

# Marcin Jedrzejczyk

## 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.

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	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> , <b>2021</b> , 11, 1475	4	2
24	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> , <b>2021</b> , 14,	3.5	3
23	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> , <b>2021</b> , 14,	3.5	3
22	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> , <b>2021</b> , 26, 101706	2.5	1
21	Solvothermal hydrodeoxygenation of hydroxymethylfurfural derived from biomass towards added value chemicals on Ni/TiO <sub>2</sub> catalysts. <i>Journal of Supercritical Fluids</i> , <b>2020</b> , 163, 104827	4.2	5
20	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> , <b>2020</b> , 45, 17339-17353	6.7	10
19	Highly Efficient Production of DMF from Biomass-Derived HMF on Recyclable Ni-Fe/TiO <sub>2</sub> Catalysts. <i>Energies</i> , <b>2020</b> , 13, 4660	3.1	5
18	The Influence of Carbon Nature on the Catalytic Performance of Ru/C in Levulinic Acid Hydrogenation with Internal Hydrogen Source. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
17	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> , <b>2020</b> , 10, 1026	4	4
16	Physical and chemical pretreatment of lignocellulosic biomass <b>2019</b> , 143-196		27
15	Enhanced Production of $\gamma$ -Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO <sub>2</sub> Supported Ru Catalysts. <i>ChemSusChem</i> , <b>2019</b> , 12, 553	8.3	
14	Surface characterization of Miscanthus giganteus and Willow subjected to torrefaction. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2019</b> , 138, 231-241	6	16
13	Enhanced Production of $\gamma$ -Valerolactone with an Internal Source of Hydrogen on Ca-Modified TiO <sub>2</sub> Supported Ru Catalysts. <i>ChemSusChem</i> , <b>2019</b> , 12, 639-650	8.3	21
12	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> , <b>2018</b> , 8, 4318-4331	5.5	41
11	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> , <b>2018</b> , 43, 22303-22314	6.7	8
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> , <b>2018</b> , 6, 14607-14613	8.3	12
9	Wide band gap GaO as efficient UV-C photocatalyst for gas-phase degradation applications. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 26792-26805	5.1	12

8	Ru catalysts for levulinic acid hydrogenation with formic acid as a hydrogen source. <i>Green Chemistry</i> , <b>2016</b> , 18, 2014-2028	10	102
7	Titania-Supported Catalysts for Levulinic Acid Hydrogenation: Influence of Support and its Impact on $\gamma$ -Valerolactone Yield. <i>ChemSusChem</i> , <b>2015</b> , 8, 1538-47	8.3	68
6	Structural and spectroscopic characterization and Hirshfeld surface analysis of major component of antibiotic mupirocin (pseudomonic acid A). <i>Journal of Molecular Structure</i> , <b>2014</b> , 1076, 126-135	3.4	12
5	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> , <b>2014</b> , 50, 12450-3	5.8	141
4	Surface characterization of lignocellulosic biomass submitted to pyrolysis. <i>Surface and Interface Analysis</i> , <b>2014</b> , 46, 837-841	1.5	5
3	Ethanol dehydration by pervaporation using microporous silica membranes. <i>Desalination and Water Treatment</i> , <b>2013</b> , 51, 2368-2376		1
2	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> , <b>2013</b> , 336, 43-46	1.9	5
1	Thermal behavior of silicone rubber-based ceramizable composites characterized by Fourier transform infrared (FT-IR) spectroscopy and microcalorimetry. <i>Applied Spectroscopy</i> , <b>2013</b> , 67, 1437-40	3.1	11