

# Carmen Moreno-Marrodn

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

574  
citations

14  
h-index

19  
g-index

19  
ext. papers

667  
ext. citations

8.8  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
19	Valorisation of plastic waste via metal-catalysed depolymerisation. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 589-621	2.5	6
18	Sustainable Catalytic Synthesis for a Bio-Based Alternative to the Reach-Restricted N-Methyl-2-Pyrrolidone. <i>Advanced Sustainable Systems</i> , <b>2020</b> , 4, 1900117	5.9	5
17	Biomass-derived chemical substitutes for bisphenol A: recent advancements in catalytic synthesis. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 6329-6363	58.5	30
16	Sustainable processes for the catalytic synthesis of safer chemical substitutes of N-methyl-2-pyrrolidone. <i>Molecular Catalysis</i> , <b>2019</b> , 466, 60-69	3.3	15
15	Continuous flow catalytic partial hydrogenation of hydrocarbons and alcohols over hybrid Pd/ZrO <sub>2</sub> /PVA wall reactors. <i>Applied Catalysis A: General</i> , <b>2018</b> , 558, 34-43	5.1	6
14	Low-Temperature Continuous-Flow Dehydration of Xylose Over Water-Tolerant Niobia-Titania Heterogeneous Catalysts. <i>ChemSusChem</i> , <b>2018</b> , 11, 3649-3660	8.3	17
13	Selective, aerobic oxidation reaction of alcohols by hybrid Pd/ZrO <sub>2</sub> /PVA catalytic membranes. <i>Applied Catalysis A: General</i> , <b>2017</b> , 530, 217-225	5.1	7
12	Continuous-flow processes for the catalytic partial hydrogenation reaction of alkynes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 734-754	2.5	37
11	Metal Nanoparticles Supported on Perfluorinated Superacid Polymers: A Family of Bifunctional Catalysts for the Selective, One-Pot Conversion of Vegetable Substrates in Water. <i>ChemCatChem</i> , <b>2017</b> , 9, 4256-4267	5.2	16
10	PdNP@Titanate Nanotubes as Effective Catalyst for Continuous-Flow Partial Hydrogenation Reactions. <i>ChemCatChem</i> , <b>2016</b> , 8, 1001-1011	5.2	15
9	Selective direct conversion of C5 and C6 sugars to high added-value chemicals by a bifunctional, single catalytic body. <i>Green Chemistry</i> , <b>2016</b> , 18, 2935-2940	10	35
8	Metal nanoparticles immobilized on ion-exchange resins: A versatile and effective catalyst platform for sustainable chemistry. <i>Chinese Journal of Catalysis</i> , <b>2015</b> , 36, 1157-1169	11.3	31
7	A mild route to solid-supported rhodium nanoparticle catalysts and their application to the selective hydrogenation reaction of substituted arenes. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 3762-3772	5.5	14
6	Environmentally Friendly Synthesis of $\gamma$ -Valerolactone by Direct Catalytic Conversion of Renewable Sources. <i>ACS Catalysis</i> , <b>2015</b> , 5, 1882-1894	13.1	147
5	Energy efficient continuous production of $\gamma$ -Valerolactone by bifunctional metal/acid catalysis in one pot. <i>Green Chemistry</i> , <b>2014</b> , 16, 3434	10	52
4	NanoSelect Precious Metal Catalysts and their Use in Asymmetric Heterogeneous Catalysis. <i>ChemCatChem</i> , <b>2014</b> , 6, 2904-2909	5.2	15
3	In situ generation of resin-supported Pd nanoparticles under mild catalytic conditions: a green route to highly efficient, reusable hydrogenation catalysts. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 2279	5.5	43

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| 2 | Green production of polymer-supported PdNPs: application to the environmentally benign catalyzed synthesis of cis-3-hexen-1-ol under flow conditions. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12666-9 | 4-3 | 26 |
| 1 | Heterogeneous Bifunctional Metal/Acid Catalysts for Selective Chemical Processes. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 3807-3823   | 2-3 | 57 |