

Michel Ferreira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9526024/publications.pdf>

Version: 2024-02-01

25
papers

588
citations

623699

14
h-index

610883

24
g-index

25
all docs

25
docs citations

25
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional media and technologies for starch etherification and esterification. <i>Green Chemistry</i> , 2018, 20, 1152-1168.	9.0	75
2	Deep eutectic solvents as green absorbents of volatile organic pollutants. <i>Environmental Chemistry Letters</i> , 2017, 15, 747-753.	16.2	66
3	Low melting mixtures based on β -cyclodextrin derivatives and N,N'-dimethylurea as solvents for sustainable catalytic processes. <i>Green Chemistry</i> , 2014, 16, 3876-3880.	9.0	50
4	Catalysis in Cyclodextrin-Based Unconventional Reaction Media: Recent Developments and Future Opportunities. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3598-3606.	6.7	46
5	First Evidence of Cyclodextrin Inclusion Complexes in a Deep Eutectic Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6345-6351.	6.7	41
6	Rhodium catalyzed hydroformylation of 1-decene in low melting mixtures based on various cyclodextrins and N,N'-dimethylurea. <i>Catalysis Communications</i> , 2015, 63, 62-65.	3.3	37
7	Biphasic Aqueous Organometallic Catalysis Promoted by Cyclodextrins: How to Design the Water-Soluble Phenylphosphane to Avoid Interaction with Cyclodextrin. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 609-618.	4.3	36
8	Cyclodextrin/Amphiphilic Phosphane Mixed Systems and their Applications in Aqueous Organometallic Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1337-1346.	4.3	30
9	Complexation of Phosphine Ligands with Peracetylated β -Cyclodextrin in Supercritical Carbon Dioxide: A Spectroscopic Determination of Equilibrium Constants. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2573-2578.	2.6	28
10	Properties and Catalytic Activities of New Easily-Made Amphiphilic Phosphanes for Aqueous Organometallic Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1193-1203.	4.3	27
11	Aqueous biphasic hydroformylation in the presence of cyclodextrins mixtures: evidence of a positive synergistic effect. <i>Dalton Transactions</i> , 2012, 41, 8643.	3.3	24
12	Enhance the rheological and mechanical properties of clayey materials by adding starches. <i>Construction and Building Materials</i> , 2017, 139, 602-610.	7.2	21
13	A Property-Matched Water-Soluble Analogue of the Benchmark Ligand PPh ₃ . <i>ChemSusChem</i> , 2008, 1, 631-636.	6.8	19
14	Hydroformylation of 1-octene in supercritical carbon dioxide: Can alkylation of arylphosphines with tertbutyl groups lead to soluble and active catalytic systems?. <i>Journal of Supercritical Fluids</i> , 2008, 46, 63-70.	3.2	15
15	Rhodium catalyzed hydroformylation assisted by cyclodextrins in biphasic medium: Can sulfonated naphthylphosphanes lead to active, selective and recyclable catalytic species?. <i>Catalysis Today</i> , 2015, 247, 47-54.	4.4	15
16	Synthesis and hydroformylation evaluation of Fréchet-type organometallic dendrons with N,O-salicylaldimine Rh(σ) complexes at the focal point. <i>Dalton Transactions</i> , 2018, 47, 9418-9429.	3.3	14
17	Regioselective Pd-catalyzed hydroamination of substituted dienes. <i>Catalysis Science and Technology</i> , 2013, 3, 1375.	4.1	10
18	New water-soluble Schiff base ligands based on β -cyclodextrin for aqueous biphasic hydroformylation reaction. <i>Pure and Applied Chemistry</i> , 2018, 90, 845-855.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Interaction of water-soluble triphenylphosphines with β -cyclodextrin: a quantum chemistry study. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 1129-1135.	1.9	6
20	Synthesis of 2-Hydroxydodecyl Starch Ethers: Importance of the Purification Process. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2437-2444.	3.7	5
21	Transition Metal Complexes Coordinated by Water Soluble Phosphane Ligands: How Cyclodextrins Can Alter the Coordination Sphere?. <i>Molecules</i> , 2017, 22, 140.	3.8	4
22	Fractal-type metallodendrons with N,P-iminophosphine Rh(I) complexes at the focal point: Synthesis and evaluation in the hydroformylation of 1-octene. <i>Inorganica Chimica Acta</i> , 2020, 502, 119341.	2.4	4
23	Unnatural cyclodextrins can be accessed from enzyme-mediated dynamic combinatorial libraries. <i>Chemical Communications</i> , 2022, 58, 2287-2290.	4.1	4
24	Tetrasulfonated 1,2-bis(diphenylphosphanyl)ethane as a Building Block for the Synthesis of Disulfonated Alkyldiphenylphosphanes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5509-5512.	2.4	2
25	Cleavage of Benzyl Phosphonium Salts as Efficient Bypass for the Synthesis of Disulfonated Alkyldiphenylphosphanes Bearing an Oleum-sensitive Alkyl Group. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3322-3325.	2.4	2