

# Usein M Dzhemilev

## List of Publications by Year in descending order

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815  
all docs

815  
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times ranked

2916  
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#	ARTICLE	IF	CITATIONS
1	Metal Complex Catalysis in the Synthesis of Spirocarbocycles. Chemical Reviews, 2014, 114, 5775-5814.	47.7	205
2	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	6.5	157
3	Metal complex catalysis in the synthesis of organoaluminium compounds. Russian Chemical Reviews, 2000, 69, 121-135.	6.5	95
4	Some novelties in olefin carbometallation assisted by alkyl-magnesium and -aluminium derivatives and catalyzed by zirconium and titanium complexes. Journal of Organometallic Chemistry, 1985, 285, 43-51.	1.8	88
5	Catalytic decomposition of diazomethane as a general method for the methylenation of chemical compounds. Russian Chemical Reviews, 1993, 62, 799-838.	6.5	71
6	New achievements in the use of zirconium complexes in the chemistry of organo-aluminium and magnesium compounds. Tetrahedron, 1995, 51, 4333-4346.	1.9	59
7	Metal complex catalysis in the synthesis of quinolines. Journal of Organometallic Chemistry, 2014, 768, 75-114.	1.8	59
8	Transition metal complexes in the chemistry of vinylcyclopropanes. Journal of Organometallic Chemistry, 1994, 471, 1-18.	1.8	57
9	Manganese compounds in the catalysis of organic reactions. Russian Journal of Organic Chemistry, 2012, 48, 309-348.	0.8	57
10	The facile synthesis of the 5Z,9Z-dienoic acids and their topoisomerase I inhibitory activity. Chemical Communications, 2013, 49, 8401.	4.1	53
11	Homogeneous zirconium based catalysts in organic synthesis. Journal of Organometallic Chemistry, 1986, 304, 17-39.	1.8	52
12	Synthesis of lupane triterpenoids with triphenylphosphonium substituents and studies of their antitumor activity. Russian Chemical Bulletin, 2013, 62, 188-198.	1.5	52
13	Regio- and stereoselective synthesis for a novel class of organoaluminium compounds – substituted aluminacyclopentanes and aluminacyclopentenenes assis. Journal of Organometallic Chemistry, 1994, 466, 1-4.	1.8	50
14	Novel Mg-organic reagents in organic synthesis. Cp <sub>2</sub> TiCl <sub>2</sub> catalyzed intermolecular cyclomagnesiation of cyclic and acyclic 1,2-dienes using Grignard reagents. Tetrahedron, 2008, 64, 10188-10194.	1.9	49
15	Catalytic cyclometalation reaction of unsaturated compounds in synthesis of magnesa- and aluminacarbo-cycles. Journal of Organometallic Chemistry, 2010, 695, 1085-1110.	1.8	46
16	Synthesis of 1-Ethyl-cis-2,3-dialkyl(aryl)aluminacyclopent-2-enes. A Novel Class of Five-membered Organoaluminium Compounds. Mendeleev Communications, 1992, 2, 135-136.	1.6	42
17	Cyclo- and carbomagnesiation of 1,2-dienes catalyzed by Zr complexes. Tetrahedron, 2004, 60, 1287-1291.	1.9	42
18	Furfuryl alcohol in synthesis of levulinic acid esters and difurylmethane with Fe and Rh complexes. Russian Journal of Applied Chemistry, 2007, 80, 1687-1690.	0.5	42

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19	Superelectrophiles in Aromatic Polymer Chemistry. <i>Macromolecules</i> , 2001, 34, 1122-1124.	4.8	41
20	DFT Study on Mechanism of Olefin Hydroalumination by XAlBu <sub>2</sub> in the Presence of Cp <sub>2</sub> ZrCl <sub>2</sub> Catalyst. I. Simulation of Intermediate Formation in Reaction of HAlBu <sub>2</sub> with Cp <sub>2</sub> ZrCl <sub>2</sub> . <i>Organometallics</i> , 2009, 28, 968-977.	2.3	39
