

Lilya Dzhemileva

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487 papers	3,299 citations	20 h-index	33 g-index
543 ext. papers	4,084 ext. citations	2.1 avg, IF	5.5 L-index

#	Paper	IF	Citations
487	Metal complex catalysis in the synthesis of spirocarbocycles. <i>Chemical Reviews</i> , 2014 , 114, 5775-814	68.1	152
486	Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018 , 87, 393-507	6.8	111
485	Metal complex catalysis in the synthesis of quinolines. <i>Journal of Organometallic Chemistry</i> , 2014 , 768, 75-114	2.3	49
484	Manganese compounds in the catalysis of organic reactions. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 309-348	0.7	49
483	Synthesis of lupane triterpenoids with triphenylphosphonium substituents and studies of their antitumor activity. <i>Russian Chemical Bulletin</i> , 2013 , 62, 188-198	1.7	44
482	Furfuryl alcohol in synthesis of levulinic acid esters and difurylmethane with Fe and Rh complexes. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 1687-1690	0.8	40
481	Novel Mg-organic reagents in organic synthesis. Cp ₂ TiCl ₂ catalyzed intermolecular cyclomagnesiation of cyclic and acyclic 1,2-dienes using Grignard reagents. <i>Tetrahedron</i> , 2008 , 64, 10188-10194	2.4	39
480	Cyclo- and carbomagnesiation of 1,2-dienes catalyzed by Zr complexes. <i>Tetrahedron</i> , 2004 , 60, 1287-1291	1.4	39
479	The facile synthesis of the 5Z,9Z-dienoic acids and their topoisomerase I inhibitory activity. <i>Chemical Communications</i> , 2013 , 49, 8401-3	5.8	34
478	Hydroamination of conjugated dienes catalyzed by transition metal complexes. <i>Russian Journal of Organic Chemistry</i> , 2009 , 45, 957-987	0.7	34
477	Diazo compounds in the chemistry of fullerenes. <i>Russian Chemical Reviews</i> , 2010 , 79, 585-610	6.8	30
476	Autosomal recessive deafness 1A (DFNB1A) in Yakut population isolate in Eastern Siberia: extensive accumulation of the splice site mutation IVS1+1G>A in GJB2 gene as a result of founder effect. <i>Journal of Human Genetics</i> , 2011 , 56, 631-9	4.3	29
475	Dzhe-milev reaction for the synthesis of spiro[3.3]heptane and spiro[3.4]octanes. <i>Tetrahedron Letters</i> , 2007 , 48, 8583-8586	2	28
474	Stereoselective synthesis of 11-phenylundeca-5Z,9Z-dienoic acid and investigation of its human topoisomerase I and II inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2405-8	2.9	26
473	Carrier frequency of GJB2 gene mutations c.35delG, c.235delC and c.167delT among the populations of Eurasia. <i>Journal of Human Genetics</i> , 2010 , 55, 749-54	4.3	26
472	PMR and ¹³ C NMR Spectra of Biologically Active Compounds. XII. Taraxasterol and Its Acetate from the Aerial Part of Onopordum acanthium. <i>Chemistry of Natural Compounds</i> , 2003 , 39, 285-288	0.7	26
471	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	2.4	24

