

Vladimir V A Likholobov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201
papers

3,537
citations

29
h-index

51
g-index

203
ext. papers

3,744
ext. citations

3.2
avg, IF

4.51
L-index

#	Paper	IF	Citations
201	Effective Pd/C catalyst for chlorobenzene and hexachlorobenzene hydrodechlorination by direct pyrolysis of sawdust impregnated with palladium nitrate. <i>Catalysis Communications</i> , 2016 , 77, 37-41	3.2	10
200	A study of intermolecular hydrogen transfer from naphthenes to 1-hexene over zeolite catalysts. <i>Applied Catalysis A: General</i> , 2016 , 516, 153-159	5.1	12
199	Effect of the textural parameters of the carrier and the preparation procedure of the supported Ni-Mo/Sibunit catalysts on their catalytic activity. <i>Solid Fuel Chemistry</i> , 2015 , 49, 49-53	0.7	1
198	Effect of the modification conditions of the carbon material Sibunit on its texture changes. <i>Solid Fuel Chemistry</i> , 2015 , 49, 20-24	0.7	0
197	Synthesis and characterization of nanostructured hybrid nitrogen- and metal-containing carbon materials. <i>Solid Fuel Chemistry</i> , 2015 , 49, 1-6	0.7	5
196	Improving the performance of Pt-H3PMo12O40 catalysts in the selective dehydrogenation of propane with O2 and H2. <i>Catalysis Today</i> , 2015 , 245, 179-185	5.3	6
195	Development of a method of carbon sorbent modification with polyglycolic acid to create new carbon materials for medical application. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2015 , 51, 407-415	0.9	8
194	Effects of the carbon support nature and ruthenium content on the performances of Ru/C catalysts in the liquid-phase hydrogenation of benzaldehyde to benzyl alcohol. <i>Monatshefte für Chemie</i> , 2015 , 146, 923-930	1.4	9
193	Study of Pt/MgAlO _x catalysts in n-decane dehydrogenation. <i>Kinetics and Catalysis</i> , 2015 , 56, 655-662	1.5	15
192	Alkaline complexes of polyvinylene chlorides and their capacity for reversibly sorbing phenol. <i>Solid Fuel Chemistry</i> , 2015 , 49, 387-391	0.7	2
191	Electron Microscopy Investigation of Structural Transformation of Carbon Black under Influence of High-Energy Electron Beam. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015 , 23, 801-806	1.8	9
190	Mechanical activation of graphite in air: A way to advanced carbon nanomaterials. <i>Journal of Alloys and Compounds</i> , 2015 , 646, 145-154	5.7	11
189	Chlorobenzene hydrodechlorination catalyst prepared via the pyrolysis of sawdust impregnated with palladium nitrate. <i>Kinetics and Catalysis</i> , 2015 , 56, 764-773	1.5	10
188	Effect of the CeZrNd mixed oxide synthesis method in the catalytic combustion of soot. <i>Catalysis Today</i> , 2015 , 253, 77-82	5.3	7
187	Mechanochemical synthesis of nanocrystalline nickel-molybdenum compounds and their morphology and application in catalysis: II. Effect of mechanochemical activation parameters—process power density and exposure time—on the composition and structure of nickel-molybdenum compounds. <i>Kinetics and Catalysis</i> , 2014 , 55, 121-129	1.5	5
186	Mechanochemical synthesis of nanocrystalline nickel-molybdenum compounds and their morphology and application in catalysis: III. Catalytic properties of massive Ni-Mo sulfide catalysts synthesized using mechanochemical activation. <i>Kinetics and Catalysis</i> , 2014 , 55, 130-138	1.5	3
185	Selective dehydrogenation of propane to propene with O ₂ /H ₂ on bifunctional Pt-H3PMo12O40 catalysts. <i>Applied Catalysis A: General</i> , 2014 , 477, 1-7	5.1	10

