

Joan G Lynam

List of Publications by Citations

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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.

33
papers

1,971
citations

19
h-index

34
g-index

34
ext. papers

2,308
ext. citations

6.6
avg, IF

5.28
L-index

#	Paper	IF	Citations
33	Hydrothermal carbonization: Fate of inorganics. <i>Biomass and Bioenergy</i> , 2013 , 49, 86-94	5.3	298
32	Hydrothermal Carbonization of Biomass for Energy and Crop Production 2014 , 1,		207
31	Deep eutectic solvents ability to solubilize lignin, cellulose, and hemicellulose; thermal stability; and density. <i>Bioresource Technology</i> , 2017 , 238, 684-689	11	169
30	Acetic acid and lithium chloride effects on hydrothermal carbonization of lignocellulosic biomass. <i>Bioresource Technology</i> , 2011 , 102, 6192-9	11	165
29	Hydrothermal carbonization of loblolly pine: reaction chemistry and water balance. <i>Biomass Conversion and Biorefinery</i> , 2014 , 4, 311-321	2.3	142
28	Reaction kinetics of hydrothermal carbonization of loblolly pine. <i>Bioresource Technology</i> , 2013 , 139, 161-91	2.1	142
27	Pelletization of biochar from hydrothermally carbonized wood. <i>Environmental Progress and Sustainable Energy</i> , 2012 , 31, 225-234	2.5	121
26	Engineered pellets from dry torrefied and HTC biochar blends. <i>Biomass and Bioenergy</i> , 2014 , 63, 229-238	5.3	109
25	Catalytic conversion of hemicellulosic biomass to lactic acid in pH neutral aqueous phase media. <i>Applied Catalysis B: Environmental</i> , 2015 , 162, 149-157	21.8	95
24	Hydrothermal carbonization of various lignocellulosic biomass. <i>Biomass Conversion and Biorefinery</i> , 2015 , 5, 173-181	2.3	80
23	Effect of salt addition on hydrothermal carbonization of lignocellulosic biomass. <i>Fuel</i> , 2012 , 99, 271-273	7.1	70
22	Pretreatment of rice hulls by ionic liquid dissolution. <i>Bioresource Technology</i> , 2012 , 114, 629-36	11	65
21	Sustainable lignin to enhance asphalt binder oxidative aging properties and mix properties. <i>Journal of Cleaner Production</i> , 2019 , 217, 456-468	10.3	45
20	Ionic liquid and water separation by membrane distillation. <i>Chemical Engineering Journal</i> , 2016 , 288, 557-561	16.1	38
19	Pretreatment of waste biomass in deep eutectic solvents: Conductive heating versus microwave heating. <i>Industrial Crops and Products</i> , 2019 , 142, 111865	5.9	27
18	Glycerol as an ionic liquid co-solvent for pretreatment of rice hulls to enhance glucose and xylose yield. <i>Bioresource Technology</i> , 2014 , 166, 471-8	11	23
17	Effects of water recycling in hydrothermal carbonization of loblolly pine. <i>Environmental Progress and Sustainable Energy</i> , 2013 , 33, n/a-n/a	2.5	22

16	Roughness and wettability of biofilm carriers: A systematic review. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101233	7	20
15	Embodied energy of rice husk ash for sustainable cement production. <i>Case Studies in Chemical and Environmental Engineering</i> , 2020 , 2, 100004	7.5	19
14	Corn Stover Pretreatment by Ionic Liquid and Glycerol Mixtures with Their Density, Viscosity, and Thermogravimetric Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 3786-3793	8.3	19
13	Theoretical and experimental study of choline chloride-carboxylic acid deep eutectic solvents and their hydrogen bonds. <i>Journal of Molecular Structure</i> , 2020 , 1222, 128849	3.4	19
12	Hydrothermal Liquefaction of Loblolly Pine: Effects of Various Wastes on Produced Biocrude. <i>ACS Omega</i> , 2018 , 3, 3051-3059	3.9	17
11	Hydrothermal Carbonization of Lignocellulosic Biomass. <i>Green Chemistry and Sustainable Technology</i> , 2014 , 275-311	1.1	16
10	Sugarcane bagasse and rice husk ash pozzolans: Cement strength and corrosion effects when using saltwater. <i>Current Research in Green and Sustainable Chemistry</i> , 2020 , 1-2, 7-13	4.1	13
9	Use of Biomass Ash for Development of Engineered Cementitious Binders. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 13122-13130	8.3	10
8	Secondary Agriculture Residues Pretreatment Using Deep Eutectic Solvents. <i>Waste and Biomass Valorization</i> , 2021 , 12, 2259-2269	3.2	6
7	Loblolly pine pretreatment by ionic liquid-glycerol mixtures. <i>Biomass Conversion and Biorefinery</i> , 2016 , 6, 247-260	2.3	5
6	Lignin extraction from waste biomass with deep eutectic solvents: Molecular weight and heating value. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 32, 101949	4.2	5
5	Deep eutectic solvent extracted lignin from waste biomass: Effects as a plasticizer in cement paste. <i>Case Studies in Construction Materials</i> , 2020 , 13, e00460	2.7	2
4	Hydrothermal carbonization of coffee silverskins. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 36, 102145	4.2	2
3	Synergistic utilization of diverse industrial wastes for reutilization in steel production and their geopolymerization potential. <i>Waste Management</i> , 2021 , 126, 728-736	8.6	0
2	Pretreatment of Loblolly Pine Tree Needles Using Deep Eutectic Solvents. <i>Biomass</i> , 2021 , 1, 1-10		0
1	Oil spill cleanup using industrial and agricultural waste-based magnetic silica sorbent material: a green approach. <i>Green Chemistry Letters and Reviews</i> , 2021 , 14, 632-639	4.7	