

Luiz Fernando B Malta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hydroxypropyl- β -cyclodextrin-Capped Palladium Nanoparticles: Active Scaffolds for Efficient Carbon-Carbon Bond Forming Cross-Couplings in Water. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2411-2422.	4.3	95
2	Recognition mechanism of d- and l-tryptophan enantiomers using 2-hydroxypropyl- β - or γ -cyclodextrins as chiral selectors. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1182-1188.	1.8	36
3	Pilhas a combustível de Óxido sólido: materiais, componentes e configurações. <i>Quimica Nova</i> , 2007, 30, 189-197.	0.3	31
4	Palladium on Calcium Carbonate Combined to β -Hydroxypropyl- β -cyclodextrins: A Selective Catalytic System for Aqueous Heck Coupling and Hydroarylation. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2551-2558.	4.3	29
5	Ligand-free Suzuki-Miyaura reactions in PEG 300. <i>Tetrahedron Letters</i> , 2010, 51, 3883-3885.	1.4	27
6	Evaluation of synthetic routes to pigmentary grade bismuth vanadate. <i>Dyes and Pigments</i> , 2011, 90, 36-40.	3.7	21
7	Raman and Rietveld structural characterization of sintered alkaline earth doped ceria. <i>Materials Chemistry and Physics</i> , 2012, 135, 957-964.	4.0	21
8	Phosphine-free Heck reactions in aqueous medium using hydroxypropylated cyclodextrins as supramolecular hosts. <i>Tetrahedron Letters</i> , 2007, 48, 8153-8156.	1.4	20
9	Metal-catalyzed cross-coupling reactions with supported nanoparticles: Recent developments and future directions. <i>Catalysis Reviews - Science and Engineering</i> , 2016, 58, 439-496.	12.9	19
10	Catalytic isosafrol oxidation mediated by impregnated and encapsulated vanadyl-Y-zeolite under microwave irradiation. <i>Applied Catalysis A: General</i> , 2007, 326, 82-88.	4.3	15
11	Selectivity Studies Towards the Synthesis of Novel Biaryl Ureas by (Hetero)Nanocatalysis: Size Control and Support Effects. <i>ChemCatChem</i> , 2016, 8, 192-199.	3.7	13
12	TA of non-stoichiometric ceria obtained via hydrothermal synthesis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 75, 901-910.	3.6	12
13	Catalytic Applications of Heterogeneous Systems Based on Cyclodextrins. <i>Current Organic Chemistry</i> , 2010, 14, 1337-1355.	1.6	12
14	Copper-catalyzed C-N cross-coupling reactions for the preparation of aryl diamines applying mild conditions. <i>Tetrahedron Letters</i> , 2013, 54, 2332-2335.	1.4	12
15	Inclusion compounds of dibenzylthiourea with hydroxypropylated-cyclodextrins for corrosion protection of carbon steel in acidic medium. <i>Journal of Molecular Structure</i> , 2016, 1125, 331-339.	3.6	12
16	Supramolecular Complex of 2-Hydroxypropyl- γ -cyclodextrin with d- and l-tryptophan. <i>Supramolecular Chemistry</i> , 2006, 18, 327-331.	1.2	11
17	Thermal behavior of LDH $2\text{CuAl}_2(\text{CO}_3)_2$ and $2\text{CuAl}_2(\text{CO}_3)_2/\text{Pd}$. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 689-694.	3.6	9
18	Thermal analysis and structural characterization of $\text{Bi}_4\text{V}_2\text{O}_{11-x}\text{Ba}_x\text{O}_{11-1.5x}$ (0.02 $\leq x \leq$ 0.50). <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 883-886.	3.6	8

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19	Simple and efficient methodology to prepare guanidines from 1,3-disubstituted thioureas. <i>Tetrahedron Letters</i> , 2016, 57, 1585-1588.	1.4	8
20	Layered Double Hydroxides as Bifunctional Catalysts for the Aryl Borylation under Ligand-Free Conditions. <i>Catalysts</i> , 2019, 9, 302.	3.5	8
21	Dye-Sensitized Solar Cells: Components Screening for Glass substrate, Counter-Electrode, Photoanode and Electrolyte. <i>Materials Research</i> , 2020, 23, .	1.3	8
22	Hydrophilic cyclodextrin protected Pd nanoclusters: insights into their size control and host-guest behavior. <i>Journal of Materials Chemistry</i> , 2011, 21, 13516.	6.7	6
23	A Simple Approach for the Synthesis of Gold Nanoparticles Mediated by Layered Double Hydroxide. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	2.7	6
24	A Ternary Catalytic System for the Room Temperature Suzuki-Miyaura Reaction in Water. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	2.1	5
25	Palladium on Layered Double Hydroxide: A Heterogeneous System for the Enol Phosphate Carbon-Oxygen Bond Activation in Aqueous Media. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	1.9	5
26	Stabilization of β phase in Bi ₄ V ₂ -xFe _x O _{11-1.5x} series. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 81, 149-152.	3.6	4
27	Elucidation of chiral Recognition mechanism of alpha-amino acids using ligand exchange high performance liquid chromatography. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1367-1373.	0.6	4
28	Chiral Recognition of 2-Hydroxypropyl-alpha-cyclodextrin Towards DL-Tryptophan. <i>Letters in Organic Chemistry</i> , 2009, 6, 258-263.	0.5	4
29	Cyclodextrin -Stabilized Palladium Nanoparticles on Ceria: Investigation of Support Interactions and Pivotal Promotion in the Suzuki-Miyaura Reaction. <i>ChemistrySelect</i> , 2020, 5, 7227-7235.	1.5	4
30	Degradation of some ceria electrolytes under hydrogen contact nearby anode in solid oxide fuel cells (SOFCs). <i>Materials Research</i> , 2004, 7, 209-213.	1.3	2
31	Characterization of a Ternary System Based on Hybrid Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2822-2831.	0.9	2
32	Revealing Pd Nanoparticles Formation from PEG-Mediated Decomposition of Organometallic Precursor and Their Application as Catalyst for the Synthesis of α -Extended Carbazoles.. <i>ChemistrySelect</i> , 2018, 3, 9725-9730.	1.5	2
33	Thermoresponsive Starch Hydrogel Stabilized Pd Nanoparticles: Soft Catalyst for the Preparation of (\pm)-1-Methylbiphenylalanine in Water Aiming at Bioorthogonal Chemistries. <i>Catalysis Letters</i> , 2021, 151, 844-852.	2.6	2
34	REVISITING THE NUCLEOPHILICITY CONCEPT IN A COMPREHENSIVE BIOMASS VALORIZATION EXPERIMENT: FROM PAPAYA SEEDS TO THIOUREA MOTIFS. <i>Quimica Nova</i> , 2019, , .	0.3	1
35	Screening of sorption conditions of Cd ²⁺ ions by cerium (IV) hydrogenphosphate from aqueous solutions. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	3.6	0