SÃ³nia O Pereira

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4394611/publications.pdf

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31	808	623574	501076
papers	citations	14 h-index	28 g-index

33	33	33	924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solar spectral management with electrochromic devices including PMMA films doped with biluminescent ionosilicas. Journal of Sol-Gel Science and Technology, 2022, 101, 58-70.	1.1	4
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 Nanoscale ZnO Tetrapod-Based Transducers for Tetracycline Detection. ACS Applied Nano Materials, 2022, 5, 1232-1243.	2.4	5
4	ZnO Transducers for Photoluminescence-Based Biosensors: A Review. Chemosensors, 2022, 10, 39.	1.8	12
5	Optical Studies in Red/NIR Persistent Luminescent Cr-Doped Zinc Gallogermanate (ZGGO:Cr). Applied Sciences (Switzerland), 2022, 12, 2104.	1.3	3
6	Relevance of the Spectral Analysis Method of Tilted Fiber Bragg Grating-Based Biosensors: A Case-Study for Heart Failure Monitoring. Sensors, 2022, 22, 2141.	2.1	4
7	Label-free plasmonic immunosensor for cortisol detection in a D-shaped optical fiber. Biomedical Optics Express, 2022, 13, 3259.	1.5	73
8	Laser-induced graphene from paper for non-enzymatic uric acid electrochemical sensing in urine. Carbon, 2022, 197, 253-263.	5.4	32
9	Cortisol AuPd plasmonic unclad POF biosensor. Biotechnology Reports (Amsterdam, Netherlands), 2021, 29, e00587.	2.1	76
10	IR and UV Laserâ€Induced Graphene: Application as Dopamine Electrochemical Sensors. Advanced Materials Technologies, 2021, 6, 2100007.	3.0	58
11	Dual Transduction of H2O2 Detection Using ZnO/Laser-Induced Graphene Composites. Chemosensors, 2021, 9, 102.	1.8	13
12	Electrochemical Response of Glucose Oxidase Adsorbed on Laser-Induced Graphene. Nanomaterials, 2021, 11, 1893.	1.9	17
13	Immunosensing Based on Optical Fiber Technology: Recent Advances. Biosensors, 2021, 11, 305.	2.3	83
14	Biofunctional Polymer Coated Au Nanoparticles Prepared via RAFT-Assisted Encapsulating Emulsion Polymerization and Click Chemistry. Polymers, 2020, 12, 1442.	2.0	3
15	Cortisol in-fiber ultrasensitive plasmonic immunosensing. IEEE Sensors Journal, 2020, , 1-1.	2.4	49
16	Insights on luminescence quenching of ZnO tetrapods in the detection of hCG. Applied Surface Science, 2020, 527, 146813.	3.1	15
17	TiO2 Nanostructured Films for Electrochromic Paper Based-Devices. Applied Sciences (Switzerland), 2020, 10, 1200.	1.3	21
18	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

#	ARTICLE	IF	CITATIONS
19	Trends in Cr3+ red emissions from ZnGa2O4 nanostructures produced by pulsed laser ablation in a liquid medium. Journal of Physics and Chemistry of Solids, 2019, 129, 413-423.	1.9	10
20	Coupling gold nanoparticles to Dye-Sensitized Solar Cells for an increased efficiency. Electrochimica Acta, 2019, 300, 102-112.	2.6	10
21	Nanofluid Based on Glucoseâ€Derived Carbon Dots Functionalized with [Bmim]Cl for the Next Generation of Smart Windows. Advanced Sustainable Systems, 2019, 3, 1900047.	2.7	11
22	Impact of critical micelle concentration of macroRAFT agents on the encapsulation of colloidal Au nanoparticles. Journal of Colloid and Interface Science, 2019, 545, 251-258.	5.0	4
23	Sustainable Dual-Mode Smart Windows for Energy-Efficient Buildings. ACS Applied Energy Materials, 2019, 2, 1951-1960.	2.5	27
24	Insights into the photoluminescence properties of gel-like carbon quantum dots embedded in poly(methyl methacrylate) polymer. Materials Today Communications, 2019, 18, 32-38.	0.9	11
25	Threeâ€Mode Modulation Electrochromic Device with High Energy Efficiency for Windows of Buildings Located in Continental Climatic Regions. Advanced Sustainable Systems, 2019, 3, 1800115.	2.7	22
26	Luminescent Electrochromic Devices for Smart Windows of Energy-Efficient Buildings. Energies, 2018, 11, 3513.	1.6	16
27	Polymer@gold Nanoparticles Prepared via RAFT Polymerization for Opto-Biodetection. Polymers, 2018, 10, 189.	2.0	25
28	A Comparative Study of Chemical Routes for Coating Gold Nanoparticles via Controlled RAFT Emulsion Polymerization. Particle and Particle Systems Characterization, 2017, 34, 1600202.	1.2	13
29	Biotinylation of optically responsive gold/polyelectrolyte nanostructures. Gold Bulletin, 2015, 48, 3-11.	1.1	8
30	Biofunctionalisation of colloidal gold nanoparticles via polyelectrolytes assemblies. Colloid and Polymer Science, 2014, 292, 33-50.	1.0	52
31	Electrochromic behavior of NiO thin films deposited by e-beam evaporation at room temperature. Solar Energy Materials and Solar Cells, 2014, 120, 109-115.	3.0	111