21	Hydroamination of conjugated dienes catalyzed by transition metal complexes. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 957-987.	0.8	37
22	Title is missing!. <i>Chemistry of Natural Compounds</i> , 2003, 39, 285-288.	0.8	36
23	Novel organomagnesium reagents in synthesis. Catalytic cyclomagnesiation of allenes in the synthesis of N-, O-, and Si-substituted 1Z,5Z-dienes. <i>Tetrahedron</i> , 2013, 69, 8516-8526.	1.9	35
24	Stereoselective synthesis of 11-phenylundeca-5Z,9Z-dienoic acid and investigation of its human topoisomerase I and III $\alpha$ inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2405-2408.	2.2	35
25	Norbornadienes in the Synthesis of Polycyclic Strained Hydrocarbons with Participation of Metal Complex Catalysts. <i>Russian Chemical Reviews</i> , 1987, 56, 36-51.	6.5	34
26	Some novelties in the chemistry of organomagnesium compounds with zirconium complexes. <i>Journal of Organometallic Chemistry</i> , 1995, 491, 1-10.	1.8	34
27	Mechanism of Cp <sub>2</sub> ZrCl <sub>2</sub> -catalyzed olefin hydroalumination by alkylalanes. <i>Russian Chemical Bulletin</i> , 2005, 54, 316-327.	1.5	34
28	Diazo compounds in the chemistry of fullerenes. <i>Russian Chemical Reviews</i> , 2010, 79, 585-610.	6.5	34
29	Advances in the Chemistry of Natural and Semisynthetic Topoisomerase I/II Inhibitors. <i>Studies in Natural Products Chemistry</i> , 2017, 54, 21-86.	1.8	34
30	nZ,(n $\hat{A}$ + $\hat{A}$ 4)Z-Dienoic fatty acids: a new method for the synthesis and inhibitory action on topoisomerase I and III $\alpha$ . <i>Medicinal Chemistry Research</i> , 2016, 25, 30-39.	2.4	33
31	Synthesis of cyclobutane and cyclopentane compounds using homogeneous metal complex catalysts. <i>Journal of Organometallic Chemistry</i> , 1991, 409, 15-65.	1.8	30
32	Role of Zr <sub>2</sub> Al Hydride Intermediate Structure and Dynamics in Alkene Hydroalumination with XAlBu <sub>2</sub> <sup>i</sup> <sub>2</sub> (X = H, Cl, Bu <sup>i</sup> ), Catalyzed by Zr <sup>+</sup> <sub>5</sub> Complexes. <i>Organometallics</i> , 2015, 34, 3559-3570.	2.3	29
33	Pentacyclic triterpene acid conjugated with mitochondria-targeting cation F16: Synthesis and evaluation of cytotoxic activities. <i>Medicinal Chemistry Research</i> , 2021, 30, 940-951.	2.4	29
34	Mechanisms of reactions of organoaluminium compounds with alkenes and alkynes catalyzed by Zr complexes. <i>Russian Chemical Reviews</i> , 2012, 81, 524-548.	6.5	28
35	Cobalt-Catalyzed [6 + 2] Cycloaddition of Alkynes with 1,3,5,7-Cyclooctatetraene as a Key Element in the Direct Construction of Substituted Bicyclo[4.3.1]decenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 471-480.	3.2	28
36	Enantioselectivity of chiral zirconocenes as catalysts in alkene hydro-, carbo- and cycloalumination reactions. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 299-310.	1.8	27

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37	DFT and Ab Initio Study on Mechanism of Olefin Hydroalumination by XAlBu <sub>2</sub> i <sub>2</sub> in the Presence of Cp <sub>2</sub> ZrCl <sub>2</sub> Catalyst. II. (1) Olefin Interaction with Catalytically Active Centers. <i>Organometallics</i> , 2011, 30, 6078-6089.	2.3	27
