MÃ¡rcio S GÃ³es

List of Publications by Year
in descending order

25 papers	1,010 citations	623188 14 h-index	610482 24 g-index
25 all docs	25 docs citations	25 times ranked	1659 citing authors

#	Article	IF	Citations
1	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.	1.1	255
2	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.	1.5	141
3	A Dielectric Model of Self-Assembled Monolayer Interfaces by Capacitive Spectroscopy. Langmuir, 2012, 28, 9689-9699.	1.6	79
4	Comparing label free electrochemical impedimetric and capacitive biosensing architectures. Biosensors and Bioelectronics, 2014, 57, 96-102.	5.3	77
5	Label free redox capacitive biosensing. Biosensors and Bioelectronics, 2013, 50, 437-440.	5.3	74
6	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.	1.5	73
7	Conducting polymers revisited: applications in energy, electrochromism and molecular recognition. Journal of Solid State Electrochemistry, 2017, 21, 2489-2515.	1.2	68
8	Doping saturation in dye-sensitized solar cells based on ZnO:Ga nanostructured photoanodes. Electrochimica Acta, 2011, 56, 6503-6509.	2.6	36
9	Er3+-doped Y2O3 obtained by polymeric precursor: Synthesis, structure and upconversion emission properties. Journal of Luminescence, 2014, 149, 333-340.	1.5	30
10	Contribution of structural orderâ€“disorder to the room-temperature photoluminescence of lead zirconate titanate powders. Journal of Luminescence, 2007, 127, 689-695.	1.5	28
11	Sr2CeO4: Electronic and structural properties. Journal of Alloys and Compounds, 2014, 608, 73-78.	2.8	25
12	Photoluminescence, thermal stability and structural properties of Eu3+, Dy3+ and Eu3+/Dy3+ doped apatite-type silicates. Journal of Luminescence, 2020, 227, 117500.	1.5	24
13	Insights into electrochemical behavior in laser-scribed electrochemical paper-based analytical devices. Electrochemistry Communications, 2020, 121, 106872.	2.3	18
14	SAM-Based Immunosensor for the Analysis of Thyroxine (T4). Journal of the Electrochemical Society, 2017, 164, B103-B106.	1.3	16
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.	1.5	13
16	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.	2.6	12
17	Hematite (Î±-Fe2O3) pure and doped with Eu3+ obtained by high-energy ball milling process. Materials Chemistry and Physics, 2020, 254, 123385.	2.0	11
18	Eu3+-doped SiO2â€“Y2O3 containing Sr2+ for application as fingerprinting detector. Optical Materials, 2021, 114, 111018.	1.7	8

#	Article	IF	Citations
19	A Facile Measurement of Heterogeneous Electron Transfer Kinetics. Analytical Chemistry, 2013, 85, 10920-10926.	3.2	6
20	Photoluminescent and structural properties of ZnO containing Eu3+ using PEG as precursor. Journal of Luminescence, 2015, 167, 197-203.	1.5	6
21	Platinum-coated nanostructured oxides for active catalytic electrodes. Catalysis Communications, 2011, 14, 58-61.	1.6	4
22	Zinc Oxide as a Multifunctional Material: From Biomedical Applications to Energy Conversion and Electrochemical Sensing. Environmental Chemistry for A Sustainable World, 2021, , 251-305.	0.3	3
23	Use of ionic liquid TEA-PS.BF4 as media synthesis of ZnO based on coprecipitation method. Journal of Alloys and Compounds, 2019, 810, 151835.	2.8	2
24	EFFECTS OF SURFACE ROUGHNESS ON PROPERTIES OF PASSIVATION OF SELF-ASSEMBLED ORGANIC MONOLAYERS. Quimica Nova, 2014, , .	0.3	1
25	Synthesis, Properties, and Applications of Iron Oxides: ÂVersatility and Challenges. Engineering Materials, 2021, , 349-385.	0.3	0