Sergey Batashev

List of Publications by Year
in descending order

21 papers	124 citations	1307594 7 h-index	1372567 10 g-index
21 all docs	21 docs citations	21 times ranked	18 citing authors

#	Article	IF	Citations
1	Model of selectivity to methyl pelargonate in hydrocarbomethoxylation of 1-octene in the presence of the Pd(PPh3)2Cl2â€"PPh3â€"p-toluenesulfonic acid catalytic system. Russian Chemical Bulletin, 2020, 69, 1561-1568.	1.5	1
2	Methylenealkane-Based Low-Viscosity Ester Oils: Synthesis and Outlook. Lubricants, 2020, 8, 50.	2.9	11
3	Kinetic models of the cyclohexene hydromethoxycarbonylation catalyzed by the Pd(OAc)₂/transâ€2,3â€bis(diphenylphosphinomethyl)norbornane/pâ€toluensulfonic acid. International Journal of Chemical Kinetics, 2019, 51, 274-279.	1.6	0
4	Hydrocarbomethoxylation of Cyclohexene Catalyzed by Pd(OAc)2-PPh3-p-Toluenesulfonic Acid. Some Aspects of Reaction Kinetics and Thermodynamics of Ligand Exchange between Palladium Complexes. Russian Journal of Physical Chemistry B, 2019, 13, 245-252.	1.3	4
5	Kinetic model for cyclohexene hydromethoxycarbonylation catalyzed by RuCl3. Russian Chemical Bulletin, 2019, 68, 540-546.	1.5	1
6	Cyclohexene Hydrocarbomethoxylation Catalyzed by the RuCl3â€"NaCl System. Russian Journal of Physical Chemistry B, 2018, 12, 593-594.	1.3	4
7	Kinetic equations and models of cyclohexene hydrocarbomethoxylation catalyzed by the RuCl3 and RuCl3/NaCl system. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 505-520.	1.7	1
8	Cyclohexene hydrocarbomethoxylation catalyzed by ruthenium(III) chloride. Reaction Kinetics, Mechanisms and Catalysis, 2017, 122, 315-331.	1.7	6
9	Kinetic models of cyclohexene hydrocarbomethoxylation catalyzed by the Pd(PPh3)2Cl2â€"PPh3â€"p-toluenesulfonic acid system. Russian Journal of Physical Chemistry B, 2017, 11, 129-132.	1.3	2
10	Kinetic aspects of the influence of CO pressure on cyclohexene hydrocarbomethoxylation catalyzed byÂa diphosphine palladium system. Thermodynamic characteristics of some ligand exchange reactions. Reaction Kinetics, Mechanisms and Catalysis, 2016, 119, 75-91.	1.7	6
11	Temperature Aspect of CH3OH effect on the rate of cyclohexene hydrocarbomethoxylation catalyzed by the Pd(OAc)2â€"PPh3â€"p-toluenesulfonic acid system. Russian Journal of Physical Chemistry B, 2016, 10, 231-237.	1.3	4
12	Kinetic aspects of the influence of concentrations of methanol and the trans-2,3-bis(diphenylphosphinomethyl)norbornane promoting additive on the hydrocarbomethoxylation of cyclohexene catalyzed by the Pd(OAc)2/p-toluenesulfonic acid system. Reaction Kinetics, Mechanisms and Catalysis, 2015, 116, 63-77.	1.7	7
13	Effect of temperature and CO pressure on the rate of cyclohexene hydrocarbomethoxylation catalyzed by the Pd(OAc)2-PPh3-TsOH system. Russian Chemical Bulletin, 2014, 63, 837-842.	1.5	5
14	Kinetics and mechanism of cyclohexene hydrocarbomethoxylation catalyzed by the Pd(OAc)2-PPh3-p-toluenesulfonic acid system. Russian Journal of Physical Chemistry B, 2014, 8, 140-147.	1.3	13
15	Kinetic aspects of the effect of CO pressure and methanol concentration on cyclohexene hydrocarbomethoxylation in the presence of the Pd(PPh3)2Cl2-PPh3-p-toluenesulfonic acid catalytic system. Petroleum Chemistry, 2013, 53, 39-45.	1.4	8
16	Steric and electronic factors in the promoting activity of diphosphine ligands in cyclohexene hydrocarbomethoxylation catalyzed by palladium acetate. Kinetics and Catalysis, 2012, 53, 462-469.	1.0	2
17	Kinetic aspects of the effect of the palladium phosphine complex Pd(PPh3)2Cl2 and free triphenylphosphine on hydrocarbomethoxylation of cyclohexene. Petroleum Chemistry, 2012, 52, 35-40.	1.4	5
18	Kinetics of cyclohexene hydrocarbalkoxylation with cyclohexanol catalyzed by the Pd(PPh3)2Cl2-PPh3-p-toluenesulfonic acid system. Petroleum Chemistry, 2008, 48, 287-295.	1.4	11

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19	Kinetics and mechanism of cyclohexene hydrocarbomethoxylation catalyzed by a Pd(II) complex. Kinetics and Catalysis, 2006, 47, 375-383.	1.0	20
20	Reactivity correlation of alcohols in hydroalkoxycarbonylation and transesterification reactions. Petroleum Chemistry, 2006, 46, 99-102.	1.4	5
21	Mechanism of the catalytic effect of the Pd(PPh3)2Cl2-PPh3-p-toluenesulfonic acid system on cyclohexene hydrocarbalkoxylation in cyclohexanol. Petroleum Chemistry, 2006, 46, 405-414.	1.4	8