

Reetta S Karinen

List of Publications by Year in descending order

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30
papers

855
citations

623188

14
h-index

476904

29
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31
all docs

31
docs citations

31
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Biorefining: Heterogeneously Catalyzed Reactions of Carbohydrates for the Production of Furfural and Hydroxymethylfurfural. <i>ChemSusChem</i> , 2011, 4, 1002-1016.	3.6	387
2	Hydrogen production via aqueous-phase reforming of methanol over nickel modified Ce, Zr and La oxide supports. <i>Catalysis Today</i> , 2018, 304, 143-152.	2.2	45
3	Aqueous-phase reforming of methanol over nickel-based catalysts for hydrogen production. <i>Biomass and Bioenergy</i> , 2017, 106, 29-37.	2.9	39
4	Study of Ni, Pt, and Ru Catalysts on Wood-based Activated Carbon Supports and their Activity in Furfural Conversion to 2-Methylfuran. <i>ChemCatChem</i> , 2018, 10, 3269-3283.	1.8	28
5	Atomic layer deposition in the preparation of Bi-metallic, platinum-based catalysts for fuel cell applications. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 11-21.	10.8	25
6	Liquid Phase Furfural Hydrotreatment to 2-Methylfuran with Carbon Supported Copper, Nickel, and Iron Catalysts. <i>ChemistrySelect</i> , 2017, 2, 51-60.	0.7	25
7	Reaction Equilibrium in the Isomerization of 2,4,4-Trimethyl Pentenes. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 1011-1015.	1.8	24
8	Reactivity of some C8-alkenes in etherification with methanol. <i>Applied Catalysis A: General</i> , 1999, 188, 247-256.	2.2	23
9	Preparation Methods for Multi-Walled Carbon Nanotube Supported Palladium Catalysts. <i>ChemCatChem</i> , 2012, 4, 2055-2061.	1.8	21
10	Functionalized Activated Carbon Catalysts in Xylose Dehydration. <i>Topics in Catalysis</i> , 2013, 56, 512-521.	1.3	21
11	Hydrogen solubility in furfural and 2-propanol: Experiments and modeling. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 1-6.	1.0	21
12	Aqueous-phase reforming of Fischer-Tropsch alcohols over nickel-based catalysts to produce hydrogen: Product distribution and reaction pathways. <i>Applied Catalysis A: General</i> , 2018, 567, 112-121.	2.2	19
13	Comparison of Solid Acid-Catalyzed and Autocatalyzed C5 and C6 Sugar Dehydration Reactions with Water as a Solvent. <i>Catalysis Letters</i> , 2014, 144, 1839-1850.	1.4	18
14	Kinetic Model for the Etherification of 2,4,4-Trimethyl-1-pentene and 2,4,4-Trimethyl-2-pentene with Methanol. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 6073-6080.	1.8	14
15	1-Butanol dehydration in microchannel reactor: Kinetics and reactor modeling. <i>Chemical Engineering Science</i> , 2015, 137, 740-751.	1.9	14
16	Ethanol Organosolv Lignin Depolymerization with Hydrogen over a Pd/C Catalyst. <i>ChemistrySelect</i> , 2018, 3, 1761-1771.	0.7	13
17	Kinetic Modelling of the Aqueous-Phase Reforming of Fischer-Tropsch Water over Ceria-Zirconia Supported Nickel-Copper Catalyst. <i>Catalysts</i> , 2019, 9, 936.	1.6	12
18	Hydrodeoxygenation of Levulinic Acid Dimers on a Zirconia-Supported Ruthenium Catalyst. <i>Catalysts</i> , 2020, 10, 200.	1.6	12

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19	Modelling of a microreactor for the partial oxidation of 1-butanol on a titania supported gold catalyst. <i>Chemical Engineering Science</i> , 2020, 221, 115695.	1.9	12
20	Conversion of furfural to 2-methylfuran over CuNi catalysts supported on biobased carbon foams. <i>Catalysis Today</i> , 2021, 367, 16-27.	2.2	12
21	Structured microreactor with gold and palladium on titania: Active, regenerable and durable catalyst coatings for the gas-phase partial oxidation of 1-butanol. <i>Applied Catalysis A: General</i> , 2018, 562, 173-183.	2.2	10
22	Liquid Phase Furfural Hydrotreatment to 2-Methylfuran on Carbon Supported Nickel Catalyst - Effect of Process Conditions. <i>ChemistrySelect</i> , 2016, 1, 5363-5373.	0.7	9
23	Liquid-phase Hydrodeoxygenation of 4-propylphenol to Propylbenzene: Reducible Supports for Pt Catalysts. <i>ChemCatChem</i> , 2020, 12, 4090-4104.	1.8	9
24	Catalytic synthesis of a novel tertiary ether, 3-methoxy-3-methyl heptane, from 1-butene. <i>Journal of Molecular Catalysis A</i> , 2000, 152, 253-255.	4.8	8
25	Furfural Hydrotreatment Applying Isopropanol as a Solvent: The Case of Acetone Formation. <i>Topics in Catalysis</i> , 2017, 60, 1473-1481.	1.3	7
26	Solvent-free Hydrodeoxygenation of Î³-Nonalactone on Noble Metal Catalysts Supported on Zirconia. <i>Topics in Catalysis</i> , 2019, 62, 724-737.	1.3	7
27	3D simulations of a microchannel reactor with diffusion inside the catalyst layer for 1-butanol dehydration reaction in gas phase. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 110, 97-105.	1.8	6
28	Ni- and CuNi-modified activated carbons and ordered mesoporous CMK-3 for furfural hydrotreatment. <i>Journal of Porous Materials</i> , 2018, 25, 1147-1160.	1.3	5
29	Application of Microreactors in the Dehydrogenation of Isobutane. <i>Topics in Catalysis</i> , 2011, 54, 1206-1212.	1.3	3
30	Hydrodeoxygenation of Propylphenols on a Niobia-Supported Platinum Catalyst: Ortho, Meta, Para Isomerism, Reaction Conditions, and Phase Equilibria. <i>Advanced Sustainable Systems</i> , 2020, 4, 1900140.	2.7	0