38	The first example of catalytic synthesis of N-aryl-substituted tetraoxazaspiroalkanes. <i>Tetrahedron</i> , 2016, 72, 3277-3281.	1.9	27
39	Metal-catalysed Oxidation of Organic Compounds by Hydroperoxides. <i>Russian Chemical Reviews</i> , 1975, 44, 319-332.	6.5	26
40	Zirconium-catalyzed preparation of aluminacyclopentanes and synthesis of five-membered carbo- and heterocycles. <i>Tetrahedron</i> , 2004, 60, 1281-1286.	1.9	26
41	New effective reagent [Cp <sub>2</sub> ZrH <sub>2</sub> ·ClAlEt <sub>2</sub> ] <sub>2</sub> for alkene hydrometallation. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3424-3429.	1.8	26
42	Catalytic [2+1] cycloaddition of diazo compounds to [60]fullerene. <i>Russian Chemical Bulletin</i> , 2009, 58, 1724-1730.	1.5	25
43	Multicomponent reactions of amino alcohols with CH <sub>2</sub> O and dithiols in the synthesis of 1,3,5-dithiazepanes and macroheterocycles. <i>Tetrahedron</i> , 2014, 70, 3502-3509.	1.9	25
44	Catalysis by metal complexes in organoaluminium synthesis. <i>Russian Chemical Reviews</i> , 1990, 59, 1157-1173.	6.5	24
45	Cyclopropanation of Unsaturated Compounds with Diazomethane Generated in situ: A New Efficient and Practical Route to Cyclopropane Derivatives. <i>Mendeleev Communications</i> , 1992, 2, 13-15.	1.6	24
46	A new approach to the estimation of the fullerene reactivity in 1,3-dipolar addition based on polarizability indices. <i>Doklady Physical Chemistry</i> , 2009, 425, 54-56.	0.9	24
47	Catalytic cyclometallation in steroid chemistry III Steroids 78 (12â€“13) (2013) 1298â€“1303 ( <a href="http://dx.doi.org/10.1016/j.steroids.2013.09.007">http://dx.doi.org/10.1016/j.steroids.2013.09.007</a> ). 1: Synthesis of steroidal derivatives of 5Z,9Z-dienoic acid and investigation of its human topoisomerase I inhibitory activity. <i>Steroids</i> , 2015, 102, 110-117.	1.8	24
48	Synthesis and transformations of â€œnon-grignardâ€•organomagnesium reagents obtained from 1,3-dienes. <i>Journal of Organometallic Chemistry</i> , 1991, 406, 1-47.	1.8	23
49	Oxidation of fullerenes with ozone. <i>Russian Chemical Bulletin</i> , 2013, 62, 304-324.	1.5	23
50	Synthesis and Evaluation of Anticancer Activities of Novel C-28 Guanidine-Functionalized Triterpene Acid Derivatives. <i>Molecules</i> , 2018, 23, 3000.	3.8	23
51	Title is missing!. <i>Chemistry of Natural Compounds</i> , 2001, 37, 339-342.	0.8	22
52	Catalytic cycloaddition of diazoalkanes to fullerene C <sub>60</sub> . <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 41-47.	0.8	22
53	Synthesis, structure and photochromic properties of hybrid molecules based on fullerene C <sub>60</sub> and spiropyrans. <i>RSC Advances</i> , 2016, 6, 71151-71155.	3.6	22
54	Synthesis, molecular structure, conformation and biological activity of Ad-substituted N-aryl-tetraoxaspiroalkanes. <i>Tetrahedron</i> , 2018, 74, 1749-1758.	1.9	22

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55	Synthesis and anticancer activity novel dimeric azatriperoxides. RSC Advances, 2019, 9, 18923-18929.	3.6	22
56	Photocontrolled organic field effect transistors based on the fullerene C60 and spiropyran hybrid molecule. RSC Advances, 2019, 9, 7505-7508.	3.6	22
57	The first example of synthesis of aluminacyclopropanes catalysed by (i-5-C5H5)2TiCl2. Mendeleev Communications, 1997, 7, 198-199.	1.6	21
58	Title is missing!. Russian Chemical Bulletin, 2002, 51, 2074-2079.	1.5	21
