

Mãrcio S GÃ³es

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,010
citations

623734

14
h-index

610901

24
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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. <i>Journal of Physical Chemistry A</i> , 2009, 113, 4015-4021.	2.5	255
2	Surface Passivation of Nanoporous TiO ₂ via Atomic Layer Deposition of ZrO ₂ for Solid-State Dye-Sensitized Solar Cell Applications. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18385-18390.	3.1	141
3	A Dielectric Model of Self-Assembled Monolayer Interfaces by Capacitive Spectroscopy. <i>Langmuir</i> , 2012, 28, 9689-9699.	3.5	79
4	Comparing label free electrochemical impedimetric and capacitive biosensing architectures. <i>Biosensors and Bioelectronics</i> , 2014, 57, 96-102.	10.1	77
5	Label free redox capacitive biosensing. <i>Biosensors and Bioelectronics</i> , 2013, 50, 437-440.	10.1	74
6	Impedance Spectroscopy Analysis of the Effect of TiO ₂ Blocking Layers on the Efficiency of Dye Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12415-12421.	3.1	73
7	Conducting polymers revisited: applications in energy, electrochromism and molecular recognition. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2489-2515.	2.5	68
8	Doping saturation in dye-sensitized solar cells based on ZnO:Ga nanostructured photoanodes. <i>Electrochimica Acta</i> , 2011, 56, 6503-6509.	5.2	36
9	Er ³⁺ -doped Y ₂ O ₃ obtained by polymeric precursor: Synthesis, structure and upconversion emission properties. <i>Journal of Luminescence</i> , 2014, 149, 333-340.	3.1	30
10	Contribution of structural orderâ€“disorder to the room-temperature photoluminescence of lead zirconate titanate powders. <i>Journal of Luminescence</i> , 2007, 127, 689-695.	3.1	28
11	Sr ₂ CeO ₄ : Electronic and structural properties. <i>Journal of Alloys and Compounds</i> , 2014, 608, 73-78.	5.5	25
12	Photoluminescence, thermal stability and structural properties of Eu ³⁺ , Dy ³⁺ and Eu ³⁺ /Dy ³⁺ doped apatite-type silicates. <i>Journal of Luminescence</i> , 2020, 227, 117500.	3.1	24
13	Insights into electrochemical behavior in laser-scribed electrochemical paper-based analytical devices. <i>Electrochemistry Communications</i> , 2020, 121, 106872.	4.7	18
14	SAM-Based Immunosensor for the Analysis of Thyroxine (T ₄). <i>Journal of the Electrochemical Society</i> , 2017, 164, B103-B106.	2.9	16
15	Critical Water Effect on the Plasmon Band and Visible Light Activity of Au/ZnO Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2018-2027.	3.1	13
16	Probeless and label-free impedimetric biosensing of D-dimer using gold nanoparticles conjugated with dihexadecylphosphate on screen-printed carbon electrodes. <i>Electrochimica Acta</i> , 2021, 397, 139244.	5.2	12
17	Hematite (Î±-Fe ₂ O ₃) pure and doped with Eu ³⁺ obtained by high-energy ball milling process. <i>Materials Chemistry and Physics</i> , 2020, 254, 123385.	4.0	11
18	Eu ³⁺ -doped SiO ₂ â€“Y ₂ O ₃ containing Sr ²⁺ for application as fingerprinting detector. <i>Optical Materials</i> , 2021, 114, 111018.	3.6	8

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19	A Facile Measurement of Heterogeneous Electron Transfer Kinetics. Analytical Chemistry, 2013, 85, 10920-10926.	6.5	6
20	Photoluminescent and structural properties of ZnO containing Eu ³⁺ using PEG as precursor. Journal of Luminescence, 2015, 167, 197-203.	3.1	6
21	Platinum-coated nanostructured oxides for active catalytic electrodes. Catalysis Communications, 2011, 14, 58-61.	3.3	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.	0.5	3
23	Use of ionic liquid TEA-PS.BF ₄ as media synthesis of ZnO based on coprecipitation method. Journal of Alloys and Compounds, 2019, 810, 151835.	5.5	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: Versatility and Challenges. Engineering Materials, 2021, , 349-385.	0.6	0