

Gorbunov Dn

List of Publications by Year in descending order

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papers

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docs citations

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145
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformations of Carbon Dioxide under Homogeneous Catalysis Conditions (A Review). <i>Petroleum Chemistry</i> , 2022, 62, 1-39.	1.4	13
2	Polymeric Heterogeneous Catalysts in the Hydroformylation of Unsaturated Compounds. <i>Petroleum Chemistry</i> , 2021, 61, 1-14.	1.4	19
3	One-pot synthesis of short-chain cyclic acetals <i>via</i> tandem hydroformylationâ€“acetalization under biphasic conditions. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 839-844.	3.7	8
4	Heterogeneous Catalyst Based on Phosphine-Containing Organic Polymer for Hydroformylation of Octene-1. <i>Petroleum Chemistry</i> , 2021, 61, 688-696.	1.4	4
5	Tandem hydroformylation/hydrogenation over novel immobilized Rh-containing catalysts based on tertiary amine-functionalized hybrid inorganic-organic materials. <i>Applied Catalysis A: General</i> , 2021, 623, 118266.	4.3	23
6	Non-phosphorus recyclable Rh/triethanolamine catalytic system for tandem hydroformylation/hydrogenation and hydroaminomethylation of olefins under biphasic conditions. <i>Molecular Catalysis</i> , 2021, 516, 112010.	2.0	6
7	Methyl Formate: How It Can Be Used as Formyl Group Source for Synthesis of Aldehydes via Hydroformylation?. <i>ChemistrySelect</i> , 2020, 5, 6407-6414.	1.5	7
8	Alternative sources of syngas for hydroformylation of unsaturated compounds. <i>Russian Chemical Bulletin</i> , 2020, 69, 625-634.	1.5	10
9	Catalytic Decomposition of Methyl Formate in the Presence of Transition Metal Complexes, Phosphine Ligands and Water. <i>Petroleum Chemistry</i> , 2019, 59, 412-419.	1.4	2
10	Use of Nitrogenous Bases as Promoters of the Reaction of Ethylene Carboalkoxylation on a Cobalt Catalyst. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 1069-1076.	0.5	5
11	Ethylene Hydroformylation in the Presence of Rhodium Catalysts in Hydrocarbon-Rich Media: The Stage of Combined Conversion of Refinery Gases to Oxygenates. <i>Petroleum Chemistry</i> , 2019, 59, 1009-1016.	1.4	9
12	Tandem Hydroformylationâ€“Acetalization Using a Water-Soluble Catalytic System: a Promising Procedure for Preparing Valuable Oxygen-Containing Compounds from Olefins and Polyols. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 990-995.	0.5	12
13	New Heterogeneous Rh-Containing Catalysts Immobilized on a Hybrid Organicâ€“Inorganic Surface for Hydroformylation of Unsaturated Compounds. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26566-26575.	8.0	33
14	Oxo Processes Involving Ethylene (a Review). <i>Petroleum Chemistry</i> , 2017, 57, 1137-1140.	1.4	12
15	Synthesis of polyfunctional phosphorus-containing calixarenes in cycloaddition reactions of azides to alkynes. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 1042-1053.	1.2	5
16	Synthesis of phosphine-containing dipyrromethene cobalt complexes, promising ligands for homogeneous catalysis in nanomembrane reactors. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1625-1631.	0.8	2
17	Cation-exchange resins in the hydroformylationâ€“acetalization tandem reaction. <i>Petroleum Chemistry</i> , 2016, 56, 711-716.	1.4	9
18	Synthesis of cyclic acetals by hydroformylation of oct-1-ene in the presence of polyols. <i>Russian Chemical Bulletin</i> , 2015, 64, 943-947.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Hydroformylation in petroleum chemistry and organic synthesis: Implementation of the process and solving the problem of recycling homogeneous catalysts (Review). Petroleum Chemistry, 2015, 55, 587-603.	1.4	28