184	Effect of γ -Al ₂ O ₃ hydrothermal treatment on the formation and properties of platinum sites in Pt/ γ -Al ₂ O ₃ catalysts. <i>Applied Catalysis A: General</i> , 2014 , 469, 472-482	5.1	46
183	Hydrogen transfer in transformations of olefin and thiophene compounds for the refining of gasoline fractions. <i>Fuel Processing Technology</i> , 2014 , 128, 251-256	7.2	8
182	Compaction of dispersed carbon globules by their consolidation. <i>Solid Fuel Chemistry</i> , 2014 , 48, 198-202	0.7	
181	Hydrogenation of ethyl p-nitrobenzoate on Pd/Sibunit catalysts. <i>Solid Fuel Chemistry</i> , 2014 , 48, 364-370	0.7	4
180	Formation of platinum sites on layered double hydroxide type basic supports: III. Effect of the mechanism of [PtCl ₆] ²⁻ complex binding to aluminum-magnesium layered double hydroxides on the properties of supported platinum in Pt/MgAlO _x catalysts. <i>Kinetics and Catalysis</i> , 2014 , 55, 786-792	1.5	11
179	Modified materials based on nanodispersed carbon. <i>Solid Fuel Chemistry</i> , 2014 , 48, 382-391	0.7	3
178	Synthesis and properties of a new generation of carbon materials from the Sibunit family modified with silicon compounds. <i>Solid Fuel Chemistry</i> , 2014 , 48, 335-348	0.7	3
177	Carbon materials from the Sibunit family and methods for controlling their properties. <i>Solid Fuel Chemistry</i> , 2014 , 48, 349-355	0.7	18
176	Application of new carbon-carbon sorbents to the removal of organic impurities from process liquors in the hydrometallurgy of cobalt. <i>Solid Fuel Chemistry</i> , 2014 , 48, 371-381	0.7	4
175	Development of new methods in modern selective organic synthesis: preparation of functionalized molecules with atomic precision. <i>Russian Chemical Reviews</i> , 2014 , 83, 885-985	6.8	153
174	Quadrupolar magic angle spinning NMR spectra fitted using the Pearson IV function. <i>Solid State Nuclear Magnetic Resonance</i> , 2014 , 63-64, 37-41	3.1	4
173	Structural Transformations in Carbon Black Under the Action of Powerful Energy Beams. <i>Springer Proceedings in Physics</i> , 2014 , 159-164	0.2	3
172	Use of platinum carbonyl complexes in the synthesis of Pt/MgAlO _x catalysts. <i>Kinetics and Catalysis</i> , 2013 , 54, 505-510	1.5	11
171	Pyrolysis of methane on a heat-treated FeCrAl coil heated with electric current. <i>Kinetics and Catalysis</i> , 2013 , 54, 199-206	1.5	16
170	Studies of the effect of surface modification of carbon sorbents by poly-N-vinylpyrrolidone using a complex of physicochemical and microbiological methods. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013 , 49, 430-439	0.9	8
169	Effect of structural defects in alumina supports on the formation and catalytic properties of the active component of reforming catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013 , 110, 459-470	1.6	7
168	On the possible discovery of intercalated carbonate anions via the analysis of ¹³ C NMR spectra of graphite-like carbon materials. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 1200-1202	0.7	
167	Effect of carbon support nature and palladium content on the properties of Pd/C catalysts in hydrogenation of benzaldehyde. <i>Theoretical and Experimental Chemistry</i> , 2013 , 48, 381-385	1.3	11

