

Renata C Lima

List of Publications by Year in descending order

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34
papers

1,164
citations

331538

21
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377752

34
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34
docs citations

34
times ranked

1732
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental study of effects of Co ²⁺ doping on structural and electronic properties of ZnO. <i>Journal of Physics and Chemistry of Solids</i> , 2021, , 110501.	1.9	5
2	One step microwave-hydrothermal synthesis of rGO@TiO ₂ nanocomposites for enhanced electrochemical oxygen evolution reaction. <i>New Journal of Chemistry</i> , 2020, 44, 6825-6832.	1.4	22
3	Joint Theoretical and Experimental Study on the La Doping Process in In ₂ O ₃ : Phase Transition and Electrocatalytic Activity. <i>Inorganic Chemistry</i> , 2019, 58, 11738-11750.	1.9	22
4	Effect of Gd ³⁺ doping on structural and photocatalytic properties of ZnO obtained by facile microwave-hydrothermal method. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	23
5	Palladium doping of In ₂ O ₃ towards a general and selective catalytic hydrogenation of amides to amines and alcohols. <i>Catalysis Science and Technology</i> , 2019, 9, 6965-6976.	2.1	19
6	Size Controllable Metal Nanoparticles Anchored on Nitrogen Doped Carbon for Electrocatalytic Energy Conversion. <i>ChemElectroChem</i> , 2019, 6, 1508-1513.	1.7	4
7	Influence of Al ₂ O ₃ nanoparticles structure immobilized upon glassy-carbon electrode on the electrocatalytic oxidation of phenolic compounds. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 646-654.	4.0	28
8	Characterization and electrochemical performance of CeO ₂ and Eu-doped CeO ₂ films as a manganese redox flow battery component. <i>Journal of Rare Earths</i> , 2018, 36, 1074-1083.	2.5	24
9	Effect of Er ³⁺ ions on the phase formation and properties of In ₂ O ₃ nanostructures crystallized upon microwave heating. <i>Journal of Solid State Chemistry</i> , 2017, 249, 58-63.	1.4	14
10	Effects of microwave-assisted hydrothermal treatment and of use of capping reagent on the photophysical properties of SrMoO ₄ phosphors. <i>Journal of Luminescence</i> , 2017, 192, 818-826.	1.5	16
11	rGO-ZnO nanocomposites for high electrocatalytic effect on water oxidation obtained by microwave-hydrothermal method. <i>Applied Surface Science</i> , 2017, 423, 743-751.	3.1	59
12	Morphology of ZnO nanoparticles bound to carbon nanotubes affects electrocatalytic oxidation of phenolic compounds. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 557-565.	4.0	29
13	Rapid synthesis of Co, Ni co-doped ZnO nanoparticles: Optical and electrochemical properties. <i>Journal of Solid State Chemistry</i> , 2015, 230, 343-349.	1.4	35
14	Rapid Preparation of (BiO) ₂ CO ₃ Nanosheets by Microwave-Assisted Hydrothermal Method with Promising Photocatalytic Activity Under UV-Vis Light. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	3
15	Effect of process parameters on photophysical properties and barium molybdate phosphors characteristics. <i>Ceramics International</i> , 2014, 40, 6719-6729.	2.3	31
16	Rapid preparation of Bi ³⁺ -FeOOH and Bi ³⁺ -Fe ₂ O ₃ nanostructures by microwave heating and their application in electrochemical sensors. <i>Materials Research Bulletin</i> , 2014, 49, 572-576.	2.7	47
17	Aggregates of gold nanoparticles with complexes containing ruthenium as modifiers in carbon paste electrodes. <i>Polyhedron</i> , 2013, 50, 410-417.	1.0	15
18	Photoluminescence and Magnetism in Mn ²⁺ -Doped ZnO Nanostructures Grown Rapidly by the Microwave Hydrothermal Method. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26222-26227.	1.5	50

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19	Graphite-Composite Electrodes Bulk-Modified with (BiO) ₂ CO ₃ and Bi ₂ O ₃ Plates-Like Nanostructures for Trace Metal Determination by Anodic Stripping Voltammetry. <i>Electroanalysis</i> , 2013, 25, 765-770.	1.5	28
20	Urea-Based Synthesis of Zinc Oxide Nanostructures at Low Temperature. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-7.	1.5	53
21	Formation of β -nickel hydroxide plate-like structures under mild conditions and their optical properties. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2818-2823.	1.4	11
22	In ₂ O ₃ microcrystals obtained from rapid calcination in domestic microwave oven. <i>Materials Research Bulletin</i> , 2010, 45, 1703-1706.	2.7	25
23	ZnO architectures synthesized by a microwave-assisted hydrothermal method and their photoluminescence properties. <i>Solid State Ionics</i> , 2010, 181, 775-780.	1.3	92
24	Indium hydroxide nanocubes and microcubes obtained by microwave-assisted hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2010, 497, L25-L28.	2.8	28
25	Preparation of CeO ₂ by a simple microwave-hydrothermal method. <i>Solid State Ionics</i> , 2009, 180, 288-291.	1.3	81
26	Preparation and characterization of ceria nanospheres by microwave-hydrothermal method. <i>Materials Letters</i> , 2008, 62, 4509-4511.	1.3	206
27	Toward an Understanding of Intermediate- and Short-Range Defects in ZnO Single Crystals. A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8970-8978.	1.1	64
28	Er ³⁺ as marker for order-disorder determination in the PbTiO ₃ system. <i>Chemical Physics</i> , 2007, 335, 7-14.	0.9	28
29	Photoluminescent property of mechanically milled BaWO ₄ powder. <i>Journal of Luminescence</i> , 2007, 126, 741-746.	1.5	26
30	Influence of ligands on the isomerization in [RuCl ₃ (NO)(Pâ€‘P)] complexes, [Pâ€‘P=R ₂ P(CH ₂) _n PR ₂ (n=1â€‘3) and R ₂ P(CH ₂)POR ₂ , PR ₂ â€‘CHCHâ€‘PR ₂ , R=Ph and (C ₆ H ₁₁) ₂ P-(CH ₂) ₂ -P(C ₆ H ₁₁) ₂]. <i>Inorganica Chimica Acta</i> , 2006, 359, 2896-2909.	1.2	19
31	Visible PL Phenomenon at Room Temperature in Disordered Structure of SrWO ₄ Powder. <i>Journal of Computer-Aided Materials Design</i> , 2006, 12, 111-119.	0.7	7
32	Photoluminescence in disordered Sm-doped PbTiO ₃ : Experimental and theoretical approach. <i>Journal of Applied Physics</i> , 2006, 100, 034917.	1.1	26
33	Synthesis of Metal-Oxide Matrix with Embedded Nickel Nanoparticles by a Bottom-up Chemical Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2003, 3, 516-520.	0.9	2
34	Syntheses, characterization and X-ray structures of the fac-[RuCl ₃ (NO)(dppe)] and the trans-[RuCl(NO)(dppe) ₂] ²⁺ species. <i>Journal of Inorganic Biochemistry</i> , 2002, 92, 82-88.	1.5	22