Nuno F Santos

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2243913/publications.pdf

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32	606	567144 15	610775 24
papers	citations	h-index	g-index

33	33	33	578
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A critical review on the production and application of graphene and graphene-based materials in anti-corrosion coatings. Critical Reviews in Solid State and Materials Sciences, 2022, 47, 309-355.	6.8	45
2	The impact of physiological buffer solutions on zinc oxide nanostructures: zinc phosphate conversion. Materials Today Chemistry, 2022, 23, 100629.	1.7	3
3	Label-free plasmonic immunosensor for cortisol detection in a D-shaped optical fiber. Biomedical Optics Express, 2022, 13, 3259.	1.5	73
4	Laser-induced graphene from paper for non-enzymatic uric acid electrochemical sensing in urine. Carbon, 2022, 197, 253-263.	5.4	32
5	IR and UV Laserâ€Induced Graphene: Application as Dopamine Electrochemical Sensors. Advanced Materials Technologies, 2021, 6, 2100007.	3.0	58
6	Dual Transduction of H2O2 Detection Using ZnO/Laser-Induced Graphene Composites. Chemosensors, 2021, 9, 102.	1.8	13
7	Electrochemical Response of Glucose Oxidase Adsorbed on Laser-Induced Graphene. Nanomaterials, 2021, 11, 1893.	1.9	17
8	Electrochemical and photoluminescence response of laser-induced graphene/electrodeposited ZnO composites. Scientific Reports, 2021, 11, 17154.	1.6	13
9	Immunosensing Based on Optical Fiber Technology: Recent Advances. Biosensors, 2021, 11, 305.	2.3	83
10	Insights on luminescence quenching of ZnO tetrapods in the detection of hCG. Applied Surface Science, 2020, 527, 146813.	3.1	15
11	ZnO decorated laser-induced graphene produced by direct laser scribing. Nanoscale Advances, 2019, 1, 3252-3268.	2.2	23
12	Physical Structure and Electrochemical Response of Diamondâ€“Graphite Nanoplatelets: From CVD Synthesis to Label-Free Biosensors. ACS Applied Materials & Interfaces, 2019, 11, 8470-8482.	4.0	16
13	Diamond-Graphite Nanoplatelet Surfaces as Conductive Substrates for the Electrical Stimulation of Cell Functions. ACS Applied Materials & Interfaces, 2017, 9, 1331-1342.	4.0	18
14	Tuning the field emission of graphene-diamond hybrids by pulsed methane flow CVD. Carbon, 2017, 122, 726-736.	5.4	15
15	Spectroscopic analysis of the NIR emission in Tm implanted AlxGa1-xN layers. Journal of Applied Physics, 2016, 120, 081701.	1.1	9
16	Correction to â€œSpectroscopic Analysis of Eu³⁺ Implanted and Annealed GaN Layers and Nanowiresâ€• Journal of Physical Chemistry C, 2016, 120, 6907-6908.	1.5	5
17	Exploring the potential of laser assisted flow deposition grown ZnO for photovoltaic applications. Materials Chemistry and Physics, 2016, 177, 322-329.	2.0	18
18	Simultaneous CVD synthesis of graphene-diamond hybrid films. Carbon, 2016, 98, 99-105.	5.4	19

#	Article	IF	Citations
19	Defect luminescence in oxides nanocrystals grown by laser assisted techniques. , 2015, , .		2
20	Spectroscopic Analysis of Eu³⁺ Implanted and Annealed GaN Layers and Nanowires. Journal of Physical Chemistry C, 2015, 119, 17954-17964.	1.5	13
21	Luminescence studies on SnO2 and SnO2:Eu nanocrystals grown by laser assisted flow deposition. Physical Chemistry Chemical Physics, 2015, 17, 13512-13519.	1.3	19
22	Heat Dissipation Interfaces Based on Vertically Aligned Diamond/Graphite Nanoplatelets. ACS Applied Materials & Interfaces, 2015, 7, 24772-24777.	4.0	14
23	Simultaneous CVD Growth of Nanostructured Carbon Hybrids. NATO Science for Peace and Security Series A: Chemistry and Biology, 2015, , 111-117.	0.5	0
24	Stiff Diamond/Buckypaper Carbon Hybrids. ACS Applied Materials & Interfaces, 2014, 6, 22649-22654.	4.0	12
25	Lattice site location and luminescence studies of AlxGa1â^'xN alloys doped with thulium ions. Nuclear Instruments & Methods in Physics Research B, 2013, 307, 495-498.	0.6	6
26	Prospects on laser processed wide band gap oxides optical materials. Proceedings of SPIE, 2013, , .	0.8	2
27	Microprobe analysis, iono- and photo-luminescence of Mn2+ activated ZnGa2O4 fibres. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 195-200.	0.6	12
28	ZnGa2O4:Mn2+ Phosphors Grown by Laser Floating Zone. Microscopy and Microanalysis, 2012, 18, 105-106.	0.2	0
29	Optical properties of LFZ grown Î²-Ga2O3:Eu3+ fibres. Applied Surface Science, 2012, 258, 9157-9161.	3.1	28
30	Optical doping of Al[sub x]Ga[sub 1â^'x]N compounds by ion implantation of Tm ions. AIP Conference Proceedings, 2012, , .	0.3	5
31	Rare earth co-doping nitride layers for visible light. Materials Chemistry and Physics, 2012, 134, 716-720.	2.0	16
32	FEATURES OF UTILITARIAN STONEWARE FIRED WITH MICROWAVE RADIATION. , 0, , .		2