

Paulo F M De Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

482
citations

759055

12
h-index

839398

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21
all docs

21
docs citations

21
times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemical Strategies for the Preparation of SiO ₂ -Supported AgAu Nanoalloy Catalysts. <i>Frontiers in Chemistry</i> , 2022, 10, 836597.	1.8	5
2	Bringing Earth-Abundant Plasmonic Catalysis to Light: Gram-Scale Mechanochemical Synthesis and Tuning of Activity by Dual Excitation of Antenna and Reactor Sites. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9750-9760.	3.2	7
3	Tandem X-ray absorption spectroscopy and scattering for <i>in situ</i> time-resolved monitoring of gold nanoparticle mechanosynthesis. <i>Chemical Communications</i> , 2020, 56, 10329-10332.	2.2	36
4	Challenges and opportunities in the bottom-up mechanochemical synthesis of noble metal nanoparticles. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16114-16141.	5.2	138
5	Investigating the role of reducing agents on mechanosynthesis of Au nanoparticles. <i>CrystEngComm</i> , 2020, 22, 6261-6267.	1.3	22
6	An Overview on the Development of Electrochemical Capacitors and Batteries – Part I. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200796.	0.3	5
7	An Overview on the Development of Electrochemical Capacitors and Batteries – part II. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200800.	0.3	3
8	Force-Induced Dissolution of Imaginary Mode in Mechanochemical Reaction: Dibenzophenazine Synthesis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21581-21587.	1.5	9
9	A mechano-colloidal approach for the controlled synthesis of metal nanoparticles. <i>Chemical Communications</i> , 2019, 55, 14267-14270.	2.2	13
10	Using Milling To Explore Physical States: The Amorphous and Polymorphic Forms of Dexamethasone. <i>Crystal Growth and Design</i> , 2018, 18, 1748-1757.	1.4	32
11	Comprehensive experimental investigation of mechanically induced 1,4-diazines synthesis in solid state. <i>Tetrahedron</i> , 2017, 73, 2305-2310.	1.0	14
12	Mechanochemical Synthesis and Biological Evaluation of Novel Isoniazid Derivatives with Potent Antitubercular Activity. <i>Molecules</i> , 2017, 22, 1457.	1.7	71
13	Fabrication of biocompatible and stimuli-responsive hybrid microgels with magnetic properties via aqueous precipitation polymerization. <i>Materials Letters</i> , 2016, 175, 296-299.	1.3	21
14	Lowering the Activation Energy under Mechanochemical Conditions: The Case of 2,3-diphenylquinoxaline. <i>ChemistrySelect</i> , 2016, 1, 984-988.	0.7	13
15	Synthesis and characterization of stable aqueous dispersion of functionalized double-coated iron oxide nanoparticles. <i>Materials Letters</i> , 2015, 160, 522-525.	1.3	18
16	Biocompatible and multi-responsive poly(N-vinylcaprolactam)-based microgels: The role of acidic comonomers in the colloidal properties and phase transition as a function of temperature and pH. <i>European Polymer Journal</i> , 2015, 73, 191-201.	2.6	15
17	Solvent-free mechanochemical route for green synthesis of pharmaceutically attractive phenol-hydrazones. <i>RSC Advances</i> , 2014, 4, 56736-56742.	1.7	44
18	Stimuli-Responsive and Biocompatible Poly(N-vinylcaprolactam-co-acrylic acid)-Coated Iron Oxide Nanoparticles by Nanoprecipitation Technique. <i>Journal of Colloid Science and Biotechnology</i> , 2013, 2, 180-194.	0.2	16