

Marcin Jedrzejczyk

List of Publications by Citations

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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.

25
papers

520
citations

11
h-index

22
g-index

26
ext. papers

630
ext. citations

5.1
avg, IF

3.8
L-index

#	Paper	IF	Citations
25	Role of water in metal catalyst performance for ketone hydrogenation: a joint experimental and theoretical study on levulinic acid conversion into gamma-valerolactone. <i>Chemical Communications</i> , 2014 , 50, 12450-3	5.8	141
24	Ru catalysts for levulinic acid hydrogenation with formic acid as a hydrogen source. <i>Green Chemistry</i> , 2016 , 18, 2014-2028	10	102
23	Titania-Supported Catalysts for Levulinic Acid Hydrogenation: Influence of Support and its Impact on Valerolactone Yield. <i>ChemSusChem</i> , 2015 , 8, 1538-47	8.3	68
22	Supported gold-silver nano-alloy as a highly efficient catalyst in levulinic acid hydrogenation with formic acid as an internal hydrogen source. <i>Catalysis Science and Technology</i> , 2018 , 8, 4318-4331	5.5	41
21	Physical and chemical pretreatment of lignocellulosic biomass 2019 , 143-196		27
20	Enhanced Production of Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO ₂ Supported Ru Catalysts. <i>ChemSusChem</i> , 2019 , 12, 639-650	8.3	21
19	Surface characterization of <i>Miscanthus giganteus</i> and Willow subjected to torrefaction. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019 , 138, 231-241	6	16
18	Wide band gap GaO as efficient UV-C photocatalyst for gas-phase degradation applications. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 26792-26805	5.1	12
17	Structural and spectroscopic characterization and Hirshfeld surface analysis of major component of antibiotic mupirocin (pseudomonic acid A). <i>Journal of Molecular Structure</i> , 2014 , 1076, 126-135	3.4	12
16	Chlorine Influence on Palladium Doped Nickel Catalysts in Levulinic Acid Hydrogenation with Formic Acid as Hydrogen Source. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14607-14613	8.3	12
15	Thermal behavior of silicone rubber-based ceramizable composites characterized by Fourier transform infrared (FT-IR) spectroscopy and microcalorimetry. <i>Applied Spectroscopy</i> , 2013 , 67, 1437-40	3.1	11
14	Understanding the influence of the composition of the Ag Pd catalysts on the selective formic acid decomposition and subsequent levulinic acid hydrogenation. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 17339-17353	6.7	10
13	Impact of the modification method of Ni/ZrO ₂ catalyst by alkali and alkaline earth metals on its activity in thermo-chemical conversion of cellulose. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 22303-22314	6.7	8
12	Solvothermal hydrodeoxygenation of hydroxymethylfurfural derived from biomass towards added value chemicals on Ni/TiO ₂ catalysts. <i>Journal of Supercritical Fluids</i> , 2020 , 163, 104827	4.2	5
11	Time-of-flight secondary ion mass spectrometry as a novel method for surface characterization of carbonaceous material formed during thermochemical conversion of cellulose. <i>International Journal of Mass Spectrometry</i> , 2013 , 336, 43-46	1.9	5
10	Surface characterization of lignocellulosic biomass submitted to pyrolysis. <i>Surface and Interface Analysis</i> , 2014 , 46, 837-841	1.5	5
9	Highly Efficient Production of DMF from Biomass-Derived HMF on Recyclable Ni-Fe/TiO ₂ Catalysts. <i>Energies</i> , 2020 , 13, 4660	3.1	5

8	The Influence of Carbon Nature on the Catalytic Performance of Ru/C in Levulinic Acid Hydrogenation with Internal Hydrogen Source. <i>Molecules</i> , 2020 , 25,	4.8	4
7	Ni-Pd/Al ₂ O ₃ Catalysts in the Hydrogenation of Levulinic Acid and Hydroxymethylfurfural towards Value Added Chemicals. <i>Catalysts</i> , 2020 , 10, 1026	4	4
6	Influence of Modified Epoxy Resins on Peroxide Curing, Mechanical Properties and Adhesion of SBR, NBR and XNBR to Silver Wires-Part II: Application of Carboxy-Containing Peroxy Oligomer (CPO). <i>Materials</i> , 2021 , 14,	3.5	3
5	Influence of Modified Epoxy Resins on Peroxide Curing, Mechanical Properties and Adhesion of SBR, NBR and XNBR to Silver Wires. Part I: Application of Monoperoxy Derivative of Epoxy Resin (PO). <i>Materials</i> , 2021 , 14,	3.5	3
4	High Catalytic Activity of Pt/Al ₂ O ₃ Catalyst in CO Oxidation at Room Temperature: A New Insight into Strong Metal-Support Interactions. <i>Catalysts</i> , 2021 , 11, 1475	4	2
3	Ethanol dehydration by pervaporation using microporous silica membranes. <i>Desalination and Water Treatment</i> , 2013 , 51, 2368-2376		1
2	Thermal stability of poly(N-vinylpyrrolidone) immobilized on the surface of silica in the presence of noble metals in an atmosphere of hydrogen and oxygen. <i>Materials Today Communications</i> , 2021 , 26, 101706	3.5	1
1	Enhanced Production of γ -Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO ₂ Supported Ru Catalysts. <i>ChemSusChem</i> , 2019 , 12, 553	8.3	