

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	Acid-Catalyzed Conversion of Carbohydrates into Value-Added Small Molecules in Aqueous Media and Ionic Liquids. <i>ChemSusChem</i> , 2018, 11, 642-660.	6.8	67
2	Dissolution of Cellulose: Are Ionic Liquids Innocent or Noninnocent Solvents?. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10142-10150.	6.7	42
3	The role of the molecular formula of $ZnCl_2 \cdot nH_2O$ on its catalyst activity: a systematic study of zinc chloride hydrates in the catalytic valorisation of cellulosic biomass. <i>Catalysis Science and Technology</i> , 2019, 9, 4693-4701.	4.1	32
4	Catalytic Valorization of Native Biomass in a Deep Eutectic Solvent: A Systematic Approach toward High-Yielding Reactions of Polysaccharides. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 678-685.	6.7	27
5	Metal triflates are tunable acidic catalysts for high yielding conversion of cellulosic biomass into ethyl levulinate. <i>Fuel Processing Technology</i> , 2019, 195, 106159.	7.2	23
6	High Yielding Acid-Catalysed Hydrolysis of Cellulosic Polysaccharides and Native Biomass into Low Molecular Weight Sugars in Mixed Ionic Liquid Systems. <i>ChemistryOpen</i> , 2019, 8, 1316-1324.	1.9	19
7	A Systematic Study of Metal Triflates in Catalytic Transformations of Glucose in Water and Methanol: Identifying the Interplay of Brønsted and Lewis Acidity. <i>ChemSusChem</i> , 2019, 12, 3263-3270.	6.8	15
8	Acid-Catalysed Conversion of Carbohydrates into Furan-Type Molecules in Zinc Chloride Hydrate. <i>ChemPlusChem</i> , 2019, 84, 352-357.	2.8	15
9	Towards furfural from the reaction of cellulosic biomass in zinc chloride hydrate solvents. <i>Industrial Crops and Products</i> , 2020, 146, 112179.	5.2	12
10	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. <i>Chemical Engineering Journal</i> , 2020, 399, 125816.	12.7	6
11	OLEOCHEMICAL SYNTHESIS OF SULFANES, THEIR STRUCTURE AND PROPERTIES. <i>Chemistry and Chemical Technology</i> , 2017, 11, 365-371.	1.1	4
12	A Systematic Study of Metal Triflates in Catalytic Transformations of Glucose in Water and Methanol: Identifying the Interplay of Brønsted and Lewis Acidity. <i>ChemSusChem</i> , 2019, 12, 3208-3208.	6.8	2
13	Comment on "Chitosan dissolution with sulfopropyl imidazolium Brønsted acidic ionic liquids"™. <i>Journal of Molecular Liquids</i> , 2021, 328, 115403.	4.9	1
14	ĐjĐĐ½ÑĐμĐ·Ñ–Đ²Đ»Đ°ÑÑĐĐĐ²Đ³⁄₄ÑÑÑ–ĐμÑĐ°Đ½Đ³⁄₄Đ»Đ°Đ¼Ñ–ĐÑ–Đ²Đ°ĐÑĐ»Đ³⁄₄ÑĐ²ĐÑĐ³⁄₄Đ³⁄₄ĐμÑÑfĐĐ³⁄₄Đ²Đ³⁄₄		
15	New insights into the mechanism of sulfur vulcanisation: a theoretical study. <i>Catalysis and Petrochemistry</i> , 2020, , 67-72.	0.3	0