59	Metal complex catalysis in the synthesis of organomagnesium compounds. Russian Chemical Reviews, 2005, 74, 807-823.	6.5	21
60	Combined cycloaluminum of cyclic 1,2-dienes and olefins with EtAlCl2 in the presence of Cp2ZrCl2 catalyst. Tetrahedron Letters, 2009, 50, 1270-1272.	1.4	21
61	Catalytic Cycloaluminum for the Synthesis of Norbornane-Annulated Phospholanes. Organometallics, 2015, 34, 221-228.	2.3	21
62	First preparative synthesis of alumocyclopentanes involving zirconium complexes. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 194-195.	0.0	20
63	Ti-catalyzed [6i+2i] cycloadditions of allenes with 1,3,5-cycloheptatriene. Tetrahedron Letters, 2011, 52, 2780-2782.	1.4	20
64	One-Pot Method for the Synthesis of 2,5-Unsubstituted Pyrrolidino[3i,4i]fullerenes. Organic Letters, 2017, 19, 3863-3866.	4.6	20
65	Kinetic model of olefin hydroalumination by HAlBui2 and AlBui3 in the presence of Cp2ZrCl2 catalyst. International Journal of Chemical Kinetics, 2007, 39, 333-339.	1.6	19
66	Cyclothiomethylation of primary amines with formaldehyde and hydrogen sulfide to nitrogen- and sulfur-containing heterocycles (review). Chemistry of Heterocyclic Compounds, 2009, 45, 1155-1176.	1.2	19
67	On study of chemoselectivity of reaction of trialkylalanes with alkenes, catalyzed with Zr i-complexes. Journal of Organometallic Chemistry, 2009, 694, 3725-3731.	1.8	19
68	Hydro-, Carbo-, and Cycloaluminum of Unsaturated Compounds. Topics in Organometallic Chemistry, 2012, , 215-244.	0.7	19
69	Catalytic [6i+2i]-cycloaddition of alkynes, 1,2- and 1,3-dienes to 1,3,5-cycloheptatrienes involving Ti complexes. Tetrahedron, 2013, 69, 4609-4611.	1.9	19
70	The first total synthesis of the marine acetylenic alcohol, lembehyne B – a selective inducer of early apoptosis in leukemia cancer cells. Organic and Biomolecular Chemistry, 2017, 15, 470-476.	2.8	19
71	Light-controlled molecular switches based on carbon clusters. Synthesis, properties and application prospects. Russian Chemical Reviews, 2017, 86, 474-509.	6.5	19
72	Regio- and Stereo-selective Synthesis of trans-3,4-Dialkyl-substituted Aluminacyclopentanes in the Presence of (i-5-C5H5)2ZrCl2. Mendeleev Communications, 1992, 2, 26-28.	1.6	18

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73	Metal complex catalysis in the synthesis of organic sulfur compounds. Journal of Organometallic Chemistry, 1993, 455, 1-27.	1.8	18
74	A novel reaction of cycloaluminum of olefins and acetylenes mediated by metalcomplex catalysts. Russian Chemical Bulletin, 1998, 47, 786-794.	1.5	18
75	Effective synthesis of N-aryl-substituted 1,5,3-dithiazepinanes and 1,5,3-dithiazocinanes. Chemistry of Heterocyclic Compounds, 2012, 48, 1050-1057.	1.2	18
76	Intermolecular dehydration of alcohols by the action of copper compounds activated with carbon tetrabromide. Synthesis of ethers. Russian Journal of Organic Chemistry, 2012, 48, 1191-1196.	0.8	18
77	Two routes of tantalum-catalyzed alkene carbomagnesiation with ethyl Grignard reagents. Journal of Organometallic Chemistry, 2012, 715, 5-8.	1.8	18
78	A new method for the synthesis of 1,5,3-bis-1,5,3-dithiazepinanes using SmCl <sub>3</sub> ·6H <sub>2</sub> O as the catalyst. Tetrahedron Letters, 2012, 53, 4225-4227.	1.4	18
79	Targeted synthesis of 2,3-disubstituted 2-phospholenes using catalytic cycloaluminum of acetylenes. Tetrahedron Letters, 2014, 55, 3913-3915.	1.4	18
