

Leonard M Khalilov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hybrid Molecules Based on Fullerene C60 and Dithienylethenes. Synthesis and Photochromic Properties. Optically Controlled Organic Field-Effect Transistors. Photochemistry and Photobiology, 2022, 98, 815-822.	1.3	3
2	X-ray diffraction and theoretical study of molecular and crystal structure of new crystalline aryl- and alkyl-substituted N-(adamantan-1-yl)amides: Similarities and differences. Journal of Molecular Structure, 2022, 1261, 132783.	1.8	1
3	Synthesis, Crystal Structure and Docking Studies as Potential Anti-Inflammatory Agents of Novel Antipyrine Sulfanyl Derivatives. Journal of Molecular Structure, 2021, 1228, 129734.	1.8	8
4	<i>N</i> -Substituted tetrahydropentaazadibenzocycloheptafluorenes – a new type of condensed polyazapolycyclic system. New Journal of Chemistry, 2021, 45, 1240-1246.	1.4	3
5	Hydroxy Derivatives of Poststerone and Its Nontrivial 13(14 α)-Abeo-analogues: Synthesis, Crystal Packing, and Intermolecular Hydrogen Bonds. Journal of Molecular Structure, 2021, 1227, 129509.	1.8	5
6	Glycyrrhetic acid derivatives as Zika virus inhibitors: Synthesis and antiviral activity in vitro. Bioorganic and Medicinal Chemistry, 2021, 41, 116204.	1.4	26
7	Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-[4-(dimethylamino)phenyl]-1,3-dioxane. Russian Journal of Organic Chemistry, 2021, 57, 1268-1274.	0.3	1
8	Zirconocene dichlorides as catalysts in alkene carbo- and cyclometalation by AlEt ₃ : intermediate structures and dynamics. Dalton Transactions, 2021, 50, 15802-15820.	1.6	1
9	New norbornadiene-tethered fulleropyrrolidines. Mendeleev Communications, 2020, 30, 352-354.	0.6	2
10	Synthesis, structure, and antitumor activity of 2,9-disubstituted perhydro 2,3a,7b,9,10a,14b-hexaazadibenzotetracenes. RSC Advances, 2020, 10, 21039-21048.	1.7	10
11	Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2,2-diphenyl-1,3-dioxane. Russian Journal of Organic Chemistry, 2020, 56, 1-6.	0.3	8
12	Catalytic cycloaluminum of 1,2-dienes in the total synthesis of natural grenadamide and lyngbyoic acid. Russian Chemical Bulletin, 2020, 69, 386-389.	0.4	4
13	Twist-chair conformation of the tetraoxepane ring remains unchanged in tetraoxaspirododecane diamines. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 276-286.	0.2	4
14	How the oxazole fragment influences the conformation of the tetraoxazocane ring in a cyclohexanespiro- β -(1,2,4,5,7-tetraoxazocane): single-crystal X-ray and theoretical study. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1439-1447.	0.2	0
15	A new original approach to the design of anticancer drugs based on energy-rich quadricyclanes. Russian Chemical Bulletin, 2019, 68, 1036-1040.	0.4	7
16	How regioisomeric fullerene C60 bis-cycloadducts can be distinguished with ¹³ C NMR? Quantum-chemical assessment and empirical correction. Computational and Theoretical Chemistry, 2019, 1158, 1-7.	1.1	3
17	First Example of Catalytic Synthesis of Difurazano-hexahydrohexaazapyrenes and <i>In Vitro</i> Study of Their Antitumor Activity. ACS Medicinal Chemistry Letters, 2019, 10, 378-382.	1.3	11
18	Cobalt-Catalyzed Reactions of Propargylamines with Elemental Sulfur. Russian Journal of Organic Chemistry, 2019, 55, 1890-1895.	0.3	3

