

Emilia Paone

List of Publications by Year in descending order

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31
papers

1,562
citations

394390

19
h-index

501174

28
g-index

31
all docs

31
docs citations

31
times ranked

1581
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent catalytic routes for the preparation and the upgrading of biomass derived furfural and 5-hydroxymethylfurfural. <i>Chemical Society Reviews</i> , 2020, 49, 4273-4306.	38.1	559
2	Catalytic Transfer Hydrogenolysis of Lignin-Derived Aromatic Ethers Promoted by Bimetallic Pd/Ni Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9269-9276.	6.7	112
3	The rise of lignin biorefinery. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 24, 1-6.	5.9	99
4	Sustainable production of pharmaceutical, nutraceutical and bioactive compounds from biomass and waste. <i>Chemical Society Reviews</i> , 2021, 50, 11191-11207.	38.1	94
5	Selective arene production from transfer hydrogenolysis of benzyl phenyl ether promoted by a co-precipitated Pd/Fe ₃ O ₄ catalyst. <i>Catalysis Science and Technology</i> , 2016, 6, 7937-7941.	4.1	76
6	Catalytic Transfer Hydrogenolysis as an Effective Tool for the Reductive Upgrading of Cellulose, Hemicellulose, Lignin, and Their Derived Molecules. <i>Catalysts</i> , 2018, 8, 313.	3.5	58
7	Reductive catalytic routes towards sustainable production of hydrogen, fuels and chemicals from biomass derived polyols. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 127, 109852.	16.4	58
8	A Short Overview on the Hydrogen Production Via Aqueous Phase Reforming (APR) of Cellulose, C6-C5 Sugars and Polyols. <i>Catalysts</i> , 2019, 9, 917.	3.5	52
9	Transfer Hydrogenation of Methyl and Ethyl Levulinate Promoted by a ZrO ₂ Catalyst: Comparison of Batch vs Continuous Gas-Flow Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9937-9947.	6.7	51
10	Strategies for the sustainable management of orange peel waste through anaerobic digestion. <i>Journal of Environmental Management</i> , 2018, 212, 462-468.	7.8	48
11	Integral valorization of orange peel waste through optimized ensiling: Lactic acid and bioethanol production. <i>Chemosphere</i> , 2021, 271, 129602.	8.2	44
12	Upgrading Lignocellulosic Biomasses: Hydrogenolysis of Platform Derived Molecules Promoted by Heterogeneous Pd-Fe Catalysts. <i>Catalysts</i> , 2017, 7, 78.	3.5	42
13	Sustainable Exploitation of Coffee Silverskin in Water Remediation. <i>Sustainability</i> , 2018, 10, 3547.	3.2	34
14	Hydrogenolysis of aromatic ethers under lignin-first conditions. <i>Molecular Catalysis</i> , 2020, 497, 111228.	2.0	32
15	Semi-Continuous Anaerobic Digestion of Orange Peel Waste: Effect of Activated Carbon Addition and Alkaline Pretreatment on the Process. <i>Sustainability</i> , 2019, 11, 3386.	3.2	31
16	Recent Catalytic Advances in Hydrotreatment Processes of Pyrolysis Bio-Oil. <i>Catalysts</i> , 2021, 11, 157.	3.5	29
17	Transfer hydrogenolysis of aromatic ethers promoted by the bimetallic Pd/Co catalyst. <i>Catalysis Today</i> , 2020, 357, 511-517.	4.4	25
18	Hydrothermal Carbonization as Sustainable Process for the Complete Upgrading of Orange Peel Waste into Value-Added Chemicals and Bio-Carbon Materials. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10983.	2.5	20

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19	Pd/Fe ₃ O ₄ Nanofibers for the Catalytic Conversion of Lignin-Derived Benzyl Phenyl Ether under Transfer Hydrogenolysis Conditions. <i>Catalysts</i> , 2020, 10, 20.	3.5	19
20	Towards the Anchovy Biorefinery: Biogas Production from Anchovy Processing Waste after Fish Oil Extraction with Biobased Limonene. <i>Sustainability</i> , 2021, 13, 2428.	3.2	14
21	Self Standing Mats of Blended Polyaniline Produced by Electrospinning. <i>Nanomaterials</i> , 2021, 11, 1269.	4.1	12
22	Direct Reuse of Spent Lithium-Ion Batteries as an Efficient Heterogeneous Catalyst for the Reductive Upgrading of Biomass-Derived Furfural. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2275-2281.	6.7	11
23	The Limonene Biorefinery: From Extractive Technologies to Its Catalytic Upgrading into p-Cymene. <i>Catalysts</i> , 2021, 11, 387.	3.5	10
24	Recovery of Biomass Fly Ash and HDPE in Innovative Synthetic Lightweight Aggregates for Sustainable Geotechnical Applications. <i>Sustainability</i> , 2020, 12, 6552.	3.2	8
25	Electrospun Nanofibers and Electrochemical Techniques for the Detection of Heavy Metal Ions. <i>Materials</i> , 2021, 14, 3000.	2.9	7
26	Sustainably Sourced Olive Polyphenols and Omega-3 Marine Lipids: A Synergy Fostering Public Health. <i>ACS Food Science & Technology</i> , 2021, 1, 139-145.	2.7	6
27	From bio-based furanics to biodegradable plastics. <i>CheM</i> , 2022, 8, 897-899.	11.7	6
28	A New Biorefinery Approach for the Full Valorisation of Anchovy Residues: Use of the Sludge Generated during the Extraction of Fish Oil as a Nitrogen Supplement in Anaerobic Digestion. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10163.	2.5	2
29	Improved Catalytic Transfer Hydrogenation of Levulinic Esters with Alcohols over ZrO ₂ Catalyst. , 2020, 2, .		2
30	Production of biodiesel from biomass. , 2021, , 165-192.		1
31	Nanostructured Bimetallic Pd-based Catalysts for the Valorization of Lignocellulosic Biomasses. , 2021, , 127-153.		0