Carmen Moreno-Marrodn

List of Publications by Citations

19	574	14	19
papers	citations	h-index	g-index
19	667	8.8	4.41
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
19	Environmentally Friendly Synthesis of γ-Valerolactone by Direct Catalytic Conversion of Renewable Sources. *ACS Catalysis*, **2015**, 5, 1882-1894	13.1	147
18	Heterogeneous Bifunctional Metal/Acid Catalysts for Selective Chemical Processes. *European Journal of Inorganic Chemistry*, **2012**, 2012, 3807-3823	2.3	57
17	Energy efficient continuous production of γ-valerolactone by bifunctional metal/acid catalysis in one pot. *Green Chemistry*, **2014**, 16, 3434	10	52
16	In situ generation of resin-supported Pd nanoparticles under mild catalytic conditions: a green route to highly efficient, reusable hydrogenation catalysts. *Catalysis Science and Technology*, **2012**, 2, 2279	5.5	43
15	Continuous-flow processes for the catalytic partial hydrogenation reaction of alkynes. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 734-754	2.5	37
14	Selective direct conversion of C5 and C6 sugars to high added-value chemicals by a bifunctional, single catalytic body. *Green Chemistry*, **2016**, 18, 2935-2940	10	35
13	Metal nanoparticles immobilized on ion-exchange resins: A versatile and effective catalyst platform for sustainable chemistry. *Chinese Journal of Catalysis*, **2015**, 36, 1157-1169	11.3	31
12	Biomass-derived chemical substitutes for bisphenol A: recent advancements in catalytic synthesis. *Chemical Society Reviews*, **2020**, 49, 6329-6363	58.5	30
11	Green production of polymer-supported PdNPs: application to the environmentally benign catalyzed synthesis of cis-3-hexen-1-ol under flow conditions. *Dalton Transactions*, **2012**, 41, 12666-9	4.3	26
10	Low-Temperature Continuous-Flow Dehydration of Xylose Over Water-Tolerant Niobia-Titania Heterogeneous Catalysts. *ChemSusChem*, **2018**, 11, 3649-3660	8.3	17
9	Metal Nanoparticles Supported on Perfluorinated Superacid Polymers: A Family of Bifunctional Catalysts for the Selective, One-Pot Conversion of Vegetable Substrates in Water. *ChemCatChem*, **2017**, 9, 4256-4267	5.2	16
8	PdNP@Titanate Nanotubes as Effective Catalyst for Continuous-Flow Partial Hydrogenation Reactions. *ChemCatChem*, **2016**, 8, 1001-1011	5.2	15
7	NanoSelect Precious Metal Catalysts and their Use in Asymmetric Heterogeneous Catalysis. *ChemCatChem*, **2014**, 6, 2904-2909	5.2	15
6	Sustainable processes for the catalytic synthesis of safer chemical substitutes of N-methyl-2-pyrrolidone. *Molecular Catalysis*, **2019**, 466, 60-69	3.3	15
5	A mild route to solid-supported rhodium nanoparticle catalysts and their application to the selective hydrogenation reaction of substituted arenes. *Catalysis Science and Technology*, **2015**, 5, 3762-3772	5.5	14
4	Selective, aerobic oxidation reaction of alcohols by hybrid Pd/ZrO2/PVA catalytic membranes. *Applied Catalysis A: General*, **2017**, 530, 217-225	5.1	7
3	Continuous flow catalytic partial hydrogenation of hydrocarbons and alcohols over hybrid Pd/ZrO2/PVA wall reactors. *Applied Catalysis A: General*, **2018**, 558, 34-43	5.1	6

2	Valorisation of plastic waste via metal-catalysed depolymerisation. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 589-621	2.5	6
1	Sustainable Catalytic Synthesis for a Bio-Based Alternative to the Reach-Restricted N-Methyl-2-Pyrrolidone. *Advanced Sustainable Systems*, **2020**, 4, 1900117	5.9	5