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19	Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-phenyl-1,3-dioxane. Russian Journal of General Chemistry, 2018, 88, 397-402.	0.3	4
20	Synthesis, molecular structure, conformation and biological activity of Ad-substituted N-aryl-tetraoxaspiroalkanes. Tetrahedron, 2018, 74, 1749-1758.	1.0	22
21	Self-association processes of substituted alumolanes in non-polar solvents. Journal of Organometallic Chemistry, 2018, 867, 170-182.	0.8	3
22	Ligand exchange processes in zirconocene dichloride-trimethylaluminum bimetallic systems and their catalytic properties in reaction with alkenes. Dalton Transactions, 2018, 47, 16918-16937.	1.6	7
23	Alkene and Olefin Functionalization by Organoaluminum Compounds, Catalyzed with Zirconocenes: Mechanisms and Prospects. , 2018, , .		1
24	Structure and Conformational Analysis of 5,5-Bis(bromomethyl)-2-(4-methoxyphenyl)-1,3-dioxane. Russian Journal of Organic Chemistry, 2018, 54, 1076-1079.	0.3	4
25	Neural network for prediction of ¹³ C NMR chemical shifts of fullerene C ₆₀ mono-adducts. Journal of Chemometrics, 2018, 32, e3037.	0.7	2
26	What is responsible for conformational diversity in single-crystal tetraoxazaspiroalkanes? X-Ray, DFT, and AIM approaches. CrystEngComm, 2018, 20, 3207-3217.	1.3	5
27	Catalytic [6 π + 2 π]-Cycloaddition of 1,2-Dienes to Bis(cyclohepta-1,3,5-trien-7-yl)alkanes in the Presence of Ti(acac) ₂ Cl ₂ ·Et ₂ AlCl. Russian Journal of Organic Chemistry, 2018, 54, 832-839.	0.3	4
28	Mechanism of Cp ₂ ZrCl ₂ -Catalyzed Olefin Cycloaluminumation with AlEt ₃ : Quantum Chemical Approach. Organometallics, 2018, 37, 2406-2418.	1.1	10
29	MALDI Mass Spectrometry of Fullero[C ₆₀]tetrahydropyridines. Russian Journal of Physical Chemistry A, 2018, 92, 1345-1350.	0.1	1
30	Structure and conformational analysis of 2-hydroxy-5-isobutyl-1,3,2-dioxaborinane. Russian Journal of General Chemistry, 2017, 87, 44-49.	0.3	0
31	Catalytic thiomethylation of N-substituted ureas and thioureas with N,N,N',N'-tetramethylmethanediamine and β -alkanedithiols. Russian Journal of Organic Chemistry, 2017, 53, 315-321.	0.3	2
32	β -alkylation, 7,7-bisalkylation, and reduction of the 20-oxo group of poststerone in reactions with alkyl halides in lithium-ammonia solution. Russian Journal of Organic Chemistry, 2017, 53, 109-117.	0.3	2
33	Electrochemical and electrophysical properties of aminomethano- and tetrahydropyridino-C ₆₀ -fullerenes. Mendeleev Communications, 2017, 27, 201-203.	0.6	2
34	One-pot catalytic synthesis of 2,7-bis-substituted 4,9(10)-dimethyl-2,3a,5a,7,8a,10a-hexaazaperhydropyrenes. Tetrahedron, 2017, 73, 6880-6886.	1.0	15
35	Mechanism of catalytic cycloboration of β -olefins with boron trichloride: the synthesis of hardly obtainable boriranes and the mechanistic DFT study of transmetalation of titanacyclopropane intermediates. Kinetics and Catalysis, 2017, 58, 549-555.	0.3	6
36	Conformational transformations and autooxidation of 5-bromo-2-(2-methylpropyl)-5-nitro-1,3,2-dioxaborinane. Russian Journal of Organic Chemistry, 2017, 53, 926-931.	0.3	0

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37	Atropisomeric N-acyl-N-(cyclopentenylphenyl)glycines in the synthesis of oxazolo[3,4-a]benzoxazinones. Russian Journal of Organic Chemistry, 2017, 53, 697-708.	0.3	6