80	Cp <sub>2</sub> TiCl <sub>2</sub> -catalyzed cycloboration of 1-olefins with PhBCl <sub>2</sub> in the synthesis of 2-alkyl(aryl,benzyl)-1-phenylboriranes. Journal of Organometallic Chemistry, 2017, 832, 12-17.	1.8	18
81	Synthesis of N-aryl-hexaoxadispiroalkanes using lanthanide catalysts. Tetrahedron Letters, 2018, 59, 3161-3164.	1.4	18
82	Multicomponent condensation of aliphatic amines with formaldehyde and hydrogen sulfide. Russian Chemical Bulletin, 2005, 54, 432-436.	1.5	17
83	Synthesis of thiadiazabicyclane and bis-1,3,5-dithiazinane by cycloethiomethylation of aliphatic diamines with CH <sub>2</sub> O and H <sub>2</sub> S. Tetrahedron, 2007, 63, 11702-11709.	1.9	17
84	Cp <sub>2</sub> ZrCl <sub>2</sub> -Catalyzed cycloaluminum of acetylenic alcohols and propargylamines by Et <sub>3</sub> Al. Russian Chemical Bulletin, 2011, 60, 99-106.	1.5	17
85	Synthesis and transformations of metallacycles 41. Cyclomagnesiation of O-containing 1,2-dienes with Grignard reagents in the presence of Cp <sub>2</sub> TiCl <sub>2</sub> . Russian Chemical Bulletin, 2012, 61, 1943-1949.	1.5	17
86	Cycloaddition of diazothioates to [60]fullerene. Tetrahedron Letters, 2012, 53, 3123-3125.	1.4	17
87	Transition metal complex-mediated chemistry of 1,3,5-cycloheptatrienes. Russian Chemical Reviews, 2018, 87, 797-820.	6.5	17
88	Optically controlled field effect transistors based on photochromic spiropyran and fullerene C <sub>60</sub> films. Mendelev Communications, 2019, 29, 160-162.	1.6	17
89	Zirconium Complexes in Synthesis and Catalysis. Russian Chemical Reviews, 1986, 55, 66-82.	6.5	16
90	Nickel complex-catalyzed codimerization of allyl esters with compounds in the norbornene series. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1987, 36, 122-131.	0.0	16

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91	Title is missing!. Russian Chemical Bulletin, 2000, 49, 2051-2058.	1.5	16
92	Dehydration of $\text{LnCl}_3 \cdot 6\text{H}_2\text{O}$ ( $\text{Ln}=\text{Tb}, \text{Nd}, \text{Dy}$ ) in the reaction with $i\text{-Bu}_3\text{Al}$ , $\text{Et}_3\text{Al}$ , $\text{Et}_2\text{AlCl}$ , $\text{EtAlCl}_2$ and formation of the complexes $\text{LnCl}_3 \cdot 3(\text{BuO})_3\text{PO}$ . Journal of Organometallic Chemistry, 2001, 636, 56-62.	1.8	16
93	Selective addition of $\text{H}_2\text{O}$ to fullerene $\text{C}_{60}$ catalyzed by Ti, Zr, and Hf catalysts. Tetrahedron Letters, 2008, 49, 808-810.	1.4	16
94	The synthesis of 1,1 $\epsilon^2$ -disubstituted bis-cyclopropanes by the reaction of substituted propargylic alcohols with $\text{CH}_2\text{I}_2 \cdot \text{R}_3\text{Al}$ . Tetrahedron Letters, 2009, 50, 4233-4235.	1.4	16
95	An efficient one-pot method for the synthesis of mono- and biscyclopentenones via zirconium-catalyzed cycloalumination of cyclic alkynes and diynes. Tetrahedron Letters, 2010, 51, 5886-5888.	1.4	16
96	One-pot synthesis of borolanes by reaction of aluminacyclopentanes with $\text{BF}_3 \cdot \text{Et}_2\text{O}$ . Russian Journal of Organic Chemistry, 2012, 48, 755-760.	0.8	16
97	Titanium $\epsilon$ -Catalyzed $[6\epsilon+2\epsilon]$ $\epsilon$ -Cycloaddition of Alkynes and Allenes to 7 $\epsilon$ -Substituted 1,3,5 $\epsilon$ -Cycloheptatrienes. European Journal of Organic Chemistry, 2015, 2015, 4464-4470.	2.4	16
98	Synthesis and photochromic properties of fullerene $\text{C}_{60}$ adducts with dithienylethenes. Tetrahedron Letters, 2015, 56, 7154-7157.	1.4	16
