

Juliana S Souza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microwave-Assisted Synthesis of Bismuth Niobate/Tungsten Oxide Photoanodes for Water Splitting. Topics in Catalysis, 2021, 64, 748-757.	1.3	5
2	ZnO Nanoparticle/Poly(vinyl alcohol) Nanocomposites via Microwave-Assisted Sol-Gel Synthesis for Structural Materials, UV Shielding, and Antimicrobial Activity. ACS Applied Nano Materials, 2021, 4, 7371-7383.	2.4	26
3	Amyloid-like Self-Assembly of a Hydrophobic Cell-Penetrating Peptide and Its Use as a Carrier for Nucleic Acids. ACS Applied Bio Materials, 2021, 4, 6404-6416.	2.3	18
4	Modulating the photocatalytic activity of Ag nanoparticles-titanate nanotubes heterojunctions through control of microwave-assisted synthesis conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 390, 112264.	2.0	12
5	Direct polymerization of polyheptazine in the interlamellar spaces of titanate nanotubes enhances visible-light response. Journal of Nanostructure in Chemistry, 2020, 10, 363-376.	5.3	25
6	Preparation and characterization of a new composite conductive polyethersulfone membrane using polyaniline (PANI) and reduced graphene oxide (rGO). Chemical Engineering Journal, 2020, 390, 124612.	6.6	67
7	Facile one-pot microwave-assisted synthesis of tungsten-doped BiVO ₄ /WO ₃ heterojunctions with enhanced photocatalytic activity. Materials Research Bulletin, 2020, 125, 110783.	2.7	39
8	Tailoring a Zinc Oxide Nanorod Surface by Adding an Earth-Abundant Cocatalyst for Induced Sunlight Water Oxidation. ChemPhysChem, 2020, 21, 476-483.	1.0	4
9	Controlling Bismuth Vanadate Morphology and Crystalline Structure through Optimization of Microwave-Assisted Synthesis Conditions. Crystal Growth and Design, 2020, 20, 3673-3685.	1.4	19
10	Influence of Preparation Methodology on the Photocatalytic Activity of Nitrogen Doped Titanate and TiO ₂ Nanotubes. Journal of Nanoscience and Nanotechnology, 2020, 20, 5390-5401.	0.9	5
11	Microwave-assisted synthesis of bismuth vanadate nanoflowers decorated with gold nanoparticles with enhanced photocatalytic activity. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	21
12	Hybrid Conjugates Formed between Gold Nanoparticles and an Amyloidogenic Diphenylalanine-Cysteine Peptide. ChemistrySelect, 2018, 3, 6756-6765.	0.7	4
13	Dye Degradation Mechanisms Using Nitrogen Doped and Copper(II) Phthalocyanine Tetracarboxylate Sensitized Titanate and TiO ₂ Nanotubes. Journal of Physical Chemistry C, 2016, 120, 11561-11571.	1.5	20
14	Multihierarchical electrodes based on titanate nanotubes and zinc oxide nanorods for photoelectrochemical water splitting. Journal of Materials Chemistry A, 2016, 4, 944-952.	5.2	19
15	Synthesis, characterization and photoelectrochemical performance of a tris-heteroleptic ruthenium(II) complex having 4,7-dimethyl-1,10-phenanthroline. Inorganica Chimica Acta, 2014, 414, 145-152.	1.2	14
16	Visible-light photocatalytic activity of NH ₄ NO ₃ ion-exchanged nitrogen-doped titanate and TiO ₂ nanotubes. Journal of Molecular Catalysis A, 2014, 394, 48-56.	4.8	21
17	Análise vibracional de compostos de coordenação de níquel(II): uma abordagem ao ensino dos grupos pontuais. Química Nova, 2012, 35, 1264-1270.	0.3	2
18	Modulation of the catalytic activity of porphyrins by lipid-and surfactant-containing nanostructures. Journal of the Brazilian Chemical Society, 2011, . .	0.6	5