38	Synthesis of novel $\hat{\pm}$ -aminoecdysteroids via regio- and stereoselective oximation/hydrogenation of 20-hydroxyecdysone derivatives. Canadian Journal of Chemistry, 2017, 95, 130-133.	0.6	5
39	Are there reliable DFT approaches for $\langle \sup \rangle 13 \langle /sup \rangle$ C NMR chemical shift predictions of fullerene $C \langle sub \rangle 60 \langle /sub \rangle$ derivatives?. International Journal of Quantum Chemistry, 2017, 117, 7-14.	1.0	11
40	Cycloaluminum of allylbenzenes with triethylaluminum in the presence of Cp ₂ ZrCl ₂ . One-pot synthesis of 2-benzylbutane-1,4-diols as precursors of dibenzylbutane lignans. Russian Journal of Organic Chemistry, 2016, 52, 1750-1755.	0.3	3
41	Covalent binding of fullerene C ₆₀ to dithienylethene as a promising approach to the preparation of new photochromic compounds. Mendeleev Communications, 2016, 26, 143-145.	0.6	13
42	Selective hydroxylation of diamantane with 2,3,4,5,6-pentafluoroperbenzoic acid in the presence of molybdenum complexes. Russian Journal of Organic Chemistry, 2016, 52, 1121-1125.	0.3	3
43	Synthesis, structure and photochromic properties of hybrid molecules based on fullerene $C \langle sub \rangle 60 \langle /sub \rangle$ and spiropyran. RSC Advances, 2016, 6, 71151-71155.	1.7	22
44	Intramolecular mobility of $\hat{\sup} \langle sup \rangle 5 \langle /sup \rangle$ -ligands in chiral zirconocene complexes and the enantioselectivity of alkene functionalization by organoaluminum compounds. Dalton Transactions, 2016, 45, 12814-12826.	1.6	7
45	Structure and conformations of $\hat{\sup} \langle sup \rangle 2$ -substituted and $\hat{\sup} \langle sup \rangle 3$ -substituted alumolanes in polar solvents: a direct NMR observation. Magnetic Resonance in Chemistry, 2016, 54, 62-74.	1.1	11
46	Mechanistic aspects of chemo- and regioselectivity in Cp ₂ ZrCl ₂ -catalyzed alkene cycloaluminum by AlEt ₃ . Journal of Organometallic Chemistry, 2016, 822, 135-143.	0.8	10
47	An efficient synthesis of 7-membered dithiazepane alkanooates and 13- or 20-membered thiazamacrocycles catalyzed by SmCl ₃ ·6H ₂ O. Tetrahedron, 2016, 72, 8223-8229.	1.0	9
48	Intermolecular interactions and chiral crystallization effects in (1,5,3-dithiazepan-3-yl)-alkanoic acids. CrystEngComm, 2016, 18, 5686-5696.	1.3	3
49	Prediction of ¹³ C NMR chemical shifts by artificial neural network. I. Partial charge model as atomic descriptor. Chemometrics and Intelligent Laboratory Systems, 2016, 152, 62-68.	1.8	5
50	Catalytic cyclometallation in steroid chemistry IV: Efficient method for the synthesis of tetrahydrothiophene, tetrahydroselephen and cyclopentanone derivatives of (5 $\hat{\pm}$)-cholestane. Steroids, 2016, 108, 77-84.	0.8	2
51	A green synthesis in water of novel (1,5,3-dithiazepan-3-yl)alkanoic acids by the multicomponent reaction of amino acids, $\$ \{ CH \}_ 2 \$$ CH ₂ O, and 1,2-ethanedithiol. Molecular Diversity, 2016, 20, 557-565.	2.1	11
52	$\hat{\pm}$ -Alkylation and 7,7-bis-alkylation of 20-hydroxyecdysone with propargyl bromide in a lithium-ammonia solution and catalytic reductive spirocyclization of 7,7-bis(2-propyn-1-yl)-14-deoxy- $\hat{\sup} \langle sup \rangle 8 \langle /sup \rangle$ (14)-20-hydroxyecdysone. Steroids, 2016, 107, 121-127.	0.8	3