470	DFT and Ab Initio Study on Mechanism of Olefin Hydroalumination by XAlBui ₂ in the Presence of Cp ₂ ZrCl ₂ Catalyst. II.(1) Olefin Interaction with Catalytically Active Centers. <i>Organometallics</i> , 2011 , 30, 6078-6089	3.8	23
469	Multicomponent reactions of amino alcohols with CH ₂ O and dithiols in the synthesis of 1,3,5-dithiazepanes and macroheterocycles. <i>Tetrahedron</i> , 2014 , 70, 3502-3509	2.4	22
468	Dzhemilev reaction in the synthesis of five-membered sulfur and selenium heterocycles*. <i>Chemistry of Heterocyclic Compounds</i> , 2009 , 45, 317-326	1.4	21
467	nZ,(n + 4)Z-Dienoic fatty acids: a new method for the synthesis and inhibitory action on topoisomerase I and II. <i>Medicinal Chemistry Research</i> , 2016 , 25, 30-39	2.2	20
466	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]decanes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 471-480	4.2	20
465	Oxidation of fullerenes with ozone. <i>Russian Chemical Bulletin</i> , 2013 , 62, 304-324	1.7	20
464	The first example of catalytic synthesis of N-aryl-substituted tetraoxazaspiroalkanes. <i>Tetrahedron</i> , 2016 , 72, 3277-3281	2.4	20
463	Natural and synthetic drugs used for the treatment of the dementia. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 524, 772-783	3.4	19
462	Light-controlled molecular switches based on carbon clusters. Synthesis, properties and application prospects. <i>Russian Chemical Reviews</i> , 2017 , 86, 474-509	6.8	19
461	Catalytic cycloaddition of diazoalkanes to fullerene C ₆₀ . <i>Russian Journal of Organic Chemistry</i> , 2011 , 47, 41-47	0.7	19
460	Role of Zr,Al Hydride Intermediate Structure and Dynamics in Alkene Hydroalumination with XAlBui ₂ (X = H, Cl, Bui), Catalyzed by Zr η^5 Complexes. <i>Organometallics</i> , 2015 , 34, 3559-3570	3.8	18
459	Synthesis, molecular structure, conformation and biological activity of Ad-substituted N-aryl-tetraoxaspiroalkanes. <i>Tetrahedron</i> , 2018 , 74, 1749-1758	2.4	18
458	One-Pot Method for the Synthesis of 2,5-Unsubstituted Pyrrolidino[3',4':1,9]fullerenes. <i>Organic Letters</i> , 2017 , 19, 3863-3866	6.2	18
457	Ti-catalyzed [6+2] cycloadditions of allenes with 1,3,5-cycloheptatriene. <i>Tetrahedron Letters</i> , 2011 , 52, 2780-2782	2	18
456	First preparative synthesis of alumocyclopentanes involving zirconium complexes. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1989 , 38, 194-195		18
455	Spectrum and Frequency of the GJB2 Gene Pathogenic Variants in a Large Cohort of Patients with Hearing Impairment Living in a Subarctic Region of Russia (the Sakha Republic). <i>PLoS ONE</i> , 2016 , 11, e0156300	3.7	18
454	Synthesis, structure and photochromic properties of hybrid molecules based on fullerene C ₆₀ and spiropyranes. <i>RSC Advances</i> , 2016 , 6, 71151-71155	3.7	18
453	A new method for the synthesis of μ -bis-1,5,3-dithiazepinanes using SmCl ₃ ·6H ₂ O as the catalyst. <i>Tetrahedron Letters</i> , 2012 , 53, 4225-4227	2	17

452	Mechanisms of reactions of organoaluminium compounds with alkenes and alkynes catalyzed by Zr complexes. <i>Russian Chemical Reviews</i> , 2012 , 81, 524-548	6.8	17
451	Catalytic [6+2]-cycloaddition of alkynes, 1,2- and 1,3-dienes to 1,3,5-cycloheptatrienes involving Ti complexes. <i>Tetrahedron</i> , 2013 , 69, 4609-4611	2.4	17
450	Cyclothiomethylation of primary amines with formaldehyde and hydrogen sulfide to nitrogen- and sulfur-containing heterocycles (review). <i>Chemistry of Heterocyclic Compounds</i> , 2009 , 45, 1155-1176	1.4	17
449	Combined cycloalumination of cyclic 1,2-dienes and olefins with EtAlCl ₂ in the presence of Cp ₂ ZrCl ₂ catalyst. <i>Tetrahedron Letters</i> , 2009 , 50, 1270-1272	2	17
448	Advances in the Chemistry of Natural and Semisynthetic Topoisomerase I/II Inhibitors. <i>Studies in Natural Products Chemistry</i> , 2017 , 54, 21-86	1.5	16
447	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	1.4	16
446	Intermolecular dehydration of alcohols by the action of copper compounds activated with carbon tetrabromide. Synthesis of ethers. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 1191-1196	0.7	16
445	Identification and Biological Activity of Volatile Organic Compounds Emitted by Plants and Insects. IV. Composition of Vapor Isolated from Certain Species of Artemisia Plants. <i>Chemistry of Natural Compounds</i> , 2001 , 37, 339-342	0.7	16
444	Catalytic cyclometallation in steroid chemistry III: Synthesis of steroidal derivatives of 5Z,9Z-dienoic acid and investigation of its human topoisomerase I inhibitory activity. <i>Steroids</i> , 2015 , 102, 110-7	2.8	15
443	Catalytic Cycloalumination for the Synthesis of Norbornane-Annulated Phospholanes. <i>Organometallics</i> , 2015 , 34, 221-228	3.8	15
442	Cycloaddition of diazothioates to [60]fullerene. <i>Tetrahedron Letters</i> , 2012 , 53, 3123-3125	2	15
441	Synthesis and photochromic properties of fullerene C ₆₀ adducts with dithienylethenes. <i>Tetrahedron Letters</i> , 2015 , 56, 7154-7157	2	14
440	An efficient one-pot method for the synthesis of mono- and biscyclopentenones via zirconium-catalyzed cycloalumination of cyclic alkynes and diynes. <i>Tetrahedron Letters</i> , 2010 , 51, 5886-5888	2.88	14
439	Optically controlled field effect transistors based on photochromic spiropyran and fullerene C ₆₀ films. <i>Mendeleev Communications</i> , 2019 , 29, 160-162	1.9	13
438	Two routes of tantalum-catalyzed alkene carbomagnesiation with ethyl Grignard reagents. <i>Journal of Organometallic Chemistry</i> , 2012 , 715, 5-8	2.3	13
437	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	1.7	13
436	Titanium-catalyzed cyclocodimerization of cyclohepta-1,3,5-triene with spiro[cyclopropane-1,7'-norborna-2,5-diene]. <i>Russian Chemical Bulletin</i> , 2011 , 60, 182-184	1.7	13
435	Synthesis of optically active spiro homo- and methanofullerenes. <i>Tetrahedron Letters</i> , 2011 , 52, 834-836	2	13