166	Liquid-phase isobutane alkylation with butenes over aluminum chloride complexes synthesized in situ from activated aluminum and tert-butyl chloride. <i>Kinetics and Catalysis</i> , 2012 , 53, 357-362	1.5	10
165	Structural transformations in nanoglobular carbon under the action of pulsed high-energy-density electron beam. <i>Technical Physics Letters</i> , 2012 , 38, 301-303	0.7	8
164	Modification of carbon sorbent surface by poly-N-vinylpyrrolidone in application medicine. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2012 , 48, 427-433	0.9	2
163	Genesis of the active-component precursor in the synthesis of Pt/Al ₂ O ₃ catalysts: III. Transformations of adsorbed platinum complexes during drying. <i>Kinetics and Catalysis</i> , 2012 , 53, 585-594	1.5	3
162	Kinetics of sorption of poly(ethylene glycols) of various molecular masses by globular carbon. <i>Polymer Science - Series A</i> , 2012 , 54, 11-18	1.2	
161	Transformations of thiophene compounds under catalytic cracking conditions. <i>Applied Catalysis B: Environmental</i> , 2012 , 117-118, 177-184	21.8	26
160	Carbon Adsorbents with Adjustable Porous Structure Formed in the Chemical Dehydro-Halogenation of Halogenated Polymers. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2011 , 33-40	0.1	4
159	Liquid-phase hydrogenation of acetylene on the Pd/sibunit catalyst in the presence of carbon monoxide. <i>Kinetics and Catalysis</i> , 2011 , 52, 251-257	1.5	23
158	Modifying the functional cover of the Al ₂ O ₃ surface using organic salts of aluminum. <i>Kinetics and Catalysis</i> , 2011 , 52, 629-636	1.5	2
157	Formation of platinum sites on layered double hydroxides type basic supports: I. Effect of the nature of the interlayer anion on the structure characteristics of the layered aluminum-magnesium hydroxide and the formation of an oxide phase. <i>Kinetics and Catalysis</i> , 2011 , 52, 761-769	1.5	14
156	Formation of platinum sites on layered double hydroxide type basic supports: II. Effect of the nature of the interlayer anion of the layered aluminum-magnesium hydroxides on platinum binding and Pt/MgAlO _x formation. <i>Kinetics and Catalysis</i> , 2011 , 52, 876-885	1.5	17
155	Mechanochemical synthesis of nanocrystalline nickel-molybdenum compounds, their morphology and application in catalysis: I. Effect of the Ni: Mo atomic ratio on the structure and properties of nickel-molybdenum compounds prepared under mechanochemical synthesis conditions. <i>Kinetics and Catalysis</i> , 2011 , 52, 896-897	1.5	8
154	Composition and properties of functional groups on surface of carbon sorbents modified by aminocaproic acid. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 181-190	0.9	7
153	Effect of the acid-base properties of Zr,Al-pillared clays on the catalytic performances in the reaction of propylene oxide with methanol. <i>Applied Catalysis B: Environmental</i> , 2011 , 104, 54-63	21.8	18
152	Synthesis of propylene glycol methyl ether from methanol and propylene oxide over alumina-pillared clays. <i>Applied Catalysis B: Environmental</i> , 2011 , 102, 433-440	21.8	29
151	Effect of the concentration of Pt(IV) and Pd(II) chloro complexes on the proportions of their ion-exchanged and coordinatively bound species on the Al ₂ O ₃ surface. <i>Kinetics and Catalysis</i> , 2010 , 51, 98-104	1.5	8
150	Interaction between Pt(IV) and Pd(II) chloro complexes in solution and on the Al ₂ O ₃ surface. <i>Kinetics and Catalysis</i> , 2010 , 51, 105-112	1.5	14
149	Interaction of nickel hydroxycarbonate, ammonium paramolybdate, and ammonium metatungstate under mechanical activation. <i>Kinetics and Catalysis</i> , 2010 , 51, 126-130	1.5	8