53	Samarium(III) nitrate-catalyzed one-pot synthesis of 42-membered N,S,O-containing cyclophanes. Arkivoc, 2016, 2016, 48-57.	0.3	3
54	Synthesis of bis-1,5,3-dithiazepanes on the basis of aromatic diamines. Russian Journal of Organic Chemistry, 2015, 51, 1788-1792.	0.3	7

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55	Structure of 5, 11-dithia-1, 3, 7, 9-tetraazatricyclo[7.3.0.03, 7]dodecane in the crystal. Russian Chemical Bulletin, 2015, 64, 2741-2743.	0.4	1
56	Molecular structure and conformational preference of 2-methyl-5-nitro-5-bromo-1,3,2-dioxaborinane and its complex with pyridine. Journal of Structural Chemistry, 2015, 56, 1360-1366.	0.3	1
57	Catalytic cycloaminomethylation of ureas and thioureas with N,N-bis(methoxymethyl)alkanamines. Russian Journal of Organic Chemistry, 2015, 51, 116-120.	0.3	10
58	C- and O-alkylation of ecdysteroids in lithium-ammonia solution. Russian Journal of Organic Chemistry, 2015, 51, 1633-1641.	0.3	0
59	Synthesis of [60]fulleropyrrolidine- α -dithienylethene conjugates and DFT calculations of their photochromic properties. Mendeleev Communications, 2015, 25, 470-472.	0.6	11
60	Catalytic enantioselective ethylaluminumation of terminal alkenes: substrate effects and absolute configuration assignment. Tetrahedron: Asymmetry, 2015, 26, 124-135.	1.8	13
61	Circular dichroism spectra of new optically active terpenoid spiro homofullerenes. Mendeleev Communications, 2015, 25, 273-274.	0.6	1
62	Role of Zr,Al Hydride Intermediate Structure and Dynamics in Alkene Hydroalumination with XAlBu ₂ (X = H, Cl, Bu), Catalyzed by Zr ⁵⁺ Complexes. Organometallics, 2015, 34, 3559-3570.	1.1	29
63	Structure of β -bis-(pentane-2,4-dione-3-ylmethylsulfanyl)alkanes and even/odd crystallization effects. Journal of Crystal Growth, 2015, 426, 214-220.	0.7	4
64	Dimerization of norbornene on zeolite catalysts. Chinese Journal of Catalysis, 2015, 36, 268-273.	6.9	9
65	Stereospecific β -alkylation of 20-hydroxyecdysone in a lithium-ammonia solution. Steroids, 2015, 98, 122-125.	0.8	5
66	Cobalt(I)-catalyzed [6 π +2 π]-cycloadditions of 1,2-dienes to 1,3,5,7-cyclooctatetraene. Tetrahedron Letters, 2015, 56, 2005-2007.	0.7	9
67	Symmetry, inertness and chirality in theory of chiral systems. Foundations of Chemistry, 2015, 17, 129-135.	0.4	1
68	One-Pot Synthesis of Novel Cyclopentene-Fused Octahydropyridoquinolines and Octahydrophenanthrolines. Synthesis, 2015, 47, 2467-2472.	1.2	4
69	Efficient catalytic synthesis of N-cycloalkyl-1,5,3-dithiazepanes. Russian Journal of Organic Chemistry, 2015, 51, 951-956.	0.3	8
70	Synthesis and X-ray diffraction study of triamantane. Tetrahedron Letters, 2015, 56, 536-538.	0.7	8
71	Efficient catalytic synthesis of (1,5,3-dithiazepan-3-yl)quinolines. Russian Journal of Organic Chemistry, 2014, 50, 1613-1616.	0.3	12
72	Multicomponent reactions of amino alcohols with CH ₂ O and dithiols in the synthesis of 1,3,5-dithiazepanes and macroheterocycles. Tetrahedron, 2014, 70, 3502-3509.	1.0	25

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73	Diastereotopic splitting in the ¹³ C NMR spectra of sulfur homofullerenes and methanofullerenes with chiral fragments. <i>Magnetic Resonance in Chemistry</i> , 2014, 52, 3-9.	1.1	10