- 434 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 ² 13
- 433 Synthesis of 2,3-acetylenic amines by aminomethylation of acetylenes with geminal diamines. *Russian Journal of Organic Chemistry*, **2010**, 46, 43-48 0.7 13
- 432 Synthesis of gigantic macrocyclic polyketones through catalytic cyclometalation of cycloalkynes. *Tetrahedron*, **2010**, 66, 6885-6888 2.4 13
- 431 First example of one-pot synthesis of hydrocarbon macrorings. *Russian Journal of Organic Chemistry*, **2007**, 43, 681-684 0.7 13
- 430 Water-soluble polyketones and esters as the main stable products of ozonolysis of fullerene C60 solutions. *Russian Chemical Bulletin*, **2004**, 53, 148-159 1.7 13
- 429 Cp2TiCl2-catalyzed cycloboration of Olefins with PhBCl2 in the synthesis of 2-alkyl(aryl,benzyl)-1-phenylboriranes. *Journal of Organometallic Chemistry*, **2017**, 832, 12-17 2.3 12
- 428 Synthesis and anticancer activity novel dimeric azatriperoxides.. *RSC Advances*, **2019**, 9, 18923-18929 3.7 12
- 427 Short Route to the Total Synthesis of Natural Muricadienin and Investigation of Its Cytotoxic Properties. *Journal of Natural Products*, **2016**, 79, 2039-44 4.9 12
- 426 Targeted synthesis of 2,3-disubstituted 2-phospholenes using catalytic cycloalumination of acetylenes. *Tetrahedron Letters*, **2014**, 55, 3913-3915 2 12
- 425 Catalytic cycloalumination in steroid chemistry II: selective functionalization of 2'-methylidene-2',3'-ethano-(5 α)cholestane. *Steroids*, **2013**, 78, 1298-303 2.8 12
- 424 Synthesis and transformations of metallacycles 40. Catalytic cycloalumination in the synthesis of 3-substituted phospholanes. *Russian Chemical Bulletin*, **2012**, 61, 1556-1559 1.7 12
- 423 TiCl4-Et2AlCl-Catalyzed cycloaddition of 1,2-dienes to 1,3,5-cycloheptatriene. *Russian Chemical Bulletin*, **2011**, 60, 499-502 1.7 12
- 422 Catalytic [2+1]-cycloaddition of ethyl diazoacetate to fullerene [60]. *Russian Journal of Organic Chemistry*, **2009**, 45, 1168-1174 0.7 12
- 421 N,N,N',N'-tetramethylmethanediamine: A new reagent for aminomethylation of acetylenes. *Russian Journal of Organic Chemistry*, **2008**, 44, 1126-1129 0.7 12
- 420 Cyclomagnesation of Olefins with Ethylmagnesium Bromide in the Presence of Titanium Complexes. *Russian Journal of Organic Chemistry*, **2005**, 41, 352-357 0.7 12
- 419 Synthesis and Evaluation of Anticancer Activities of Novel C-28 Guanidine-Functionalized Triterpene Acid Derivatives. *Molecules*, **2018**, 23, 4.8 12
- 418 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 3.9 11
- 417 Photocontrolled organic field effect transistors based on the fullerene C and spiropyran hybrid molecule.. *RSC Advances*, **2019**, 9, 7505-7508 3.7 11

