

Iurii Bodachivskiyi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

266
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "Chitosan dissolution with sulfopropyl imidazolium Brønsted acidic ionic liquids"™. Journal of Molecular Liquids, 2021, 328, 115403.	4.9	1
2	Catalytic Valorization of Native Biomass in a Deep Eutectic Solvent: A Systematic Approach toward High-Yielding Reactions of Polysaccharides. ACS Sustainable Chemistry and Engineering, 2020, 8, 678-685.	6.7	27
3	Understanding the role of the substrate and the metal triflate acidic catalyst in sugar platform biorefineries: A comprehensive systematic approach to catalytic transformations of (poly)carbohydrates in ethanol. Chemical Engineering Journal, 2020, 399, 125816.	12.7	6
4	Dissolution of Cellulose: Are Ionic Liquids Innocent or Noninnocent Solvents?. ACS Sustainable Chemistry and Engineering, 2020, 8, 10142-10150.	6.7	42
5	Towards furfural from the reaction of cellulosic biomass in zinc chloride hydrate solvents. Industrial Crops and Products, 2020, 146, 112179.	5.2	12
6	New insights into the mechanism of sulfur vulcanisation: a theoretical study. Catalysis and Petrochemistry, 2020, , 67-72.	0.3	0
7	The role of the molecular formula of ZnCl ₂ ·nH ₂ O on its catalyst activity: a systematic study of zinc chloride hydrates in the catalytic valorisation of cellulosic biomass. Catalysis Science and Technology, 2019, 9, 4693-4701.	4.1	32
8	A Systematic Study of Metal Triflates in Catalytic Transformations of Glucose in Water and Methanol: Identifying the Interplay of Brønsted and Lewis Acidity. ChemSusChem, 2019, 12, 3208-3208.	6.8	2
9	Metal triflates are tunable acidic catalysts for high yielding conversion of cellulosic biomass into ethyl levulinate. Fuel Processing Technology, 2019, 195, 106159.	7.2	23
10	A Systematic Study of Metal Triflates in Catalytic Transformations of Glucose in Water and Methanol: Identifying the Interplay of Brønsted and Lewis Acidity. ChemSusChem, 2019, 12, 3263-3270.	6.8	15
11	Acid-Catalysed Conversion of Carbohydrates into Furan-Type Molecules in Zinc Chloride Hydrate. ChemPlusChem, 2019, 84, 352-357.	2.8	15
12	High Yielding Acid-Catalysed Hydrolysis of Cellulosic Polysaccharides and Native Biomass into Low Molecular Weight Sugars in Mixed Ionic Liquid Systems. ChemistryOpen, 2019, 8, 1316-1324.	1.9	19
13	Acid-Catalyzed Conversion of Carbohydrates into Value-Added Small Molecules in Aqueous Media and Ionic Liquids. ChemSusChem, 2018, 11, 642-660.	6.8	67
14	OLEOCHEMICAL SYNTHESIS OF SULFANES, THEIR STRUCTURE AND PROPERTIES. Chemistry and Chemical Technology, 2017, 11, 365-371.	1.1	4
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