

Artem Belousov

List of Publications by Year in descending order

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20
papers

459
citations

758635

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docs citations

20
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic framework-based heterojunction photocatalysts for organic pollutant degradation: design, construction, and performances. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2675-2693.	1.6	23
2	Synthesis and Characterization of Bi ₂ WxMo _{1-x} O ₆ Solid Solutions and Their Application in Photocatalytic Desulfurization under Visible Light. <i>Processes</i> , 2022, 10, 789.	1.3	8
3	Application of metal-organic frameworks as an alternative to metal oxide-based photocatalysts for the production of industrially important organic chemicals. <i>Green Chemistry</i> , 2021, 23, 6172-6204.	4.6	46
4	Tuning of Selectivity for Sustainable Production of Acrolein from Glycerol. <i>ChemistrySelect</i> , 2021, 6, 9191-9198.	0.7	7
5	Recent advances in sustainable production and catalytic transformations of fatty acid methyl esters. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4512-4545.	2.5	33
6	Pyrochlore oxides as visible light-responsive photocatalysts. <i>New Journal of Chemistry</i> , 2021, 45, 22531-22558.	1.4	22
7	Gas-Phase Dehydration of Glycerol into Acrolein in the Presence of Polyoxometalates. <i>Kinetics and Catalysis</i> , 2020, 61, 595-602.	0.3	6
8	Solvent Effects in Epoxidation of Fatty Acid Methyl Esters with Hydrogen Peroxide over TS-1 Catalyst. <i>Kinetics and Catalysis</i> , 2019, 60, 62-68.	0.3	12
9	Mechanism Analysis and Kinetic Modelling of Cu NPs Catalysed Glycerol Conversion into Lactic Acid. <i>Catalysts</i> , 2019, 9, 231.	1.6	21
10	The structure, properties and transesterification catalytic activities of the calcium glyceroxide. <i>Chemical Engineering Journal</i> , 2018, 339, 303-316.	6.6	19
11	A comparative study of the separation stage of rapeseed oil transesterification products obtained using various catalysts. <i>Fuel Processing Technology</i> , 2018, 173, 153-164.	3.7	22
12	Liquid-liquid equilibrium in the systems FAMES + vegetable oil + methyl alcohol and FAMES + glycerol + methyl alcohol. <i>Fuel</i> , 2018, 217, 31-37.	3.4	20
13	Catalytic Conversion of Glycerol to Lactic Acid: State of the Art and Prospects. <i>Kinetics and Catalysis</i> , 2018, 59, 459-471.	0.3	20
14	Kinetics of vapor-phase dehydration of glycerol into acrolein on the BAO-1 heterogeneous catalyst. <i>Catalysis in Industry</i> , 2017, 9, 189-197.	0.3	2
15	Recent advances in the field of selective epoxidation of vegetable oils and their derivatives: a review and perspective. <i>Catalysis Science and Technology</i> , 2017, 7, 3659-3675.	2.1	133
16	Gas-phase dehydration of glycerol over commercial Pt/ γ -Al ₂ O ₃ catalysts. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1138-1146.	1.7	12
17	Modification of aluminum oxide as a method for controlling its activity and stability in vapor-phase dehydration of glycerol into acrolein. <i>Russian Journal of Applied Chemistry</i> , 2014, 87, 1279-1283.	0.1	0
18	A study of the preparation conditions of aluminum oxide on its catalytic activity and stability in vapor-phase dehydration of glycerol to acrolein. <i>Russian Journal of Applied Chemistry</i> , 2014, 87, 754-760.	0.1	0

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19	Improving methods of CaO transesterification activity. Journal of Molecular Catalysis A, 2014, 395, 225-233.	4.8	45
20	Deactivation of acid catalysts in vapor-phase dehydration of glycerol into acrolein. Russian Journal of Applied Chemistry, 2014, 87, 461-467.	0.1	8