

SÃ³nia O Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

808
citations

623574

14
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501076

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33
all docs

33
docs citations

33
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochromic behavior of NiO thin films deposited by e-beam evaporation at room temperature. <i>Solar Energy Materials and Solar Cells</i> , 2014, 120, 109-115.	3.0	111
2	Immunosensing Based on Optical Fiber Technology: Recent Advances. <i>Biosensors</i> , 2021, 11, 305.	2.3	83
3	Cortisol AuPd plasmonic unclad POF biosensor. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 29, e00587.	2.1	76
4	Label-free plasmonic immunosensor for cortisol detection in a D-shaped optical fiber. <i>Biomedical Optics Express</i> , 2022, 13, 3259.	1.5	73
5	IR and UV Laser-Induced Graphene: Application as Dopamine Electrochemical Sensors. <i>Advanced Materials Technologies</i> , 2021, 6, 2100007.	3.0	58
6	Biofunctionalisation of colloidal gold nanoparticles via polyelectrolytes assemblies. <i>Colloid and Polymer Science</i> , 2014, 292, 33-50.	1.0	52
7	Cortisol in-fiber ultrasensitive plasmonic immunosensing. <i>IEEE Sensors Journal</i> , 2020, , 1-1.	2.4	49
8	Laser-induced graphene from paper for non-enzymatic uric acid electrochemical sensing in urine. <i>Carbon</i> , 2022, 197, 253-263.	5.4	32
9	Sustainable Dual-Mode Smart Windows for Energy-Efficient Buildings. <i>ACS Applied Energy Materials</i> , 2019, 2, 1951-1960.	2.5	27
10	Polymer@gold Nanoparticles Prepared via RAFT Polymerization for Opto-Biodetection. <i>Polymers</i> , 2018, 10, 189.	2.0	25
11	Three-Mode Modulation Electrochromic Device with High Energy Efficiency for Windows of Buildings Located in Continental Climatic Regions. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800115.	2.7	22
12	TiO ₂ Nanostructured Films for Electrochromic Paper Based-Devices. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1200.	1.3	21
13	Electrochemical Response of Glucose Oxidase Adsorbed on Laser-Induced Graphene. <i>Nanomaterials</i> , 2021, 11, 1893.	1.9	17
14	Luminescent Electrochromic Devices for Smart Windows of Energy-Efficient Buildings. <i>Energies</i> , 2018, 11, 3513.	1.6	16
15	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
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	A Comparative Study of Chemical Routes for Coating Gold Nanoparticles via Controlled RAFT Emulsion Polymerization. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600202.	1.2	13
18	Dual Transduction of H ₂ O ₂ Detection Using ZnO/Laser-Induced Graphene Composites. <i>Chemosensors</i> , 2021, 9, 102.	1.8	13

#	ARTICLE	IF	CITATIONS
19	ZnO Transducers for Photoluminescence-Based Biosensors: A Review. <i>Chemosensors</i> , 2022, 10, 39.	1.8	12
20	Nanofluid Based on Glucose-Derived Carbon Dots Functionalized with [Bmim]Cl for the Next Generation of Smart Windows. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900047.	2.7	11
21	Insights into the photoluminescence properties of gel-like carbon quantum dots embedded in poly(methyl methacrylate) polymer. <i>Materials Today Communications</i> , 2019, 18, 32-38.	0.9	11
22	Trends in Cr ³⁺ red emissions from ZnGa ₂ O ₄ nanostructures produced by pulsed laser ablation in a liquid medium. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 129, 413-423.	1.9	10
23	Coupling gold nanoparticles to Dye-Sensitized Solar Cells for an increased efficiency. <i>Electrochimica Acta</i> , 2019, 300, 102-112.	2.6	10
24	Biotinylation of optically responsive gold/polyelectrolyte nanostructures. <i>Gold Bulletin</i> , 2015, 48, 3-11.	1.1	8
25	Label-Free Nanoscale ZnO Tetrapod-Based Transducers for Tetracycline Detection. <i>ACS Applied Nano Materials</i> , 2022, 5, 1232-1243.	2.4	5
26	Impact of critical micelle concentration of macroRAFT agents on the encapsulation of colloidal Au nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 251-258.	5.0	4
27	Solar spectral management with electrochromic devices including PMMA films doped with biluminescent ionosilicas. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 58-70.	1.1	4
28	Relevance of the Spectral Analysis Method of Tilted Fiber Bragg Grating-Based Biosensors: A Case-Study for Heart Failure Monitoring. <i>Sensors</i> , 2022, 22, 2141.	2.1	4
29	Biofunctional Polymer Coated Au Nanoparticles Prepared via RAFT-Assisted Encapsulating Emulsion Polymerization and Click Chemistry. <i>Polymers</i> , 2020, 12, 1442.	2.0	3
30	The impact of physiological buffer solutions on zinc oxide nanostructures: zinc phosphate conversion. <i>Materials Today Chemistry</i> , 2022, 23, 100629.	1.7	3
31	Optical Studies in Red/NIR Persistent Luminescent Cr-Doped Zinc Gallogermanate (ZGGO:Cr). <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2104.	1.3	3