416	Efficient catalytic method for the synthesis of N-aryl-substituted 1,5,3-dithiazamacroheterocycles. <i>Tetrahedron</i> , 2015 , 71, 259-265	2.4	11
415	Transition metal complex-mediated chemistry of 1,3,5-cycloheptatrienes. <i>Russian Chemical Reviews</i> , 2018 , 87, 797-820	6.8	11
414	Synthesis of N-alkylanilines and substituted quinolines by reaction of aniline with alcohols and CCl ₄ effected with Ni-containing catalysts. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 690-693	0.7	11
413	Titanium-Catalyzed [6+2]-Cycloaddition of Alkynes and Allenes to 7-Substituted 1,3,5-Cycloheptatrienes. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4464-4470	3.2	11
412	Efficient catalytic synthesis of (1,5,3-dithiazepan-3-yl)quinolines. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 1613-1616	0.7	11
411	One-pot synthesis of borolanes by reaction of aluminacyclopentanes with BF ₃ ·Et ₂ O. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 755-760	0.7	11
410	Synthesis of 3-hetaryl-1,5,3-dithiazepanes and 3-hetaryl-1,5,3-dithiazocanes in the presence of catalysts based on transition metals. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 658-662	0.7	11
409	Synthesis and transformations of metallacycles. <i>Russian Chemical Bulletin</i> , 2009 , 58, 948-954	1.7	11
408	Doublet-quartet intersystem crossing in negative molecular ions with an abnormally long lifetime. <i>Doklady Physical Chemistry</i> , 2007 , 414, 162-165	0.8	11
407	First synthesis of magnesacyclopentadienes from acetylenes by treatment with BuMgHlg in the presence of Zr complexes. <i>Russian Journal of Organic Chemistry</i> , 2007 , 43, 176-180	0.7	11
406	Thiomethylation of amino alcohols using formaldehyde and hydrogen sulfide. <i>Russian Journal of Organic Chemistry</i> , 2007 , 43, 918-925	0.7	11
405	Covalent binding of fullerene C ₆₀ to dithienylethene as a promising approach to the preparation of new photochromic compounds. <i>Mendeleev Communications</i> , 2016 , 26, 143-145	1.9	11
404	Synthesis of N-aryl-hexaoxazadispiroalkanes using lanthanide catalysts. <i>Tetrahedron Letters</i> , 2018 , 59, 3161-3164	2	11
403	Synthesis of 5-alkyl-1,3,5-triazinan-2-ones and 5-alkyl-1,3,5-triazinane-2-thiones using Cu- and Sm-containing catalysts. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 904-908	0.7	10
402	Efficient synthesis of 3-aryl(hetaryl)-1,5,3-dioxazepanes involving catalysts containing Sm and Co. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 750-753	0.7	10
401	[6+2]-Cycloaddition of Π -Diallenes and Π -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	0.7	10
400	Synthesis of cyclopropane compounds: bicyclo[1.1.0]butanes, spiropentanes and bicyclopropanes. <i>Russian Chemical Reviews</i> , 2012 , 81, 700-728	6.8	10
399	Asymmetric alkene cycloalumination by AlEt ₃ , catalyzed with neomenthylindenyl zirconium π -complexes. <i>Journal of Organometallic Chemistry</i> , 2013 , 723, 19-25	2.3	10

