

Sebastian Bonardd

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

525
citations

687363

13
h-index

677142

22
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31
all docs

31
docs citations

31
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocomposites with increased dielectric constant based on chitosan and nitrile-modified cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2018, 199, 20-30.	10.2	57
2	A novel environmentally friendly method in solid phase for in situ synthesis of chitosan-gold bionanocomposites with catalytic applications. <i>Carbohydrate Polymers</i> , 2019, 207, 533-541.	10.2	45
3	Improving the performance of chitosan in the synthesis and stabilization of gold nanoparticles. <i>European Polymer Journal</i> , 2015, 68, 419-431.	5.4	44
4	Dipolar Glass Polymers Containing Polarizable Groups as Dielectric Materials for Energy Storage Applications. A Minireview. <i>Polymers</i> , 2019, 11, 317.	4.5	43
5	Thermal and morphological behavior of chitosan/PEO blends containing gold nanoparticles. Experimental and theoretical studies. <i>Carbohydrate Polymers</i> , 2016, 144, 315-329.	10.2	33
6	Biobased Chitosan Nanocomposite Films Containing Gold Nanoparticles: Obtainment, Characterization, and Catalytic Activity Assessment. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16561-16570.	8.0	31
7	The Role of Polymers in the Synthesis of Noble Metal Nanoparticles: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 87-114.	0.9	29
8	Polyitaconates: A New Family of "All-Polymer" Dielectrics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38476-38492.	8.0	28
9	In situ preparation of film and hydrogel bio-nanocomposites of chitosan/fluorescein-copper with catalytic activity. <i>Carbohydrate Polymers</i> , 2018, 180, 200-208.	10.2	24
10	Doped Poly(3-hexylthiophene) Coatings onto Chitosan: A Novel Approach for Developing a Bio-Based Flexible Electronic. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13275-13286.	8.0	22
11	Synthesis of new poly(itaconate)s containing nitrile groups as high dipolar moment entities for the development of dipolar glass polymers with increased dielectric constant. Thermal and dielectric characterization. <i>European Polymer Journal</i> , 2019, 114, 19-31.	5.4	20
12	Novel 3D copper nanoparticles/chitosan/nanoporous alumina (CCSA) membranes with catalytic activity. Characterization and performance in the reduction of methylene blue. <i>Journal of Cleaner Production</i> , 2019, 210, 811-820.	9.3	16
13	A facile one-step synthesis of noble metal nanoparticles in DMSO using poly(ethylene Terephthalate) (PET) as a support. <i>Journal of Applied Polymer Science</i> , 2019, 143, 4711-4718.	4.1	15
14	Recyclable, Immobilized Transition-Metal Photocatalysts. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2-17.	4.3	11
15	An experimental and theoretical comparative study of the entrapment and release of dexamethasone from micellar and vesicular aggregates of PAMAM-PCL dendrimers. <i>European Polymer Journal</i> , 2017, 93, 507-520.	5.4	10
16	New poly(itaconate)s with bulky pendant groups as candidates for "all-polymer" dielectrics. <i>Reactive and Functional Polymers</i> , 2019, 140, 1-13.	4.1	10
17	Increasing the temperature range of dipolar glass polymers through copolymerization: A first approach to dipolar glass copolymers. <i>Polymer</i> , 2020, 203, 122765.	3.8	9
18	Ferrocene-modified dendrimers as support of copper nanoparticles: evaluation of the catalytic activity for the decomposition of ammonium perchlorate. <i>Materials Today Chemistry</i> , 2022, 23, 100631.	3.5	9

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19	Optical and electronic activities of biobased films of chitosan/POTE containing gold nanoparticles: Experimental and theoretical analyses. <i>European Polymer Journal</i> , 2018, 108, 235-249.	5.4	8
20	Optical, morphological and photocatalytic properties of biobased tractable films of chitosan/donor-acceptor polymer blends. <i>Carbohydrate Polymers</i> , 2020, 249, 116822.	10.2	8
21	Interfacial behavior of PAMAM-PCL dendrimers and in situ spontaneous formation of gold nanoparticles at the toluene-water and air-water interfaces: Experimental and theoretical studies. <i>European Polymer Journal</i> , 2016, 84, 188-204.	5.4	7
22	Novel Polyelectrolytes Obtained by Direct Alkylation and Ion Replacement of a New Aromatic Polyamide Copolymer Bearing Pyridinyl Pendant Groups. <i>Polymers</i> , 2021, 13, 1993.	4.5	7
23	Chromophoric Dendrimer-Based Materials: An Overview of Holistic-Integrated Molecular Systems for Fluorescence Resonance Energy Transfer (FRET) Phenomenon. <i>Polymers</i> , 2021, 13, 4404.	4.5	6
24	Biomass-derived isosorbide-based thermoresponsive hydrogel for drug delivery. <i>Soft Matter</i> , 2022, 18, 4963-4972.	2.7	6
25	Exploring the Effect of the Irradiation Time on Photosensitized Dendrimer-Based Nanoaggregates for Potential Applications in Light-Driven Water Photoreduction. <i>Nanomaterials</i> , 2019, 9, 1316.	4.1	5
26	Photo-active chitosan-based hybrid films. <i>European Polymer Journal</i> , 2020, 122, 109373.	5.4	5
27	The Role of Polymers in the Synthesis of Noble Metal Nanoparticles: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 87-114.	0.9	5
28	Physicochemical properties of L-alpha dipalmitoyl phosphatidylcholine large unilamellar vesicles: Effect of hydrophobic block (PLA/PCL) of amphipathic diblock copolymers. <i>Chemistry and Physics of Lipids</i> , 2020, 230, 104927.	3.2	4
29	Molecular Weight Enables Fine-Tuning the Thermal and Dielectric Properties of Polymethacrylates Bearing Sulfonyl and Nitrile Groups as Dipolar Entities. <i>Polymers</i> , 2021, 13, 317.	4.5	3
30	A facile approach for tuning optical and surface properties of novel biobased Alginate/POTE handleable films via solvent vapor exposure. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 258-268.	7.5	3
31	Efficient One-Pot Preparation of Thermoresponsive Polyurethanes with Lower Critical Solution Temperatures. <i>ChemPlusChem</i> , 2021, 86, 1570-1576.	2.8	2