

Ines A M N Matos

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

958
citations

393982

19
h-index

454577

30
g-index

40
all docs

40
docs citations

40
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	Activated carbons from sisal waste by chemical activation with K ₂ CO ₃ : Kinetics of paracetamol and ibuprofen removal from aqueous solution. <i>Bioresource Technology</i> , 2011, 102, 8253-8260.	4.8	132
2	Porous carbon: A versatile material for catalysis. <i>Catalysis Today</i> , 2017, 285, 194-203.	2.2	94
3	High efficacy on diclofenac removal by activated carbon produced from potato peel waste. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 1989-2000.	1.8	70
4	The effect of surfactants on the porosity of carbon xerogels. <i>Microporous and Mesoporous Materials</i> , 2006, 92, 38-46.	2.2	56
5	Effect of solution pH and influence of water hardness on caffeine adsorption onto activated carbons. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 68-77.	0.9	56
6	New and Advanced Porous Carbon Materials in Fine Chemical Synthesis. <i>Emerging Precursors of Porous Carbons. Catalysts</i> , 2019, 9, 133.	1.6	56
7	Titanium and zirconium ketimide complexes: synthesis and ethylene polymerisation catalysis. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 874-884.	0.8	33
8	Activated carbon as a catalyst for the synthesis of N-alkylimidazoles and imidazolium ionic liquids. <i>Catalysis Today</i> , 2012, 187, 108-114.	2.2	32
9	Cr(III) removal from synthetic and industrial wastewaters by using co-gasification chars of rice waste streams. <i>Bioresource Technology</i> , 2018, 266, 139-150.	4.8	29
10	Mesoporous carbon as an efficient catalyst for alcoholysis and aminolysis of epoxides. <i>Applied Catalysis A: General</i> , 2012, 439-440, 24-30.	2.2	28
11	Methoxylation of β -pinene over heteropolyacids immobilized in silica. <i>Applied Catalysis A: General</i> , 2010, 373, 140-146.	2.2	24
12	Acid-Activated Carbon Materials: Cheaper Alternative Catalysts for the Synthesis of Substituted Quinolines. <i>ChemCatChem</i> , 2013, 5, 3736-3742.	1.8	24
13	Carbon-Based Materials for the Development of Highly Dispersed Metal Catalysts: Towards Highly Performant Catalysts for Fine Chemical Synthesis. <i>Catalysts</i> , 2020, 10, 1407.	1.6	24
14	Alkoxylation of camphene over silica-occluded tungstophosphoric acid. <i>Applied Catalysis A: General</i> , 2013, 451, 36-42.	2.2	22
15	Reactivity of a new family of diamido-diamine cyclam-based zirconium complexes in ethylene polymerization. <i>Inorganica Chimica Acta</i> , 2010, 363, 1823-1830.	1.2	21
16	Catalytic degradation of low and high density polyethylenes using ethylene polymerization catalysts: Kinetic studies using simultaneous TG/DSC analysis. <i>Applied Catalysis A: General</i> , 2010, 374, 170-179.	2.2	21
17	Methoxylation of β -pinene over mesoporous carbons and microporous carbons: A comparative study. <i>Microporous and Mesoporous Materials</i> , 2014, 199, 66-73.	2.2	21
18	Alkylation, Cation Formation, and Insertion Reactions in Titanium Tris(ketimide) Complexes. <i>Organometallics</i> , 2007, 26, 119-127.	1.1	20

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19	Activation of co-pyrolysis chars from rice wastes to improve the removal of Cr ³⁺ from simulated and real industrial wastewaters. <i>Journal of Cleaner Production</i> , 2020, 267, 121993.	4.6	20
20	Biodiesel production waste as promising biomass precursor of reusable activated carbons for caffeine removal. <i>RSC Advances</i> , 2016, 6, 45419-45427.	1.7	19
21	SBA-15 with sulfonic acid groups as a Green Catalyst for the acetoxylation of α -pinene. <i>Microporous and Mesoporous Materials</i> , 2012, 163, 237-242.	2.2	17
22	Zeolites Efficiently Promote the Cyclization of Nonactivated Unsaturated Alcohols. <i>Chemistry - A European Journal</i> , 2010, 16, 12079-12082.	1.7	15
23	Experimental and theoretical study of pyrazole N-alkylation catalyzed by basic modified molecular sieves. <i>Chemical Engineering Journal</i> , 2010, 161, 377-383.	6.6	15
24	Enhanced Catalytic Properties of Carbon supported Zirconia and Sulfated Zirconia for the Green Synthesis of Benzodiazepines. <i>ChemCatChem</i> , 2018, 10, 5215-5223.	1.8	15
25	Ethylene polymerization over transition-metal supported catalysts. II. Cr on zeolite, silica, and charcoal: Characterization and activity studies. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3768-3780.	2.5	14
26	Study of the removal mechanism of aquatic emergent pollutants by new bio-based chars. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22698-22708.	2.7	12
27	Copolymerization of ethylene with unsaturated alcohols and methylmethacrylate using a silylated α -diimine nickel catalyst: Molecular modeling and photodegradation studies. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1820-1832.	1.3	10
28	Intramolecular Hydroalkoxylation of Non-Activated C=C Bonds Catalysed by Zeolites: An Experimental and Theoretical Study. <i>ChemSusChem</i> , 2013, 6, 1021-1030.	3.6	10
29	Kinetic modeling studies of ethylene polymerization reactions using supported chromium catalysts. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3464-3472.	2.5	8
30	Biocompatible locust bean gum as mesoporous carriers for naproxen delivery. <i>Materials Chemistry and Physics</i> , 2020, 239, 121973.	2.0	8
31	Char from Spent Tire Rubber: A Potential Adsorbent of Remazol Yellow Dye. <i>Journal of Carbon Research</i> , 2019, 5, 76.	1.4	7
32	Dielectric and thermal characterization of low density ethylene/10-undecanol copolymers prepared with nickel catalysts. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 2802-2812.	2.4	5
33	Enhancing the biodiesel manufacturing process by use of glycerin to produce hyacinth fragrance. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1551-1563.	2.1	5
34	Recovery of phenolic compounds from multi-component solution by a synthesized activated carbon using resorcinol and formaldehyde. <i>Water Science and Technology</i> , 2018, 77, 456-466.	1.2	5
35	Ethylene polymerisation by Ni-diphosphine azine complexes. <i>Polymer International</i> , 2007, 56, 613-620.	1.6	3
36	Synthesis and characterization of titanium ketimide complexes Ti(NCtBu) ₂ nCl _{4-n} (n=1, 2): Ethylene polymerization studies. <i>Catalysis Today</i> , 2008, 133-135, 647-653.	2.2	3

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37	Photodegradation of ethylene/propylene/polar monomers, co-, and terpolymers. II. Prepared by Ni catalyst systems. Journal of Applied Polymer Science, 2007, 104, 1783-1791.	1.3	2
38	Ethylene Polymerization over Transition Metal Supported Catalysts. III. Vanadium. E-Polymers, 2006, 6, .	1.3	1
39	Structure, morphology and interfacial behaviour of ethylene/methacrylate copolymers. Journal of Polymer Research, 2013, 20, 1.	1.2	1
40	Heterogeneization of alpha diimines nickel catalysts for the polymerization of ethylene and methylmethacrylate. E-Polymers, 2010, 10, .	1.3	0