

# Marcin JÄdrzejczyk

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

743  
citations

687335

13  
h-index

610883

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 12450-12453.	4.1	168
2	Ru catalysts for levulinic acid hydrogenation with formic acid as a hydrogen source. <i>Green Chemistry</i> , 2016, 18, 2014-2028.	9.0	126
3	Titania-supported Catalysts for Levulinic Acid Hydrogenation: Influence of Support and its Impact on Valerolactone Yield. <i>ChemSusChem</i> , 2015, 8, 1538-1547.	6.8	85
4	Physical and chemical pretreatment of lignocellulosic biomass. , 2019, , 143-196.		57
5	Supported gold-nickel 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.	4.1	51
6	Enhanced Production of Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO <sub>2</sub> Supported Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 639-650.	6.8	35
7	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.	7.1	29
8	Surface characterization of <i>Miscanthus giganteus</i> and Willow subjected to torrefaction. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 138, 231-241.	5.5	22
9	Wide band gap Ga <sub>2</sub> O <sub>3</sub> as efficient UV-C photocatalyst for gas-phase degradation applications. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26792-26805.	5.3	20
10	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.	6.7	19
11	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.	3.6	16
12	Highly Efficient Production of DMF from Biomass-Derived HMF on Recyclable Ni-Fe/TiO <sub>2</sub> Catalysts. <i>Energies</i> , 2020, 13, 4660.	3.1	15
13	Solvothermal hydrodeoxygenation of hydroxymethylfurfural derived from biomass towards added value chemicals on Ni/TiO <sub>2</sub> catalysts. <i>Journal of Supercritical Fluids</i> , 2020, 163, 104827.	3.2	15
14	Thermal Behavior of Silicone Rubber-Based Ceramizable Composites Characterized by Fourier Transform Infrared (FT-IR) Spectroscopy and Microcalorimetry. <i>Applied Spectroscopy</i> , 2013, 67, 1437-1440.	2.2	14
15	Ni-Pd/Al <sub>2</sub> O <sub>3</sub> Catalysts in the Hydrogenation of Levulinic Acid and Hydroxymethylfurfural towards Value Added Chemicals. <i>Catalysts</i> , 2020, 10, 1026.	3.5	14
16	Impact of the modification method of Ni/ZrO <sub>2</sub> 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.	7.1	13
17	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, 1320.	2.9	8
18	High Catalytic Activity of Pt/Al <sub>2</sub> O <sub>3</sub> Catalyst in CO Oxidation at Room Temperature - A New Insight into Strong Metal-Support Interactions. <i>Catalysts</i> , 2021, 11, 1475.	3.5	8

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19	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, 5362.	3.8	6
20	Influence of Modified Epoxy Resins on Peroxide Curing, Mechanical Properties and Adhesion of SBR, NBR and XNBR to Silver Wiresâ€™Part II: Application of Carboxy-Containing Peroxy Oligomer (CPO). <i>Materials</i> , 2021, 14, 1285.	2.9	6
21	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.	1.5	5
22	Surface characterization of lignocellulosic biomass submitted to pyrolysis. <i>Surface and Interface Analysis</i> , 2014, 46, 837-841.	1.8	5
23	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.	1.9	4
24	Ethanol dehydration by pervaporation using microporous silica membranes. <i>Desalination and Water Treatment</i> , 2013, 51, 2368-2376.	1.0	1
25	Enhanced Production of Î³-Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO <sub>2</sub> Supported Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 553.	6.8	0