Andreia F Peixoto

List of Publications by Year
in descending order

48 papers	1,244 citations	361045 20 h-index	377514 34 g-index
49 all docs	49 docs citations	49 times ranked	1623 citing authors

#	Article	IF	Citations
1	Optimizing the extraction of phenolic antioxidants from chestnut shells by subcritical water extraction using response surface methodology. Food Chemistry, 2021, 334, 127521.	4.2	117
2	Catalytic performance and electrochemical behaviour of Metalâ€“organic frameworks: MIL-101(Fe) versus NH2-MIL-101(Fe). Polyhedron, 2017, 127, 464-470.	1.0	82
3	Physicochemical characterization of organosilylated halloysite clay nanotubes. Microporous and Mesoporous Materials, 2016, 219, 145-154.	2.2	79
4	Metallo(salen) complexes as versatile building blocks for the fabrication of molecular materials and devices with tuned properties. Coordination Chemistry Reviews, 2019, 394, 104-134.	9.5	74
5	Synthesis, Photophysical Studies and Anticancer Activity of a New Halogenated Waterâ€Soluble Porphyrin. Photochemistry and Photobiology, 2007, 83, 897-903.	1.3	73
6	Nitrogen-doped metal-free carbon catalysts for (electro)chemical CO₂ conversion and valorisation. Dalton Transactions, 2019, 48, 13508-13528.	1.6	71
7	Double Optimization of Rivastigmine-Loaded Nanostructured Lipid Carriers (NLC) for Nose-to-Brain Delivery Using the Quality by Design (QbD) Approach: Formulation Variables and Instrumental Parameters. Pharmaceutics, 2020, 12, 599.	2.0	61
8	Green-Sustainable Recovery of Phenolic and Antioxidant Compounds from Industrial Chestnut Shells Using Ultrasound-Assisted Extraction: Optimization and Evaluation of Biological Activities In Vitro. Antioxidants, 2020, 9, 267.	2.2	51
9	Sulfonic acid functionalized silica nanoparticles as catalysts for the esterification of linoleic acid. New Journal of Chemistry, 2017, 41, 3595-3605.	1.4	35
10	HSO3-functionalized halloysite nanotubes: New acid catalysts for esterification of free fatty acid mixture as hybrid feedstock model for biodiesel production. Applied Catalysis A: General, 2018, 568, 221-230.	2.2	33
11	Highly Active Ruthenium Supported on Magnetically Recyclable Chitosanâ€Based Nanocatalyst for Nitroarenes Reduction. ChemCatChem, 2017, 9, 3930-3941.	1.8	31
12	Catalytic Transfer Hydrogenation of Furfural over Co₃O₄â^Al₂O₃ Hydrotalciteâ€derived Catalyst. ChemCatChem, 2020, 12, 1467-1475.	1.8	31
13	Metal-Supported Biochar Catalysts for Sustainable Biorefinery, Electrocatalysis, and Energy Storage Applications: A Review. Catalysts, 2022, 12, 207.	1.6	31
14	Oxidation of Î”4- and Î”5-Steroids with Hydrogen Peroxide Catalyzed by Porphyrin Complexes of MnIIIand FeIII. European Journal of Organic Chemistry, 2004, 2004, 4778-4787.	1.2	29
15	Evaluation of the Extraction Temperature Influence on Polyphenolic Profiles of Vine-Canes (Vitis) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	28
16	Production of ethyl levulinate fuel bioadditive from 5-hydroxymethylfurfural over sulfonic acid functionalized biochar catalysts. Fuel, 2021, 303, 121227.	3.4	28
17	Vine-Canes Valorisation: Ultrasound-Assisted Extraction from Lab to Pilot Scale. Molecules, 2020, 25, 1739.	1.7	26
18	Rhodium(I) N-Heterocyclic Carbene Complexes as Catalysts for Hydroformylation of Olefins: An Overview. Current Organic Synthesis, 2011, 8, 764-775.	0.7	23