74	An efficient catalytic method for the synthesis of 2,7-dialkyl-2,3a,5a,7,8a,10a-hexaazaperhydropyrenes. <i>Tetrahedron Letters</i> , 2014, 55, 6367-6369.	0.7	13
75	Synthesis of 4-Aryl-8-fluoro-3a,4,5,9b-tetrahydro-3H-cyclopenta[<i>c</i>]quinolines and Their Ozonides. <i>Helvetica Chimica Acta</i> , 2014, 97, 1317-1325.	1.0	8
76	Catalytic cyclometallation of allylbenzenes by EtAlCl ₂ and Mg as new route to synthesis of dibenzyl butane lignans. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 292-298.	0.8	8
77	Synthesis of N-Hydroxyalkyl-1,5,3-Dithiazepanes Based on Amino Alcohols. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 720-725.	0.6	10
78	Multicomponent Synthesis and Biological Activity of (Sulfanylalkyl)-Substituted Azaheterocycles. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 742-751.	0.6	17
79	Hydroxylation and epimerization of ecdysteroids in alkaline media: Stereoselective synthesis of 9 β -hydroxy-5 α -ecdysteroids. <i>Steroids</i> , 2014, 88, 101-105.	0.8	7
80	Zirconium-catalyzed one-pot synthesis of β -spirocyclopropyl- β -caprolactones. <i>Mendeleev Communications</i> , 2014, 24, 226-228.	0.6	2
81	Isolation and identification of phytoecdysteroids from juice of <i>Serratula quinquefolia</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 392-394.	0.2	3
82	Catalytic cycloaluminum in steroid chemistry II: Selective functionalization of 2 α -methylidene-2 β -ethano-(5 β)-cholestane. <i>Steroids</i> , 2013, 78, 1298-1303.	0.8	14
83	Synthesis and transformations of metallacycles 42. Cp ₂ ZrCl ₂ -Catalyzed cycloaluminum of 3-methylidene-spiro[cyclobutane-1,3-(5 β)-cholestane] with Et ₃ Al. <i>Russian Chemical Bulletin</i> , 2013, 62, 183-187.	0.4	6
84	Selective dimerization of higher cycloolefins in the presence of micro- and micromesoporous zeolite catalysts. <i>Russian Chemical Bulletin</i> , 2013, 62, 444-449.	0.4	3
85	Transition metal-catalyzed homodimerization of 1,3,5-cycloheptatrienes. <i>Russian Chemical Bulletin</i> , 2013, 62, 441-443.	0.4	5
86	A short way to invert configuration of the 2,3-hydroxy groups in ecdysteroids. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 995-998.	0.3	1
87	[6 π +2 π]-Cycloaddition of 1,3-Diallenes and 1,3-Diacetylenes to 1,3,5-Cycloheptatriene in the Presence of TiCl ₄ -Et ₂ AlCl. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1139-1142.	0.3	12
88	Cyclocondensation of lower aliphatic aldehydes with arylamines and cyclopentadiene. <i>Russian Chemical Bulletin</i> , 2013, 62, 2377-2384.	0.4	2
89	Catalytic cycloaluminum in steroid chemistry: The introduction of a spiro-tetrahydrofuran or spiro-tetrahydro-selenophene moiety into a 3 α -methylene-(5 β)-spirocholestane-3,1 β -cyclobutane molecule. <i>Steroids</i> , 2013, 78, 241-246.	0.8	11
90	Stereocontrolled monoalkylation of mixed-ring complex CpCp α -ZrCl ₂ (Cp α =1-neomenthyl-4,5,6,7-tetrahydroindenyl) by lithium, magnesium and aluminum alkyls. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 37-45.	0.8	6

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91	N-[2-(5-Hydroxy-1H-indol-3-yl)ethyl]-p-coumaramide from <i>Phragmites australis</i> . <i>Chemistry of Natural Compounds</i> , 2013, 48, 1117-1118.	0.2	2
