

Sara Fulignati

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.

14
papers

462
citations

11
h-index

15
g-index

15
ext. papers

599
ext. citations

7
avg, IF

3.96
L-index

#	Paper	IF	Citations
14	Tunable HMF hydrogenation to furan diols in a flow reactor using Ru/C as catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 100, 390.e1-390.e9	6.3	5
13	Optimisation of glucose and levulinic acid production from the cellulose fraction of giant reed (<i>Arundo donax</i> L.) performed in the presence of ferric chloride under microwave heating. <i>Bioresource Technology</i> , 2020 , 313, 123650	11	12
12	Multi-Step Exploitation of Raw <i>Arundo donax</i> L. for the Selective Synthesis of Second-Generation Sugars by Chemical and Biological Route. <i>Catalysts</i> , 2020 , 10, 79	4	13
11	Reply to Letter to Editor regarding the article Evaluation of the phytotoxicity of conventional and biodegradable plastic bags using seed germination tests by Balestri et al. (2019) published on Ecological Indicators 102 (2019): 569-580. <i>Ecological Indicators</i> , 2020 , 110, 105876	5.8	
10	Direct Alcoholysis of Carbohydrate Precursors and Real Cellulosic Biomasses to Alkyl Levulinates: A Critical Review. <i>Catalysts</i> , 2020 , 10, 1221	4	8
9	Phytotoxicity assessment of conventional and biodegradable plastic bags using seed germination test. <i>Ecological Indicators</i> , 2019 , 102, 569-580	5.8	36
8	Turning Point toward the Sustainable Production of 5-Hydroxymethyl-2-furaldehyde in Water: Metal Salts for Its Synthesis from Fructose and Inulin. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 6830-6838	8.3	16
7	Insight into the hydrogenation of pure and crude HMF to furan diols using Ru/C as catalyst. <i>Applied Catalysis A: General</i> , 2019 , 578, 122-133	5.1	35
6	Cascade Strategy for the Tunable Catalytic Valorization of Levulinic Acid and Valerolactone to 2-Methyltetrahydrofuran and Alcohols. <i>Catalysts</i> , 2018 , 8, 277	4	35
5	Ruthenium p-cymene complexes with diimine ligands as catalytic precursors for the transfer hydrogenation of ethyl levulinate to Valerolactone. <i>New Journal of Chemistry</i> , 2018 , 42, 17574-17586	3.6	17
4	Microwave-assisted dehydration of fructose and inulin to HMF catalyzed by niobium and zirconium phosphate catalysts. <i>Applied Catalysis B: Environmental</i> , 2017 , 206, 364-377	21.8	79
3	Amberlyst A-70: A surprisingly active catalyst for the MW-assisted dehydration of fructose and inulin to HMF in water. <i>Catalysis Communications</i> , 2017 , 97, 146-150	3.2	36
2	In-depth characterization of valuable char obtained from hydrothermal conversion of hazelnut shells to levulinic acid. <i>Bioresource Technology</i> , 2017 , 244, 880-888	11	31
1	New Frontiers in the Catalytic Synthesis of Levulinic Acid: From Sugars to Raw and Waste Biomass as Starting Feedstock. <i>Catalysts</i> , 2016 , 6, 196	4	136