148	In situ study of the interaction between tert-butyl chloride and aluminum activated with liquid In-Ga eutectic. <i>Kinetics and Catalysis</i> , 2010 , 51, 354-358	1.5	1
147	Chemical composition optimization and characterization of the NiO/B ₂ O ₃ -Al ₂ O ₃ system as a catalyst for ethylene oligomerization. <i>Kinetics and Catalysis</i> , 2010 , 51, 404-409	1.5	15
146	Reactions of the coupled conversion of methane and higher alkanes. <i>Petroleum Chemistry</i> , 2010 , 50, 344-347		
145	Control of the adsorption capacity of a carbon sorbent with respect to protein molecules by surface modification with aminocaproic acid. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 406-413	0.8	4
144	Study of the effect of a number of oxidizers on variation of composition of surface functional groups, porous structure, and adsorption properties of composite carbon-carbon sorbent. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2010 , 46, 320-324	0.9	11
143	Sol-gel synthesis, characterization and catalytic activity of mesoporous alumina prepared from boehmite sol by different methods. <i>Journal of Sol-Gel Science and Technology</i> , 2010 , 56, 333-339	2.3	25
142	Investigation of active metal species formation in Pd-promoted sulfated zirconia isomerization catalyst. <i>Applied Catalysis A: General</i> , 2010 , 387, 5-12	5.1	19
141	Structure and composition of aluminum oxide films in contact with the liquid In-Ga eutectic. <i>Inorganic Materials</i> , 2009 , 45, 1346-1350	0.9	5
140	Catalytic properties of platinum-promoted acid cesium salts of molybdophosphoric and molybdovanadophosphoric heteropoly acids in the gas-phase oxidation of benzene to phenol with an O ₂ + H ₂ mixture. <i>Kinetics and Catalysis</i> , 2009 , 50, 205-219	1.5	4
139	Developing the synthesis of homogeneously microporous carbon membranes for selective extraction and accumulation of organic molecules with a carbon unit as a carrier. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 191-196	0.9	1
138	Evolution of the structures and sorption properties of dehydrochlorinated chloropolymers during their thermal conversions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 398-402	0.9	8
137	Hydroisomerization of reformed gasoline on the Pt/SO ₂ -ZrO ₂ catalyst. <i>Petroleum Chemistry</i> , 2009 , 49, 218-224	1.1	6
136	Liquid-phase oxidation of benzothiophene and dibenzothiophene by cumyl hydroperoxide in the presence of catalysts based on supported metal oxides. <i>Kinetics and Catalysis</i> , 2008 , 49, 644-652	1.5	19
135	Bimetallic palladium(II) and iron(III), titanium(IV), vanadium(V), cobalt(II), and copper(II) complexes with the [As ₂ W ₁₉ O ₆₇ (H ₂ O)] ¹⁴⁻ heteropolyanion. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 690-695	1.5	4
134	Hydrogen peroxide and oxygen-hydrogen oxidation of aromatic compounds in catalytic systems containing heteropoly compounds. <i>Journal of Hazardous Materials</i> , 2007 , 146, 569-76	12.8	26
133	Liquid-phase oxidation of pinene with oxygen catalyzed by carbon-supported platinum metals. <i>Kinetics and Catalysis</i> , 2007 , 48, 38-44	1.5	8
132	The structure of porous carbon formed in the chemical dehydrohalogenation of halogenated polymers followed by thermal treatment. <i>Russian Journal of Physical Chemistry A</i> , 2007 , 81, 346-348	0.7	3
131	Institute of Hydrocarbon Processing, Siberian Branch, Russian Academy of Sciences advances of science and practice in solving problems of chemical hydrocarbon processing. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 2215-2223	0.7	2

130	Investigation of the formation process of nanosized particles of Ru(III). <i>Journal of Structural Chemistry</i> , 2007 , 48, 144-149	0.9	3
129	WO ₃ /MO ₂ (M = Zr, Sn, Ti) heterogeneous acid catalysts: Synthesis, study, and use in cumene hydroperoxide decomposition. <i>Kinetics and Catalysis</i> , 2006 , 47, 564-571	1.5	6
128	Interaction of platinum and molybdophosphoric heteropoly acid under conditions of catalyst preparation for benzene oxidation to phenol with an O ₂ -H ₂ gas mixture. <i>Kinetics and Catalysis</i> , 2006 , 47, 704-714	1.5	11
127	Hydroxylation of benzene with oxygen and hydrogen over catalysts containing Group VIII metals and heteropoly compounds. <i>Catalysis Today</i> , 2005 , 99, 193-198	5.3	44
126	Oxidation of hydrocarbons with dioxygen via peroxide intermediates. <i>Kinetics and Catalysis</i> , 2005 , 46, 204-216	1.5	9
125	New Y(La)-M-O Binary Systems (M = Ca, Sr, or Ba): Synthesis, Physicochemical Characterization, and Application As the Supports of Ruthenium Catalysts for Ammonia Synthesis. <i>Kinetics and Catalysis</i> , 2004 , 45, 541-546	1.5	5
124	Filamentous carbons as a support for heteropoly acid. <i>Journal of Molecular Catalysis A</i> , 2004 , 211, 131-137		22
123	Preparation of colloidal solutions of noble metals stabilized by polyoxometalates and supported catalysts based on these solutions. <i>Kinetics and Catalysis</i> , 2004 , 45, 870-878	1.5	11
122	Hydroformylation of 1-hexene catalyzed by water soluble CoCl ₂ (TPPTS) ₂ in biphasic medium. <i>Journal of Molecular Catalysis A</i> , 2004 , 211, 83-87		21
121	Propylene oxidation by palladium nitro and nitrate complexes: in situ NMR and IR studies. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 2880-2887	2.3	1
120	New ammonia synthesis catalysts based on supported potassium carbonyl ruthenates as precursors of catalytically active ruthenium particles and potassium promoter. <i>Journal of Molecular Catalysis A</i> , 2004 , 219, 149-153		12
119	Study of the equilibrium of formation of arsenic(III) lacunar heteropolytungstates by Raman spectroscopy. <i>Russian Chemical Bulletin</i> , 2003 , 52, 370-374	1.7	8
118	Oxidation of cyclohexene and α -pinene with O ₂ /H ₂ mixture in the presence of supported platinum or palladium catalysts. <i>Russian Chemical Bulletin</i> , 2003 , 52, 1544-1551	1.7	2
117	Esterification of n-Butanol with Acetic Acid in the Presence of H ₃ PW ₁₂ O ₄₀ Supported on Mesoporous Carbon Materials. <i>Kinetics and Catalysis</i> , 2003 , 44, 778-787	1.5	12
116	Catalytic hydrodechlorination of hexachlorobenzene on carbon supported Pd-Ni bimetallic catalysts. <i>Applied Catalysis B: Environmental</i> , 2003 , 40, 293-304	21.8	68
115	Catalytic filamentous carbon. <i>Carbon</i> , 2003 , 41, 1605-1615	10.4	124
114	Oxidation of hydrocarbons by dioxygen reductively activated on platinum and heteropoly compounds. <i>Journal of Molecular Catalysis A</i> , 2003 , 204-205, 591-597		15
113	Carbon-supported palladium-ruthenium catalyst for hydropurification of terephthalic acid. <i>Applied Catalysis A: General</i> , 2002 , 225, 131-139	5.1	27

