Luiz Fernando B Malta

List of Publications by Year
in descending order

35 papers	474 citations	759233 12 h-index	713466 21 g-index
39 all docs	39 docs citations	39 times ranked	612 citing authors

#	Article	IF	Citations
1	Thermoresponsive Starch Hydrogel Stabilized Pd Nanoparticles: Soft Catalyst for the Preparation of (Â±)-Î±-Methylbiphenylalanine in Water Aiming at Bioorthogonal Chemistries. Catalysis Letters, 2021, 151, 844-852.	2.6	2
2	Cyclodextrin â€•Stabilized Palladium Nanoparticles on Ceria: Investigation of Support Interactions and Pivotal Promotion in the Suzukiâ€Miyaura Reaction. ChemistrySelect, 2020, 5, 7227-7235.	1.5	4
3	Dye-Sensitized Solar Cells: Components Screening for Glass substrate, Counter-Electrode, Photoanode and Electrolyte. Materials Research, 2020, 23, .	1.3	8
4	Layered Double Hydroxides as Bifunctional Catalysts for the Aryl Borylation under Ligand-Free Conditions. Catalysts, 2019, 9, 302.	3.5	8
5	REVISITING THE NUCLEOPHILICITY CONCEPT IN A COMPREHENSIVE BIOMASS VALORIZATION EXPERIMENT: FROM PAPAYA SEEDS TO THIOUREA MOTIFS. Quimica Nova, 2019, , .	0.3	1
6	Revealing Pd Nanoparticles Formation from PEGâ€Mediated Decomposition of Organometallic Precursor and Their Application as Catalyst for the Synthesis of nâ€Extended Carbazoles.. ChemistrySelect, 2018, 3, 9725-9730.	1.5	2
7	Thermal behavior of LDH 2CuAl.CO3 and 2CuAl.CO3/Pd. Journal of Thermal Analysis and Calorimetry, 2017, 130, 689-694.	3.6	9
8	Palladium on Layered Double Hydroxide: A Heterogeneous System for the Enol Phosphate Carbon-Oxygen Bond Activation in Aqueous Media. Journal of Chemistry, 2017, 2017, 1-10.	1.9	5
9	Metal-catalyzed cross-coupling reactions with supported nanoparticles: Recent developments and future directions. Catalysis Reviews - Science and Engineering, 2016, 58, 439-496.	12.9	19
10	Inclusion compounds of dibenzylthiourea with hydroxypropylated-cyclodextrins for corrosion protection of carbon steel in acidic medium. Journal of Molecular Structure, 2016, 1125, 331-339.	3.6	12
11	Selectivity Studies Towards the Synthesis of Novel Biaryl Ureas by (Hetero)Nanocatalysis: Size Control and Support Effects. ChemCatChem, 2016, 8, 192-199.	3.7	13
12	Characterization of a Ternary System Based on Hybrid Nanoparticles. Journal of Nanoscience and Nanotechnology, 2016, 16, 2822-2831.	0.9	2
13	Simple and efficient methodology to prepare guanidines from 1,3-disubstituted thioureas. Tetrahedron Letters, 2016, 57, 1585-1588.	1.4	8
14	Copper-catalyzed Câ€“N cross-coupling reactions for the preparation of aryl diamines applying mild conditions. Tetrahedron Letters, 2013, 54, 2332-2335.	1.4	12
15	A Simple Approach for the Synthesis of Gold Nanoparticles Mediated by Layered Double Hydroxide. Journal of Nanomaterials, 2013, 2013, 1-6.	2.7	6
16	A Ternary Catalytic System for the Room Temperature Suzuki-Miyaura Reaction in Water. Scientific World Journal, The, 2013, 2013, 1-8.	2.1	5
17	Raman and Rietveld structural characterization of sintered alkaline earth doped ceria. Materials Chemistry and Physics, 2012, 135, 957-964.	4.0	21
18	Hydrophilic cyclodextrin protected Pd nanoclusters: insights into their size control and hostâ€“guest behavior. Journal of Materials Chemistry, 2011, 21, 13516.	6.7	6

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19	Evaluation of synthetic routes to pigmentary grade bismuth vanadate. Dyes and Pigments, 2011, 90, 36-40.	3.7	21
20	Catalytic Applications of Heterogeneous Systems Based on Cyclodextrins. Current Organic Chemistry, 2010, 14, 1337-1355.	1.6	12
21	Ligand-free Suzukiâ€"Miyaura reactions in PEG 300. Tetrahedron Letters, 2010, 51, 3883-3885.	1.4	27
22	Hydroxypropylâ€Î±â€Cyclodextrinâ€Capped Palladium Nanoparticles: Active Scaffolds for Efficient Carbonâ€Carbon Bond Forming Crossâ€Couplings in Water. Advanced Synthesis and Catalysis, 2009, 351, 2411-2422.	4.3	95
23	Chiral Recognition of 2-Hydroxypropyl-alpha-cyclodextrin Towards DLTryptophan. Letters in Organic Chemistry, 2009, 6, 258-263.	0.5	4
24	Recognition mechanism of d- and l-tryptophan enantiomers using 2-hydroxypropyl-Î±- or Î²-cyclodextrins as chiral selectors. Tetrahedron: Asymmetry, 2008, 19, 1182-1188.	1.8	36
25	Palladium on Calcium Carbonate Combined to 2â€Hydroxypropylâ€Î±/Î²â€cyclodextrins: A Selective Catalytic System for Aqueous Heck Coupling and Hydroarylation. Advanced Synthesis and Catalysis, 2008, 350, 2551-2558.	4.3	29
26	Pilhas a combustÃvel de Ã³xido sÃ³lido: materiais, componentes e configuraÃ§Ãµes. Quimica Nova, 2007, 30, 189-197.	0.3	31
27	Elucidation of chiral Recognition mechanism of alpha-amino acids using ligand exchange high performance liquid chromatography. Journal of the Brazilian Chemical Society, 2007, 18, 1367-1373.	0.6	4
28	Phosphine-free Heck reactions in aqueous medium using hydroxypropylated cyclodextrins as supramolecular hosts. Tetrahedron Letters, 2007, 48, 8153-8156.	1.4	20
29	Catalytic isosafrol oxidation mediated by impregnated and encapsulated vanadyl-Y-zeolite under microwave irradiation. Applied Catalysis A: General, 2007, 326, 82-88.	4.3	15
30	Thermal analysis and structural characterization of Bi4V2â€"xBaxO11â€"1.5x (0.02â‰xâ‰0.50). Journal of Thermal Analysis and Calorimetry, 2007, 87, 883-886.	3.6	8
31	Supramolecular Complex of 2-Hydroxypropyl-Î²-cyclodextrin with d- and l-tryptophan. Supramolecular Chemistry, 2006, 18, 327-331.	1.2	11
32	Stabilization of Î³â€˜ phase in Bi4V2-xFexIIO11-1.5x series. Journal of Thermal Analysis and Calorimetry, 2005, 81, 149-152.	3.6	4
33	Degradation of some ceria electrolytes under hydrogen contact nearby anode in solid oxide fuel cells (SOFCs). Materials Research, 2004, 7, 209-213.	1.3	2
34	TA of non-stoichiometric ceria obtained via hydrothermal synthesis. Journal of Thermal Analysis and Calorimetry, 2004, 75, 901-910.	3.6	12
35	Screening of sorption conditions of Cd2+ ions by cerium (IV) hydrogenphosphate from aqueous solutions. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	0