

Pepijn Prinsen

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.

39
papers

2,125
citations

26
h-index

39
g-index

39
ext. papers

2,473
ext. citations

8
avg, IF

5.15
L-index

#	Paper	IF	Citations
39	Mechanistic insights into the microwave-assisted cinnamyl alcohol oxidation using supported iron and palladium catalysts. <i>Molecular Catalysis</i> , 2019 , 474, 110409	3.3	8
38	Carbon Dioxide Biosequestration and Wastewater Treatment Using Microalgae. <i>Education for Sustainability</i> , 2019 , 241-270	0.2	
37	Selective heavy metal removal and water purification by microfluidically-generated chitosan microspheres: Characteristics, modeling and application. <i>Journal of Hazardous Materials</i> , 2019 , 364, 192-205	12.8	67
36	A review on greywater reuse: quality, risks, barriers and global scenarios. <i>Reviews in Environmental Science and Biotechnology</i> , 2019 , 18, 77-99	13.9	33
35	Microalgae cultivation and metabolites production: a comprehensive review. <i>Biofuels, Bioproducts and Biorefining</i> , 2018 , 12, 304-324	5.3	44
34	Continuous Flow Alcoholysis of Furfuryl Alcohol to Alkyl Levulinates Using Zeolites. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6901-6909	8.3	39
33	A review on sustainable microalgae based biofuel and bioenergy production: Recent developments. <i>Journal of Cleaner Production</i> , 2018 , 181, 42-59	10.3	234
32	Catalytic Versatility of Novel Sulfonamide Functionalized Magnetic Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 4586-4593	8.3	9
31	A chitosan modified Pt/SiO ₂ catalyst for the synthesis of 3-poly(ethylene glycol) propyl ether-heptamethyltrisiloxane applied as agricultural synergistic agent. <i>Catalysis Communications</i> , 2018 , 104, 118-122	3.2	13
30	Microwave assisted benzyl alcohol oxidation using iron particles on furfuryl alcohol derived supports. <i>Catalysis Communications</i> , 2018 , 104, 67-70	3.2	8
29	A comprehensive study on the continuous flow synthesis of supported iron oxide nanoparticles on porous silicates and their catalytic applications. <i>Reaction Chemistry and Engineering</i> , 2018 , 3, 757-768	4.9	6
28	Batch versus Continuous Flow Performance of Supported Mono- and Bimetallic Nickel Catalysts for Catalytic Transfer Hydrogenation of Furfural in Isopropanol. <i>ChemCatChem</i> , 2018 , 10, 3459-3468	5.2	32
27	Comparative Study of Supported Monometallic Catalysts in the Liquid-Phase Hydrogenation of Furfural: Batch Versus Continuous Flow. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9831-9844	8.3	40
26	Recent advances in sulfonated resin catalysts for efficient biodiesel and bio-derived additives production. <i>Progress in Energy and Combustion Science</i> , 2018 , 65, 136-162	33.6	52
25	Continuous-Flow Synthesis of Supported Magnetic Iron Oxide Nanoparticles for Efficient Isoeugenol Conversion into Vanillin. <i>ChemSusChem</i> , 2018 , 11, 389-396	8.3	24
24	Zeolite catalyzed palmitic acid esterification. <i>Microporous and Mesoporous Materials</i> , 2018 , 262, 133-139	5.3	44
23	Sustainability Analysis of Microalgae Production Systems: A Review on Resource with Unexploited High-Value Reserves. <i>Environmental Science & Technology</i> , 2018 , 52, 14031-14049	10.3	40

22	Macroporous materials: microfluidic fabrication, functionalization and applications. <i>Chemical Society Reviews</i> , 2017 , 46, 855-914	58.5	99
21	Lignin Depolymerisation and Lignocellulose Fractionation by Solvated Electrons in Liquid Ammonia. <i>ChemSusChem</i> , 2017 , 10, 1022-1032	8.3	10
20	Activity of continuous flow synthesized Pd-based nanocatalysts in the flow hydroconversion of furfural. <i>Tetrahedron</i> , 2017 , 73, 5599-5604	2.4	31
19	Super-microporous silica-supported platinum catalyst for highly regioselective hydrosilylation. <i>Catalysis Communications</i> , 2017 , 97, 51-55	3.2	13
18	Dissolving Lignin in Water through Enzymatic Sulfation with Aryl Sulfotransferase. <i>ChemSusChem</i> , 2017 , 10, 2267-2273	8.3	14
17	A review of progress in (bio)catalytic routes from/to renewable succinic acid. <i>Biofuels, Bioproducts and Biorefining</i> , 2017 , 11, 908-931	5.3	54
16	An efficient route to 1,8-dioxo-octahydroxanthenes and -decahydroacridines using a sulfated zirconia catalyst. <i>Catalysis Communications</i> , 2017 , 97, 138-145	3.2	31
15	BPPO-Based Anion Exchange Membranes for Acid Recovery via Diffusion Dialysis. <i>Materials</i> , 2017 , 10,	3.5	21
14	Electroconductive Composites from Polystyrene Block Copolymers and Cu-Alumina Filler. <i>Materials</i> , 2016 , 9,	3.5	2
13	Lignin-carbohydrate complexes from sisal (<i>Agave sisalana</i>) and abaca (<i>Musa textilis</i>): chemical composition and structural modifications during the isolation process. <i>Planta</i> , 2016 , 243, 1143-58	4.7	29
12	The evolution of hierarchical porosity in self-templated nitrogen-doped carbons and its effect on oxygen reduction electrocatalysis. <i>RSC Advances</i> , 2016 , 6, 80398-80407	3.7	33
11	Lignin solubilisation and gentle fractionation in liquid ammonia. <i>Green Chemistry</i> , 2015 , 17, 325-334	10	79
10	Isolation and structural characterization of the milled wood lignin, dioxane lignin, and cellulolytic lignin preparations from brewer's spent grain. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 603-13	5.7	92
9	Comprehensive study of valuable lipophilic phytochemicals in wheat bran. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1664-73	5.7	42
8	Enzymatic degradation of Elephant grass (<i>Pennisetum purpureum</i>) stems: influence of the pith and bark in the total hydrolysis. <i>Bioresource Technology</i> , 2014 , 167, 469-75	11	17
7	Chemical composition of lipids in brewer's spent grain: A promising source of valuable phytochemicals. <i>Journal of Cereal Science</i> , 2013 , 58, 248-254	3.8	56
6	Modification of the Lignin Structure during Alkaline Delignification of Eucalyptus Wood by Kraft, Soda-AQ, and Soda-O2 Cooking. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 15702-15712	3.9	55
5	A comprehensive characterization of lipids in wheat straw. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1904-13	5.7	26

4	Morphological characteristics and composition of lipophilic extractives and lignin in Brazilian woods from different eucalypt hybrids. <i>Industrial Crops and Products</i> , 2012 , 36, 572-583	5.9	29
3	Lipophilic extractives from the cortex and pith of elephant grass (<i>Pennisetum purpureum</i> Schumach.) stems. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6408-17	5.7	27
2	Structural characterization of wheat straw lignin as revealed by analytical pyrolysis, 2D-NMR, and reductive cleavage methods. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5922-35	5.7	522
1	Structural characterization of the lignin in the cortex and pith of elephant grass (<i>Pennisetum purpureum</i>) stems. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 3619-34	5.7	150