112	Influence of ruthenium addition on sintering of carbon-supported palladium. <i>Applied Catalysis A: General</i> , 2002 , 227, 117-123	5.1	19
111	Heterogeneous Catalysts for Halide-Free Carbonylation of Dimethyl Ether. <i>Catalysis Letters</i> , 2002 , 80, 175-179	2.8	42
110	Adsorption of H ₃ PW ₁₂ O ₄₀ by porous carbon materials. <i>Russian Chemical Bulletin</i> , 2002 , 51, 243-248	1.7	14
109	Catalytic systems based on platinum and heteropoly compounds for oxidation of hydrocarbons with a dioxygen-hydrogen gaseous mixture. <i>Russian Chemical Bulletin</i> , 2002 , 51, 975-981	1.7	2
108	Reductive Activation of Dioxygen in Catalytic Systems Including Platinum and Heteropoly Compounds: Oxidation of Cyclohexane. <i>Catalysis Letters</i> , 2002 , 84, 163-168	2.8	6
107	Iron-containing catalysts of methane decomposition: accumulation of filamentous carbon. <i>Applied Catalysis A: General</i> , 2002 , 228, 53-63	5.1	118
106	The effect of Co and Ir on the activity of the K ₂ [Fe ₂ (CO) ₈]- and K ₂ [Ru ₄ (CO) ₁₃]-based systems in ammonia synthesis.: The synergistic acceleration of the ammonia synthesis over the K ₂ [Fe ₂ (CO) ₈]+K catalysts by iridium. <i>Journal of Molecular Catalysis A</i> , 2001 , 165, 141-147		9
105	The synergistic acceleration of the ammonia synthesis over the K ₂ [Fe ₂ (CO) ₈] + K catalysts on carbon fibrous by rhodium. <i>Applied Catalysis A: General</i> , 2001 , 218, 251-256	5.1	7
104	Acidity of heteropoly acids with various structures and compositions studied by IR spectroscopy of the pyridinium salts. <i>Russian Chemical Bulletin</i> , 2001 , 50, 587-590	1.7	4
103	A study of complexation of chloral hydrate with heteropoly anions having various structures. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1529-1532	1.7	4
102	Palladium(II), Copper(II), Iron(III), and Vanadium(V) Complexes with Heteropolyanion PW ₉ O ₃₄ : 31P, 183W, 51V NMR and IR Spectroscopy Studies. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 838-845	1.6	9
101	Esterification of n-Butanol with Acetic Acid in the Presence of Heteropoly Acids with Different Structures and Compositions. <i>Kinetics and Catalysis</i> , 2001 , 42, 791-795	1.5	3
100	A Study of the Acid Properties of Structurally and Compositionally Different Heteropoly Acids in Acetic Acid. <i>Kinetics and Catalysis</i> , 2001 , 42, 785-790	1.5	5
99	Acidity of Solutions of Heteropoly Acids with Various Structures and Compositions. <i>Kinetics and Catalysis</i> , 2001 , 42, 30-34	1.5	8
98	Palladium catalysts on activated carbon supports. <i>Carbon</i> , 2000 , 38, 1241-1255	10.4	188
97	Liquid phase catalytic hydrodechlorination of chlorobenzene over supported nickel and palladium catalysts: an NMR insight into solvent function. <i>Journal of Molecular Catalysis A</i> , 2000 , 153, 231-236		48
96	XPS and TEM study of new carbon material: N-containing catalytic filamentous carbon. <i>Journal of Molecular Catalysis A</i> , 2000 , 158, 413-416		22
95	Active metal species assembled with heteropoly tungstate anion PW ₉ O ₃₄ for liquid phase hydrocarbon oxidation. <i>Journal of Molecular Catalysis A</i> , 2000 , 158, 429-433		10