99	Short Route to the Total Synthesis of Natural Muricadienin and Investigation of Its Cytotoxic Properties. Journal of Natural Products, 2016, 79, 2039-2044.	3.0	16
100	Synthesis and transformations of metallacycles. Russian Chemical Bulletin, 2009, 58, 948-954.	1.5	15
101	Catalytic $[2+1]$ -cycloaddition of ethyl diazoacetate to fullerene $[\text{C}_{60}]$ . Russian Journal of Organic Chemistry, 2009, 45, 1168-1174.	0.8	15
102	Cyclothiomeylation of Functional Substituted Anilines by $\text{CH}_2\text{O}$ and $\text{H}_2\text{S}$ . Heterocycles, 2009, 78, 45.	0.7	15
103	Synthesis of 2,3-acetylenic amines by aminomethylation of acetylenes with geminal diamines. Russian Journal of Organic Chemistry, 2010, 46, 43-48.	0.8	15
104	Synthesis and transformations of metallacycles 40. Catalytic cycloalumination in the synthesis of 3-substituted phospholanes. Russian Chemical Bulletin, 2012, 61, 1556-1559.	1.5	15
105	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.	1.9	15
106	Total Synthesis of Natural Lembehynes C and Investigation of Its Cytotoxic Properties. Journal of Natural Products, 2020, 83, 2399-2409.	3.0	15
107	First synthesis of magnesacyclopentadienes from acetylenes by treatment with $\text{BuMgHlg}$ in the presence of Zr complexes. Russian Journal of Organic Chemistry, 2007, 43, 176-180.	0.8	14
108	First example of one-pot synthesis of hydrocarbon macrorings. Russian Journal of Organic Chemistry, 2007, 43, 681-684.	0.8	14

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109	N,N,N',N'-tetramethylmethanediamine "A new reagent for aminomethylation of acetylenes. Russian Journal of Organic Chemistry, 2008, 44, 1126-1129.	0.8	14
110	Synthesis of gigantic macrocyclic polyketones through catalytic cyclometalation of cycloalkynes. Tetrahedron, 2010, 66, 6885-6888.	1.9	14
111	A facile synthesis of spiro macrocarbocycles via the cycloaluminum reaction of cyclic alkynes and alkadiynes. Tetrahedron Letters, 2011, 52, 4602-4605.	1.4	14
112	Titanium-catalyzed cyclocodimerization of cyclohepta-1,3,5-triene with spiro[cyclopropane-1,7'-norborna-2,5-diene]. Russian Chemical Bulletin, 2011, 60, 182-184.	1.5	14
113	Catalytic cycloaluminum in steroid chemistry II: Selective functionalization of 2'-methylidene-2,3'-ethano-(5 $\beta$ )-cholestane. Steroids, 2013, 78, 1298-1303.	1.8	14
114	Synthesis of 3-hetaryl-1,5,3-dithiazepanes and 3-hetaryl-1,5,3-dithiazocanes in the presence of catalysts based on transition metals. Russian Journal of Organic Chemistry, 2013, 49, 658-662.	0.8	14
115	Targeted synthesis of macrodiolides containing bis-methylene-separated Z-double bonds and their antitumor activity in vitro. Tetrahedron, 2018, 74, 4606-4612.	1.9	14
116	The Synthesis of Bicyclo[4.2.1]nona-2,4,7-trienes by [6 $\pi$ + 2 $\pi$ ]-Cycloaddition of 1-Substituted 1,3,5-Cycloheptatrienes Catalyzed by Titanium and Cobalt Complexes. Journal of Organic Chemistry, 2019, 84, 9058-9066.	3.2	14
117	New synthesis of tetraoxaspirododecane-diamines and tetraoxazaspirobicycloalkanes. RSC Advances, 2019, 9, 29949-29958.	3.6	14
118	11-Phenylundeca-5Z,9Z-dienoic Acid: Stereoselective Synthesis and Dual Topoisomerase I/III Inhibition. Current Cancer Drug Targets, 2015, 15, 504-510.	1.6	14
119	Boron-containing small rings: synthesis, properties, and application prospects. Russian Chemical Bulletin, 2021, 70, 1851-1892.	1.5	14
