

Marcin JÄdrzejczyk

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

743
citations

687335

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h-index

610883

24
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26
all docs

26
docs citations

26
times ranked

1150
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	High Catalytic Activity of Pt/Al ₂ O ₃ Catalyst in CO Oxidation at Room Temperatureâ€”A New Insight into Strong Metalâ€“Support Interactions. <i>Catalysts</i> , 2021, 11, 1475.	3.5	8
5	Highly Efficient Production of DMF from Biomass-Derived HMF on Recyclable Ni-Fe/TiO ₂ Catalysts. <i>Energies</i> , 2020, 13, 4660.	3.1	15
6	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
7	Ni-Pd/Î³-Al ₂ O ₃ Catalysts in the Hydrogenation of Levulinic Acid and Hydroxymethylfurfural towards Value Added Chemicals. <i>Catalysts</i> , 2020, 10, 1026.	3.5	14
8	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.	3.2	15
9	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
10	Physical and chemical pretreatment of lignocellulosic biomass. , 2019, , 143-196.		57
11	Enhanced Production of Î³-Valerolactone with an Internal Source of Hydrogen on Caâ€“Modified TiO ₂ Supported Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 553.	6.8	0
12	Surface characterization of <i>Miscanthus Ã— giganteus</i> and Willow subjected to torrefaction. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 138, 231-241.	5.5	22
13	Enhanced Production of Î³-Valerolactone with an Internal Source of Hydrogen on Caâ€“Modified TiO ₂ Supported Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 639-650.	6.8	35
14	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.	7.1	13
15	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
16	Supported goldâ€“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
17	Wide band gap Ga ₂ O ₃ as efficient UV-C photocatalyst for gas-phase degradation applications. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26792-26805.	5.3	20
18	Ru catalysts for levulinic acid hydrogenation with formic acid as a hydrogen source. <i>Green Chemistry</i> , 2016, 18, 2014-2028.	9.0	126

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19	Titania-supported Catalysts for Levulinic Acid Hydrogenation: Influence of Support and its Impact on β -Valerolactone Yield. <i>ChemSusChem</i> , 2015, 8, 1538-1547.	6.8	85
20	Surface characterization of lignocellulosic biomass submitted to pyrolysis. <i>Surface and Interface Analysis</i> , 2014, 46, 837-841.	1.8	5
21	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
22	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
23	Ethanol dehydration by pervaporation using microporous silica membranes. <i>Desalination and Water Treatment</i> , 2013, 51, 2368-2376.	1.0	1
24	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
25	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