94	Synthesis and study of acid catalyst 30% WO ₃ /SnO ₂ . <i>Journal of Molecular Catalysis A</i> , 2000 , 158, 435-438		20
93	Synthesis and study of palladium colloids and related catalysts. <i>Journal of Molecular Catalysis A</i> , 2000 , 158, 461-465		8
92	Amination of benzene and toluene with hydroxylamine in the presence of transition metal redox catalysts. <i>Journal of Molecular Catalysis A</i> , 2000 , 161, 1-9		34
91	Properties of Pt/C and Pd/C catalysts prepared by reduction with hydrogen of adsorbed metal chlorides. <i>Applied Catalysis A: General</i> , 2000 , 204, 229-240	5.1	83
90	On Metal Blocking in Micropores of Carbon Supports. <i>Reaction Kinetics and Catalysis Letters</i> , 2000 , 71, 165-171		7
89	Coupling of Phenol with Ketones in the Presence of Heteropoly Acids with Different Structures and Compositions. <i>Kinetics and Catalysis</i> , 2000 , 41, 767-770	1.5	4
88	Preparation of Polyoxometalate-Stabilized Colloidal Solutions of Palladium Metal and Catalysts Supported on Them. <i>Kinetics and Catalysis</i> , 2000 , 41, 844-852	1.5	15
87	Kinetic study of liquid-phase hydrodechlorination of hexachlorobenzene on Ni/C and 2%PdNi/C. <i>Kinetics and Catalysis</i> , 2000 , 41, 25-32	1.5	12
86	Supported ammonia synthesis catalysts based on potassium derivatives of anionic ruthenium, osmium and iron carbonyl clusters. The first catalysts on carbon support exhibiting activity in ammonia synthesis in the absence of a specially added electron promoter. <i>Journal of Molecular Catalysis A</i> , 1999 , 139, 219-225		20
85	¹²⁹ Xe NMR study of carbonaceous materials: effects of surface chemistry and nanotexture. <i>Carbon</i> , 1999 , 37, 591-600	10.4	33
84	Porous carbon materials prepared from C ₁₀ H ₈ hydrocarbons. <i>Catalysis Today</i> , 1998 , 42, 341-345	5.3	43
83	Liquid-phase hydrodechlorination of polychloroaromatic compounds in the presence of Pd-promoted nickel catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1998 , 65, 177-183		13
82	Anionic ruthenium cluster K ₂ [Ru ₄ (CO) ₁₃] as precursor of catalytically active ruthenium particles and potassium promoter. New efficient ammonia synthesis catalysts based on supported K ₂ [Ru ₄ (CO) ₁₃]. <i>Journal of Molecular Catalysis A</i> , 1998 , 132, 263-265		13
81	Catalytic activation of C-H bonds of alkanes, ethene and aromatic hydrocarbons by the adducts of active carbons with metallic potassium. <i>Journal of Molecular Catalysis A</i> , 1998 , 132, 277-280		2
80	FTIR Spectroscopic Study and CO Hydrogenation on V, Nb, and Ta Oxide Promoted Rh/SiO ₂ Catalysts. <i>Journal of Catalysis</i> , 1997 , 169, 132-142	7.3	26
79	Relation between structure and catalytic properties of transition metal complexes with heteropolyanion PW ₁₁ O ₇ B ₉ in oxidative reactions. <i>Journal of Molecular Catalysis A</i> , 1997 , 117, 389-396		30
78	Reactivity of transition-metal-modified, Keggin-type heteropolycomplexes in the homogeneous oxidation of cyclohexane and adamantane. <i>Journal of Molecular Catalysis A</i> , 1997 , 127, 85-94		14
77	On the nature of the interaction of H ₂ PdCl ₄ with the surface of graphite-like carbon materials. <i>Carbon</i> , 1997 , 35, 73-82	10.4	62

