

Artur Bento

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

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840585

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docs citations

17
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of bacillamide and newly synthesized derivatives on the growth of cyanobacteria and microalgae cultures. <i>Journal of Applied Phycology</i> , 2009, 21, 429-442.	1.5	43
2	Gas permeability properties of decorated MCM-41/polyethylene hybrids prepared by in-situ polymerization. <i>Journal of Membrane Science</i> , 2012, 415-416, 702-711.	4.1	42
3	Thermo and photo-oxidation of functionalized metallocene high density polyethylene: Effect of hydrophilic groups. <i>Polymer Degradation and Stability</i> , 2015, 111, 78-88.	2.7	36
4	MoO ₂ nanoparticles as highly efficient olefin epoxidation catalysts. <i>Applied Catalysis A: General</i> , 2015, 504, 399-407.	2.2	32
5	Effects of tryptamine on growth, ultrastructure, and oxidative stress of cyanobacteria and microalgae cultures. <i>Hydrobiologia</i> , 2010, 649, 195-206.	1.0	29
6	Hybrid materials based on polyethylene and MCM-41 microparticles functionalized with silanes: Catalytic aspects of in situ polymerization, crystalline features and mechanical properties. <i>Microporous and Mesoporous Materials</i> , 2016, 232, 86-96.	2.2	26
7	Decorated MCM-41/polyethylene hybrids: Crystalline details and viscoelastic behavior. <i>Polymer</i> , 2013, 54, 2611-2620.	1.8	25
8	Studies of Benzothiazole and Benzoselenazole Squaraines as Fluorescent Probes for Albumins Detection. <i>Journal of Fluorescence</i> , 2008, 18, 877-882.	1.3	24
9	The molecular structure and multifunctionality of the cryptic plant polymer suberin. <i>Materials Today Bio</i> , 2020, 5, 100039.	2.6	24
10	Functionalization of Mesoporous MCM-41 (Nano)particles: Preparation Methodologies, Role on Catalytic Features, and Dispersion Within Polyethylene Nanocomposites. <i>ChemCatChem</i> , 2013, 5, 966-976.	1.8	14
11	Catalytic Application of Fe-doped MoO ₂ Tremella-Like Nanosheets. <i>Topics in Catalysis</i> , 2016, 59, 1123-1131.	1.3	11
12	An Ionic Liquid Extraction That Preserves the Molecular Structure of Cutin Shown by Nuclear Magnetic Resonance. <i>Plant Physiology</i> , 2020, 184, 592-606.	2.3	11
13	Porous materials as delivery and protective agents for Vitamin A. <i>RSC Advances</i> , 2016, 6, 66495-66504.	1.7	8
14	Quantification of Structure-Property Relationships for Plant Polyesters Reveals Suberin and Cutin Idiosyncrasies. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15780-15792.	3.2	8
15	<i>Pinus radiata</i> bark sequentially processed using scCO ₂ and an ionic liquid catalyst yields plentiful resin acids and alkanolic acids enriched suberin. <i>Industrial Crops and Products</i> , 2022, 185, 115172.	2.5	8
16	Reactivity of cationic η^5 -diimine cyclopentadienyl nickel complexes towards AlEt ₂ Cl: synthesis, characterisation and ethylene polymerisation. <i>Catalysis Science and Technology</i> , 2017, 7, 3128-3142.	2.1	6