120	Water-soluble polyketones and esters as the main stable products of ozonolysis of fullerene C <sub>60</sub> solutions. Russian Chemical Bulletin, 2004, 53, 148-159.	1.5	13
121	Catalytic replacement of transition metal atoms in metallocarbocycles by the atoms of nontransition metals. Mendeleev Communications, 2008, 18, 1-5.	1.6	13
122	New synthesis of pyrrole-2-carboxylic and pyrrole-2,5-dicarboxylic acid esters in the presence of iron-containing catalysts. Russian Journal of Organic Chemistry, 2010, 46, 1053-1059.	0.8	13
123	TiCl <sub>4</sub> -Et <sub>2</sub> AlCl-Catalyzed cycloaddition of 1,2-dienes to 1,3,5-cycloheptatriene. Russian Chemical Bulletin, 2011, 60, 499-502.	1.5	13
124	Synthesis of optically active spiro homo- and methanofullerenes. Tetrahedron Letters, 2011, 52, 834-836.	1.4	13
125	A new method for the synthesis of N-substituted 1,3,5-dithiazinanes via the catalytic recyclization of 1,3,5-trithiane with aryl(benzyl) hydrazines and aryl amines. Tetrahedron Letters, 2011, 52, 4090-4092.	1.4	13
126	Synthesis of N-alkylanilines and substituted quinolines by reaction of aniline with alcohols and CCl <sub>4</sub> effected with Ni-containing catalysts. Russian Journal of Organic Chemistry, 2012, 48, 690-693.	0.8	13



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127	Asymmetric alkene cycloalumination by AlEt <sub>3</sub> , catalyzed with neomenthylindenyl zirconium $\eta^5$ -complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 723, 19-25.	1.8	13
128	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.	1.4	13
129	Catalytic enantioselective ethylalumination of terminal alkenes: substrate effects and absolute configuration assignment. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 124-135.	1.8	13
130	Covalent binding of fullerene C <sub>60</sub> to dithienylethene as a promising approach to the preparation of new photochromic compounds. <i>Mendeleev Communications</i> , 2016, 26, 143-145.	1.6	13
131	The first total synthesis of leimbehyne B. <i>Mendeleev Communications</i> , 2017, 27, 122-124.	1.6	13
132	Catalytic cyclometallation in steroid chemistry V: Synthesis of hybrid molecules based on steroid oximes and (5Z,9Z)-tetradeca-5,9-dienedioic acid as potential anticancer agents. <i>Steroids</i> , 2018, 138, 14-20.	1.8	13
133	Sm-Catalyzed Synthesis and Biological Activity of Acyclic and Cyclic Azadiperoxides. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 620-632.	0.8	13
134	Synthesis of New Dihydroquinopimaric Acid Analogs with Nitrile Groups as Apoptosis-Inducing Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1172-1183.	1.7	13
135	Electrochemical studies of nickel complexes containing phosphorus(III) ligands and their related Ziegler catalysts. <i>Journal of Organometallic Chemistry</i> , 1989, 367, 205-232.	1.8	12
136	Title is missing!. <i>Russian Chemical Bulletin</i> , 2001, 50, 484-487.	1.5	12
137	Title is missing!. <i>Doklady Physical Chemistry</i> , 2001, 381, 279-282.	0.9	12
138	Cyclomagnesation of Olefins with Ethylmagnesium Bromide in the Presence of Titanium Complexes. <i>Russian Journal of Organic Chemistry</i> , 2005, 41, 352-357.	0.8	12
139	Doublet-quartet intersystem crossing in negative molecular ions with an abnormally long lifetime. <i>Doklady Physical Chemistry</i> , 2007, 414, 162-165.	0.9	12
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