MÃ¡rcio S GÃ³es

List of Publications by Year
in descending order

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25 papers	1,010 citations	623734 14 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	1659 citing authors

#	Article	IF	Citations
1	Synthesis, Properties, and Applications of Iron Oxides: ÂVersatility and Challenges. Engineering Materials, 2021, , 349-385.	0.6	0
2	Eu3+-doped SiO2â€“Y2O3 containing Sr2+ for application as fingerprinting detector. Optical Materials, 2021, 114, 111018.	3.6	8
3	Probeless and label-free impedimetric biosensing of D-dimer using gold nanoparticles conjugated with dihexadecylphosphate on screen-printed carbon electrodes. Electrochimica Acta, 2021, 397, 139244.	5.2	12
4	Zinc Oxide as a Multifunctional Material: From Biomedical Applications to Energy Conversion and Electrochemical Sensing. Environmental Chemistry for A Sustainable World, 2021, , 251-305.	0.5	3
5	Hematite (Î±-Fe2O3) pure and doped with Eu3+ obtained by high-energy ball milling process. Materials Chemistry and Physics, 2020, 254, 123385.	4.0	11
6	Photoluminescence, thermal stability and structural properties of Eu3+, Dy3+ and Eu3+/Dy3+ doped apatite-type silicates. Journal of Luminescence, 2020, 227, 117500.	3.1	24
7	Insights into electrochemical behavior in laser-scribed electrochemical paper-based analytical devices. Electrochemistry Communications, 2020, 121, 106872.	4.7	18
8	Use of ionic liquid TEA-PS.BF4 as media synthesis of ZnO based on coprecipitation method. Journal of Alloys and Compounds, 2019, 810, 151835.	5.5	2
9	SAM-Based Immunosensor for the Analysis of Thyroxine (T4). Journal of the Electrochemical Society, 2017, 164, B103-B106.	2.9	16
10	Conducting polymers revisited: applications in energy, electrochromism and molecular recognition. Journal of Solid State Electrochemistry, 2017, 21, 2489-2515.	2.5	68
11	Photoluminescent and structural properties of ZnO containing Eu3+ using PEG as precursor. Journal of Luminescence, 2015, 167, 197-203.	3.1	6
12	Er3+-doped Y2O3 obtained by polymeric precursor: Synthesis, structure and upconversion emission properties. Journal of Luminescence, 2014, 149, 333-340.	3.1	30
13	Comparing label free electrochemical impedimetric and capacitive biosensing architectures. Biosensors and Bioelectronics, 2014, 57, 96-102.	10.1	77
14	Sr2CeO4: Electronic and structural properties. Journal of Alloys and Compounds, 2014, 608, 73-78.	5.5	25
15	Critical Water Effect on the Plasmon Band and Visible Light Activity of Au/ZnO Nanocomposites. Journal of Physical Chemistry C, 2014, 118, 2018-2027.	3.1	13
16	EFFECTS OF SURFACE ROUGHNESS ON PROPERTIES OF PASSIVATION OF SELF-ASSEMBLED ORGANIC MONOLAYERS. Quimica Nova, 2014, , .	0.3	1
17	Label free redox capacitive biosensing. Biosensors and Bioelectronics, 2013, 50, 437-440.	10.1	74
18	A Facile Measurement of Heterogeneous Electron Transfer Kinetics. Analytical Chemistry, 2013, 85, 10920-10926.	6.5	6

#	Article	IF	Citations
19	Impedance Spectroscopy Analysis of the Effect of TiO₂ Blocking Layers on the Efficiency of Dye Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 12415-12421.	3.1	73
20	A Dielectric Model of Self-Assembled Monolayer Interfaces by Capacitive Spectroscopy. Langmuir, 2012, 28, 9689-9699.	3.5	79
21	Platinum-coated nanostructured oxides for active catalytic electrodes. Catalysis Communications, 2011, 14, 58-61.	3.3	4
22	Doping saturation in dye-sensitized solar cells based on ZnO:Ga nanostructured photoanodes. Electrochimica Acta, 2011, 56, 6503-6509.	5.2	36
23	Electron Transport in Dye-Sensitized Solar Cells Based on ZnO Nanotubes: Evidence for Highly Efficient Charge Collection and Exceptionally Rapid Dynamics. Journal of Physical Chemistry A, 2009, 113, 4015-4021.	2.5	255
24	Surface Passivation of Nanoporous TiO₂ via Atomic Layer Deposition of ZrO₂ for Solid-State Dye-Sensitized Solar Cell Applications. Journal of Physical Chemistry C, 2009, 113, 18385-18390.	3.1	141
25	Contribution of structural orderâ€“disorder to the room-temperature photoluminescence of lead zirconate titanate powders. Journal of Luminescence, 2007, 127, 689-695.	3.1	28