92	Asymmetric alkene cycloalumination by AlEt ₃ , catalyzed with neomenthylindenyl zirconium I ⁻ -complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 723, 19-25.	0.8	13
93	Effective synthesis of N-aryl-substituted 1,5,3-dithiazepinanes and 1,5,3-dithiazocinanes. <i>Chemistry of Heterocyclic Compounds</i> , 2012, 48, 1050-1057.	0.6	18
94	Two routes of tantalum-catalyzed alkene carbomagnesiation with ethyl Grignard reagents. <i>Journal of Organometallic Chemistry</i> , 2012, 715, 5-8.	0.8	18
95	Synthesis and transformations of metallacycles 41. Cyclomagnesiation of O-containing 1,2-dienes with Grignard reagents in the presence of Cp ₂ TiCl ₂ . <i>Russian Chemical Bulletin</i> , 2012, 61, 1943-1949.	0.4	17
96	Mechanisms of reactions of organoaluminium compounds with alkenes and alkynes catalyzed by Zr complexes. <i>Russian Chemical Reviews</i> , 2012, 81, 524-548.	2.5	28
97	The first synthesis of spirocyclopentyl derivatives of lupane triterpenoids by radical nitrocyclization of C-2-diallyl substituted betulonates. <i>Tetrahedron Letters</i> , 2012, 53, 217-221.	0.7	5
98	A new method for the synthesis of 1,5-bis-1,5,3-dithiazepinanes using SmCl ₃ ·6H ₂ O as the catalyst. <i>Tetrahedron Letters</i> , 2012, 53, 4225-4227.	0.7	18
99	Cyclomagnesiation of nitrogen-containing 1,2-dienes with grignard compounds catalyzed by Cp ₂ TiCl ₂ . <i>Russian Journal of Organic Chemistry</i> , 2012, 48, 349-353.	0.3	12
100	DFT and Ab Initio Study on Mechanism of Olefin Hydroalumination by XAlBu ₂ i in the Presence of Cp ₂ ZrCl ₂ Catalyst. II.(1) Olefin Interaction with Catalytically Active Centers. <i>Organometallics</i> , 2011, 30, 6078-6089.	1.1	27
101	On accuracy of the ¹³ C NMR chemical shift GIAO calculations of fullerene C ₆₀ derivatives at PBE/3-21G approach. <i>Computational and Theoretical Chemistry</i> , 2011, 976, 12-18.	1.1	17
102	Synthesis of 7,8-dihydro-14-deoxyecdysteroids. <i>Steroids</i> , 2011, 76, 603-606.	0.8	7
103	A quantum chemical study of self-association of HAlBu ₂ i and ClAlBu ₂ i. <i>Journal of Structural Chemistry</i> , 2011, 52, 27-34.	0.3	9
104	A facile synthesis of spiro macrocarbocycles via the cycloalumination reaction of cyclic alkynes and alkadiynes. <i>Tetrahedron Letters</i> , 2011, 52, 4602-4605.	0.7	14
105	Sodium borohydride reduction of 4-aryl-N-trifluoroacetyl-3a,4,5,9b-tetrahydro-3H-cyclopenta[c]quinoline ozonide. <i>Mendeleev Communications</i> , 2011, 21, 285-286.	0.6	1
106	Codimerisation of styrene and p-methylstyrene in the presence of zeolites. <i>Applied Catalysis A: General</i> , 2011, 407, 85-90.	2.2	3
107	Transformation of 20-anhydro-20-hydroxyecdysone diacetone into 7,8-dihydroponasterone a and its acetonides. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 1097-1100.	0.3	3
108	Effective synthesis of N-substituted 1,3,5-dithiazinanes by reactions of N-methyl-1,3,5-dithiazinane and 1,3,5-trithiane with aromatic amines. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 1300-1304.	0.3	6

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109	Cycloaddition of cage and polycyclic diazo compounds to C ₆₀ fullerene catalyzed by Pd(acac) ₂ -2PPh ₃ -4Et ₃ Al. <i>Petroleum Chemistry</i> , 2011, 51, 123-127.	0.4	7
110	Titanium-catalyzed cyclocodimerization of cyclohepta-1,3,5-triene with spiro[cyclopropane-1,7- ² -norborna-2,5-diene]. <i>Russian Chemical Bulletin</i> , 2011, 60, 182-184.	0.4	14
