations

567144

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610775

24
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33
all docs

33
docs citations

33
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunosensing Based on Optical Fiber Technology: Recent Advances. <i>Biosensors</i> , 2021, 11, 305.	2.3	83
2	Label-free plasmonic immunosensor for cortisol detection in a D-shaped optical fiber. <i>Biomedical Optics Express</i> , 2022, 13, 3259.	1.5	73
3	IR and UV Laser-Induced Graphene: Application as Dopamine Electrochemical Sensors. <i>Advanced Materials Technologies</i> , 2021, 6, 2100007.	3.0	58
4	A critical review on the production and application of graphene and graphene-based materials in anti-corrosion coatings. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2022, 47, 309-355.	6.8	45
5	Laser-induced graphene from paper for non-enzymatic uric acid electrochemical sensing in urine. <i>Carbon</i> , 2022, 197, 253-263.	5.4	32
6	Optical properties of LFZ grown In^{2+} -Ga 2O_3 :Eu $^{3+}$ fibres. <i>Applied Surface Science</i> , 2012, 258, 9157-9161.	3.1	28
7	ZnO decorated laser-induced graphene produced by direct laser scribing. <i>Nanoscale Advances</i> , 2019, 1, 3252-3268.	2.2	23
8	Luminescence studies on SnO 2 and SnO 2 :Eu nanocrystals grown by laser assisted flow deposition. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 13512-13519.	1.3	19
9	Simultaneous CVD synthesis of graphene-diamond hybrid films. <i>Carbon</i> , 2016, 98, 99-105.	5.4	19
10	Exploring the potential of laser assisted flow deposition grown ZnO for photovoltaic applications. <i>Materials Chemistry and Physics</i> , 2016, 177, 322-329.	2.0	18
11	Diamond-Graphite Nanoplatelet Surfaces as Conductive Substrates for the Electrical Stimulation of Cell Functions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1331-1342.	4.0	18
12	Electrochemical Response of Glucose Oxidase Adsorbed on Laser-Induced Graphene. <i>Nanomaterials</i> , 2021, 11, 1893.	1.9	17
13	Rare earth co-doping nitride layers for visible light. <i>Materials Chemistry and Physics</i> , 2012, 134, 716-720.	2.0	16
14	Physical Structure and Electrochemical Response of Diamond-Graphite Nanoplatelets: From CVD Synthesis to Label-Free Biosensors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8470-8482.	4.0	16
15	Tuning the field emission of graphene-diamond hybrids by pulsed methane flow CVD. <i>Carbon</i> , 2017, 122, 726-736.	5.4	15
16	Insights on luminescence quenching of ZnO tetrapods in the detection of hCG. <i>Applied Surface Science</i> , 2020, 527, 146813.	3.1	15
17	Heat Dissipation Interfaces Based on Vertically Aligned Diamond/Graphite Nanoplatelets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24772-24777.	4.0	14
18	Spectroscopic Analysis of Eu $^{3+}$ Implanted and Annealed GaN Layers and Nanowires. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17954-17964.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Dual Transduction of H ₂ O ₂ Detection Using ZnO/Laser-Induced Graphene Composites. Chemosensors, 2021, 9, 102.	1.8	13
20	Electrochemical and photoluminescence response of laser-induced graphene/electrodeposited ZnO composites. Scientific Reports, 2021, 11, 17154.	1.6	13
21	Microprobe analysis, iono- and photo-luminescence of Mn ²⁺ activated ZnGa ₂ O ₄ fibres. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 195-200.	0.6	12
22	Stiff Diamond/Buckypaper Carbon Hybrids. ACS Applied Materials & Interfaces, 2014, 6, 22649-22654.	4.0	12
23	Spectroscopic analysis of the NIR emission in Tm implanted Al _x Ga _{1-x} N layers. Journal of Applied Physics, 2016, 120, 081701.	1.1	9
24	Lattice site location and luminescence studies of Al _x Ga _{1-x} N alloys doped with thulium ions. Nuclear Instruments & Methods in Physics Research B, 2013, 307, 495-498.	0.6	6
25	Optical doping of Al _x Ga _{1-x} N compounds by ion implantation of Tm ions. AIP Conference Proceedings, 2012, , .	0.3	5
26	Correction to "Spectroscopic Analysis of Eu ³⁺ Implanted and Annealed GaN Layers and Nanowires". Journal of Physical Chemistry C, 2016, 120, 6907-6908.	1.5	5
27	The impact of physiological buffer solutions on zinc oxide nanostructures: zinc phosphate conversion. Materials Today Chemistry, 2022, 23, 100629.	1.7	3
28	Prospects on laser processed wide band gap oxides optical materials. Proceedings of SPIE, 2013, , .	0.8	2
29	Defect luminescence in oxides nanocrystals grown by laser assisted techniques. , 2015, , .		2
30	FEATURES OF UTILITARIAN STONEWARE FIRED WITH MICROWAVE RADIATION. , 0, , .		2
31	ZnGa ₂ O ₄ :Mn ²⁺ Phosphors Grown by Laser Floating Zone. Microscopy and Microanalysis, 2012, 18, 105-106.	0.2	0
32	Simultaneous CVD Growth of Nanostructured Carbon Hybrids. NATO Science for Peace and Security Series A: Chemistry and Biology, 2015, , 111-117.	0.5	0