

Juliana S Souza

List of Publications by Year in descending order

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18
papers

326
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of a new composite conductive polyethersulfone membrane using polyaniline (PANI) and reduced graphene oxide (rGO). <i>Chemical Engineering Journal</i> , 2020, 390, 124612.	12.7	67
2	Facile one-pot microwave-assisted synthesis of tungsten-doped BiVO ₄ /WO ₃ heterojunctions with enhanced photocatalytic activity. <i>Materials Research Bulletin</i> , 2020, 125, 110783.	5.2	39
3	ZnO Nanoparticle/Poly(vinyl alcohol) Nanocomposites via Microwave-Assisted Sol-Gel Synthesis for Structural Materials, UV Shielding, and Antimicrobial Activity. <i>ACS Applied Nano Materials</i> , 2021, 4, 7371-7383.	5.0	26
4	Direct polymerization of polyheptazine in the interlamellar spaces of titanate nanotubes enhances visible-light response. <i>Journal of Nanostructure in Chemistry</i> , 2020, 10, 363-376.	9.1	25
5	Visible-light photocatalytic activity of NH ₄ NO ₃ ion-exchanged nitrogen-doped titanate and TiO ₂ nanotubes. <i>Journal of Molecular Catalysis A</i> , 2014, 394, 48-56.	4.8	21
6	Microwave-assisted synthesis of bismuth vanadate nanoflowers decorated with gold nanoparticles with enhanced photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	21
7	Dye Degradation Mechanisms Using Nitrogen Doped and Copper(II) Phthalocyanine Tetracarboxylate Sensitized Titanate and TiO ₂ Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11561-11571.	3.1	20
8	Multihierarchical electrodes based on titanate nanotubes and zinc oxide nanorods for photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 944-952.	10.3	19
9	Controlling Bismuth Vanadate Morphology and Crystalline Structure through Optimization of Microwave-Assisted Synthesis Conditions. <i>Crystal Growth and Design</i> , 2020, 20, 3673-3685.	3.0	19
10	Amyloid-like Self-Assembly of a Hydrophobic Cell-Penetrating Peptide and Its Use as a Carrier for Nucleic Acids. <i>ACS Applied Bio Materials</i> , 2021, 4, 6404-6416.	4.6	18
11	Synthesis, characterization and photoelectrochemical performance of a tris-heteroleptic ruthenium(II) complex having 4,7-dimethyl-1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , 2014, 414, 145-152.	2.4	14
12	Modulating the photocatalytic activity of Ag nanoparticles-titanate nanotubes heterojunctions through control of microwave-assisted synthesis conditions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112264.	3.9	12
13	Modulation of the catalytic activity of porphyrins by lipid-and surfactant-containing nanostructures. <i>Journal of the Brazilian Chemical Society</i> , 2011, , .	0.6	5
14	Microwave-Assisted Synthesis of Bismuth Niobate/Tungsten Oxide Photoanodes for Water Splitting. <i>Topics in Catalysis</i> , 2021, 64, 748-757.	2.8	5
15	Influence of Preparation Methodology on the Photocatalytic Activity of Nitrogen Doped Titanate and TiO ₂ Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5390-5401.	0.9	5
16	Hybrid Conjugates Formed between Gold Nanoparticles and an Amyloidogenic Diphenylalanine-Cysteine Peptide. <i>ChemistrySelect</i> , 2018, 3, 6756-6765.	1.5	4
17	Tailoring a Zinc Oxide Nanorod Surface by Adding an Earth-Abundant Cocatalyst for Induced Sunlight Water Oxidation. <i>ChemPhysChem</i> , 2020, 21, 476-483.	2.1	4
18	Análise vibracional de compostos de coordenação de níquel(II): uma abordagem ao ensino dos grupos pontuais. <i>Química Nova</i> , 2012, 35, 1264-1270.	0.3	2