76	Structure and texture of filamentous carbons produced by methane decomposition on Ni and Ni-Cu catalysts. <i>Carbon</i> , 1997 , 35, 1129-1140	10.4	81
75	Titanium(IV) polynuclear hydroxo complexes stabilized in solution by [PW11O39]7- heteropolyanion. <i>Reaction Kinetics and Catalysis Letters</i> , 1996 , 59, 367-374		2
74	Membrane separation of ions for the preparation of pure solutions of heteropolycompounds. <i>Russian Chemical Bulletin</i> , 1996 , 45, 964-966	1.7	3
73	Structure of polynuclear palladium(II) hydroxocomplexes and the mechanism of their adsorption by carbon materials. <i>Russian Chemical Bulletin</i> , 1996 , 45, 1296-1302	1.7	12
72	Low-temperature hydrodechlorination of 2,3-dichlorodibenzo-p-dioxin and chlorobenzene with hydrides catalyzed by transition metal compounds. <i>Russian Chemical Bulletin</i> , 1996 , 45, 1321-1324	1.7	4
71	Catalytic properties of heteropoly complexes containing Fe(III) ions in benzene oxidation by hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , 1996 , 111, 81-90		30
70	Catalytic properties of Cr-containing heteropolytungstates in H2O2 participated reactions: H2O2 decomposition and oxidation of unsaturated hydrocarbons with H2O2. <i>Journal of Molecular Catalysis A</i> , 1996 , 108, 135-143		29
69	Heterogenized catalysts for olefin hydroformylation containing cobalt and palladium-cobalt complexes anchored on phosphinated SiO2: a 13C solid-state NMR study. <i>Journal of Molecular Catalysis A</i> , 1996 , 112, 217-233		9
68	Complexes of palladium(II) and platinum(II) with the PW11O7B9 heteropolyanion as catalytically active species in benzene oxidation. <i>Journal of Molecular Catalysis A</i> , 1996 , 114, 131-139		53
67	The mechanism of the catalytic behaviour of platinum triphenylphosphine complexes in the ethylene hydrocarbonylation. <i>Journal of Molecular Catalysis A</i> , 1995 , 101, 221-235		5
66	Promotion effect of carbon on the oxidation of ferrous ions by oxygen in the presence of sodium nitrite. <i>Applied Catalysis A: General</i> , 1995 , 128, 41-52	5.1	7
65	New carbon-carbonaceous composites for catalysis and adsorption. <i>Reaction Kinetics and Catalysis Letters</i> , 1995 , 54, 381-411		62
64	Structure of polynuclear palladium(ii) hydroxocomplexes formed upon alkaline hydrolysis of palladium(ii) chloride complexes. <i>Russian Chemical Bulletin</i> , 1995 , 44, 1822-1826	1.7	19
63	27Al, 1H NMR studies of supported LiAlH4 and Pd?LiAlH4 as reagents for dechlorination of chlorobenzene. <i>Journal of Molecular Catalysis A</i> , 1995 , 101, 237-241		13
62	Origin of agglomerates observed in high resolution transmission electron microscope (HRTEM) micrographs of a catalyst containing platinum (II) complexes anchored on phosphinated SiO2: Computer simulation of HRTEM images. <i>Journal of Molecular Catalysis</i> , 1994 , 87, 231-242		3
61	FTIR studies of CO chemisorption and reactivity on Rh/SiO 2 catalysts promoted by niobium oxide. <i>Journal of Molecular Catalysis</i> , 1994 , 92, 217-233		11
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