

Amir Al Ghatta

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

244
citations

1163117

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1474206

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docs citations

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times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	High yield and isolation of 2,5-furandicarboxylic acid from HMF and sugars in ionic liquids, a new prospective for the establishment of a scalable and efficient catalytic route. <i>Green Chemistry</i> , 2022, 24, 3309-3313.	9.0	17
2	New Biobased Sulfonated Anionic Surfactants Based on the Esterification of Furoic Acid and Fatty Alcohols: A Green Solution for the Replacement of Oil Derivative Surfactants with Superior Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8846-8855.	6.7	8
3	Characterization and Valorization of Humins Produced by HMF Degradation in Ionic Liquids: A Valuable Carbonaceous Material for Antimony Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2212-2223.	6.7	30
4	From sugars to FDCA: a techno-economic assessment using a design concept based on solvent selection and carbon dioxide emissions. <i>Green Chemistry</i> , 2021, 23, 1716-1733.	9.0	47
5	Evaluating the Role of Water as a Cosolvent and an Antisolvent in [HSO ₄]-Based Protic Ionic Liquid Pretreatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10524-10536.	6.7	30
6	Efficient Formation of 2,5-Diformylfuran in Ionic Liquids at High Substrate Loadings and Low Oxygen Pressure with Separation through Sublimation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2462-2471.	6.7	30
7	Strategies for the Separation of the Furanic Compounds HMF, DFF, FFCA, and FDCA from Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16483-16492.	6.7	50
8	Rapid, High-Yield Fructose Dehydration to 5-Hydroxymethylfurfural in Mixtures of Water and the Noncoordinating Ionic Liquid [bmim][OTf]. <i>ChemSusChem</i> , 2019, 12, 4452-4460.	6.8	31
9	Theoretical analysis of natural gas recovery from marginal wells with a deep well reactor. <i>AIChE Journal</i> , 2017, 63, 3642-3650.	3.6	1