111	TiCl ₄ -Et ₂ AlCl-Catalyzed cycloaddition of 1,2-dienes to 1,3,5-cycloheptatriene. <i>Russian Chemical Bulletin</i> , 2011, 60, 499-502.	0.4	13
112	Novel lupane triterpenoids containing allyl substituents in ring A: synthesis and in vitro study of antiinflammatory and cytotoxic properties. <i>Russian Chemical Bulletin</i> , 2011, 60, 694-701.	0.4	7
113	¹ H and ¹³ C NMR chemical shift assignments of <i>spiro</i> -cycloalkylidenehomo- and methanofullerenes by the DFT-GIAO method. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 378-384.	1.1	17
114	Homo- and methano[60]fullerenes with chiral attached moieties – ¹ H and ¹³ C NMR chemical shift assignments and diastereotopicity effects. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 768-774.	1.1	5
115	How reliable are GIAO calculations of ¹ H and ¹³ C NMR chemical shifts? A statistical analysis and empirical corrections at DFT (PBE/3z) level. <i>Journal of Computational Chemistry</i> , 2011, 32, 1993-1997.	1.5	63
116	Synthesis of optically active spiro homo- and methanofullerenes. <i>Tetrahedron Letters</i> , 2011, 52, 834-836.	0.7	13
117	Oxidation of dermatan sulfate with a NaOCl-NaBr-2,2,6,6-tetramethylpiperidine-1-oxyl reagent in an aqueous medium. <i>Russian Journal of Bioorganic Chemistry</i> , 2010, 36, 354-358.	0.3	4
118	Synthesis of functionally substituted methanofullerenes and study of their tribological properties. <i>Russian Journal of Applied Chemistry</i> , 2010, 83, 1238-1242.	0.1	8
119	Alk-2-yn-1-amines in the synthesis of substituted quinolines in the presence of palladium complexes. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 422-426.	0.3	4
120	Synthesis of fullerene epoxide (C ₆₀ O) by oxidation of fullerene C ₆₀ with oxygen catalyzed by Mn(III), Ni(II), and Co(II) acetylacetonates. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 1776-1779.	0.3	9
121	Cycloaddition of diazoketones to [60]fullerene in the presence of the catalytic system Pd(acac) ₂ -PPh ₃ -Et ₃ Al. <i>Russian Chemical Bulletin</i> , 2010, 59, 611-614.	0.4	12
122	Cycloaddition of diazocycloalkanes to [60]fullerene in the presence of Pd-containing complex catalyst. <i>Russian Chemical Bulletin</i> , 2010, 59, 977-983.	0.4	11
123	An unusual reaction of propargylamines with CH ₂ I ₂ and Et ₃ Al. <i>Russian Chemical Bulletin</i> , 2010, 59, 1668-1670.	0.4	3
124	Synthesis and transformations of metallacycles 36. Cycloaluminum of macrocyclic diacetylenes with Et ₃ Al catalyzed by Cp ₂ ZrCl ₂ . <i>Russian Chemical Bulletin</i> , 2010, 59, 1902-1908.	0.4	9
125	Cycloaddition of diazoacetates to C ₆₀ fullerene catalysed by Pd complexes. <i>Russian Chemical Bulletin</i> , 2010, 59, 1959-1963.	0.4	5
126	Transformation of 9 β ,14 β -epoxy-14-deoxy-20-hydroxyecdysone diacetone into 25-hydroxydachryhainansterone. <i>Mendeleev Communications</i> , 2010, 20, 293-295.	0.6	7

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127	Zirconium-mediated cyclomagnesiation of styrene using magnesacyclopentane and 1,4-di(brommagnesium)butane as a method for the preparation of macrocyclic organomagnesium compounds. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1550-1554.	0.8	0
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