#	Article	IF	Citations
19	Ruthenium Supported on Ionically Cross-linked Chitosan-Carrageenan Hybrid MnFe2O4 Catalysts for 4-Nitrophenol Reduction. Catalysts, 2019, 9, 254.	1.6	22
20	Rhodium catalyzed hydroformylation of kaurane derivatives: A route to new diterpenes with potential bioactivity. Applied Catalysis A: General, 2008, 340, 212-219.	2.2	21
21	Hydroformylation of hindered double bonds of natural products with rhodium catalysts: The effect of 3-acetoxy substituent. Journal of Molecular Catalysis A, 2007, 275, 121-129.	4.8	20
22	Copper mesoporous materials as highly efficient recyclable catalysts for the reduction of 4-nitrophenol in aqueous media. Polyhedron, 2018, 150, 69-76.	1.0	20
23	Improved catalytic performance of porous metalâ€“organic frameworks for the ring opening of styrene oxide. CrystEngComm, 2017, 19, 4219-4226.	1.3	19
24	Organosulfonic acid functionalized montmorillonites as solid catalysts for (trans) esterification of free fatty acids and (waste) oils. Renewable Energy, 2020, 146, 2416-2429.	4.3	19
25	The Antidiabetic Effect of Grape Pomace Polysaccharide-Polyphenol Complexes. Nutrients, 2021, 13, 4495.	1.7	19
26	Synthesis of Ortho-alkoxy-aryl Carboxamides via Palladium-Catalyzed Aminocarbonylation. Synthetic Communications, 2009, 39, 1534-1548.	1.1	17
27	Highly active organosulfonic aryl-silica nanoparticles as efficient catalysts for biomass derived biodiesel and fuel additives. Biomass and Bioenergy, 2021, 145, 105936.	2.9	16
28	Characterization of isomeric cationic porphyrins with Î²-pyrrolic substituents by electrospray mass spectrometry: The singular behavior of a potential virus photoinactivator. Journal of the American Society for Mass Spectrometry, 2007, 18, 218-225.	1.2	15
29	Palladium-catalysed reactions of 8-hydroxy- and 8-benzyloxy-5,7-diiodoquinoline under aminocarbonylation conditions. Tetrahedron, 2011, 67, 2402-2406.	1.0	15
30	Acid functionalized coal fly ashes: New solid catalysts for levulinic acid esterification. Catalysis Today, 2020, 357, 74-83.	2.2	14
31	Hydroformylation: a versatile tool for the synthesis of new Î²-formyl-metalloporphyrins. Tetrahedron Letters, 2003, 44, 5593-5595.	0.7	11
32	Sequential reactions from catalytic hydroformylation toward the synthesis of amino compounds. Tetrahedron, 2017, 73, 2389-2395.	1.0	11
33	Efficient Continuous Production of the Biofuel Additive 5â€(tâ€•Butoxymethyl) Furfural from 5â€Hydroxymethylfurfural. Energy Technology, 2019, 7, 1900780.	1.8	11
34	Stereoselectivity Inversion by Water Addition in the â^'SO 3 Hâ€catalyzed Tandem Prinsâ€Ritter Reaction for Synthesis of 4â€amidotetrahydropyran Derivatives. ChemCatChem, 2020, 12, 2605-2609.	1.8	11
35	Improving regioselectivity in the rhodium catalyzed hydroformylation of protoporphyrin-IX and chlorophyll a derivatives. Journal of Molecular Catalysis A, 2005, 235, 185-193.	4.8	10
36	Selective hydrogenation of Î±,Î²-unsaturated oxosteroids with homogeneous rhodium catalysts. Journal of Molecular Catalysis A, 2006, 247, 275-282.	4.8	9

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37	Catalytic synthesis of bioactive 2H-chromene alcohols from (â˜)-isopulegol and acetone on sulfonated clays. Reaction Kinetics, Mechanisms and Catalysis, 2020, 129, 627-644.	0.8	9
38	Silica-Supported Copper for the Preparation of trans-4,5-Diamino-Cyclopent-2-Enones under Continuous Flow Conditions. ACS Sustainable Chemistry and Engineering, 2021, 9, 16038-16043.	3.2	9
39	Synthesis and Characterization of a Lipidic Alpha Amino Acid: Solubility and Interaction with Serum Albumin and Lipid Bilayers. Journal of Physical Chemistry B, 2013, 117, 3439-3448.	1.2	7
40	A novel generation of hybrid photochromic vinylidene-naphthofuran silica nanoparticles through fine-tuning of surface chemistry. Dalton Transactions, 2017, 46, 9076-9087.	1.6	7
41	Prins cyclization of (-)-isopulegol with benzaldehyde for production of chromenols over organosulfonic clays. Molecular Catalysis, 2019, 478, 110569.	1.0	7
42	Mechanochemical Preparation of Pd(II) and Pt(II) Composites with Carbonaceous Materials and Their Application in the Suzuki-Miyaura Reaction at Several Energy Inputs. Molecules, 2020, 25, 2951.	1.7	5
43	Glycerol Valorization over ZrO2-Supported Copper Nanoparticles Catalysts Prepared by Chemical Reduction Method. Catalysts, 2021, 11, 1040.	1.6	5
44	Maximization of regioselectivity in hydroformylation of vinyl-aromatics using simple factorial design. Journal of Molecular Catalysis A, 2007, 267, 234-240.	4.8	4
45	Subcritical Water Extraction of Phenolic Compounds from Vineyard Pruning Residues: Evaluation of Chemical Composition and Bioactive Properties. , 2021, 6, .		3
46	Application of Fe-rich coal fly ashes to enhanced reduction of 4-nitrophenol. , 2022, 2, 100019.		3
47	Synthesis of Chiral Bis-MOP-type Diphosphines. Chelating Effect in Nickel-catalyzed Phosphination. Chemistry Letters, 2013, 42, 37-39.	0.7	1
48	Application of the Quality-by-Design (QbD) Approach to Improve the Nose-to-Brain Delivery of Diazepam-Loaded Nanostructured Lipid Carriers (NLCs). Proceedings (mdpi), 2020, 78, .	0.2	1