398	A facile synthesis of spiro macrocarbocycles via the cycloaluminum reaction of cyclic alkynes and alkadiynes. <i>Tetrahedron Letters</i> , 2011 , 52, 4602-4605	2	10
397	Cycloaddition of diazoketones to [60]fullerene in the presence of the catalytic system Pd(acac) ₂ /Ph ₃ Pt ₃ Al. <i>Russian Chemical Bulletin</i> , 2010 , 59, 611-614	1.7	10
396	Aluminum carbenoids in allene cyclopropanation. <i>Tetrahedron Letters</i> , 2010 , 51, 6268-6269	2	10
395	Catalytic hydroamination of fullerene C ₆₀ with primary and secondary amines. <i>Russian Journal of Organic Chemistry</i> , 2007 , 43, 375-379	0.7	10
394	11-Phenylundeca-5Z,9Z-dienoic Acid: Stereoselective Synthesis and Dual Topoisomerase I/II Inhibition. <i>Current Cancer Drug Targets</i> , 2015 , 15, 504-10	2.8	10
393	Haplotype Diversity and Reconstruction of Ancestral Haplotype Associated with the c.35delG Mutation in the GJB2 (Cx26) Gene among the Volgo-Ural Populations of Russia. <i>Acta Naturae</i> , 2011 , 3, 52-63	2.1	10
392	The synthesis of N-substituted N,S-macroheterocycles derived from aromatic carboxylic acid hydrazides. <i>Macrocycles</i> , 2015 , 8, 89-93	2.2	10
391	Molybdenum compounds in organic synthesis. <i>Russian Chemical Reviews</i> , 2017 , 86, 128-163	6.8	9
390	Cobalt(I)-catalyzed [4+2]cycloaddition reactions of 1,3-diynes with 1,3,5-cyclooctatriene. <i>Tetrahedron Letters</i> , 2017 , 58, 1839-1841	2	9
389	One-pot catalytic synthesis of 2,7- bis -substituted 4,9(10)-dimethyl-2,3a,5a,7,8a,10a-hexaazaperhydropyrenes. <i>Tetrahedron</i> , 2017 , 73, 6880-6886	2.4	9
388	Comparison of Predictive Tools on Missense Variants in , , and Genes Associated with Autosomal Recessive Deafness 1A (DFNB1A). <i>Scientific World Journal, The</i> , 2019 , 2019, 5198931	2.2	9
387	First Synthesis of 2,9-Disubstituted cis-2,3a,7b,9,10a,14b- Hexaazaperhydropyridotetracenes. <i>Synlett</i> , 2018 , 29, 1861-1866	2.2	9
386	Sm-Catalyzed Synthesis and Biological Activity of Acyclic and Cyclic Azadiperoxides. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 620-632	0.7	9
385	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	2	9
384	A new reaction of [60]fullerene with nitriles and EtMgBr in the presence of Ti(Oi-Pr) ₄ . <i>Tetrahedron Letters</i> , 2014 , 55, 5003-5006	2	9
383	Catalytic thiomethylation of carboxylic acid hydrazides. <i>Russian Chemical Bulletin</i> , 2013 , 62, 98-103	1.7	9
382	Catalytic cycloaluminum in steroid chemistry: the introduction of a spiro-tetrahydrofuran or spiro-tetrahydro-selenophene moiety into a 3'-methylene-(5 β)-spirocholestane-3,1'-cyclobutane molecule. <i>Steroids</i> , 2013 , 78, 241-6	2.8	9
381	Ti-catalyzed reactions of unsymmetrical alkynes with esters of monocarboxylic acids and EtAlCl ₂ : An efficient catalytic method for the synthesis of tetrasubstituted furans. <i>Tetrahedron</i> , 2017 , 73, 5639-5645	2.4	9

- 380 Catalytic activity of iron(III), aluminum(III), cobalt(II), and magnesium(II) chloride crystal hydrates in the condensation of aniline with butyraldehyde. *Russian Journal of Organic Chemistry*, **2009**, 45, 944-945 0.7 9
- 379 Catalytic cycloaddition of diazoalkanes generated in situ to fullerene C60. *Russian Journal of Organic Chemistry*, **2010**, 46, 588-589 0.7 9
- 378 A novel reaction of cycloalumination of olefins and acetylenes mediated by metallocycle catalysts. *Russian Chemical Bulletin*, **1998**, 47, 786-794 1.7 9
- 377 Stereoselective synthesis of trisubstituted olefins through 2,5-dialkylidenemagnesiacyclopentanes. *Russian Journal of Organic Chemistry*, **2007**, 43, 956-960 0.7 9
- 376 Cyclocondensation of hydrazine, formaldehyde, and hydrogen sulfide in the presence of acids and bases. *Russian Journal of Organic Chemistry*, **2006**, 42, 145-147 0.7 9
- 375 New approach to the synthesis of alkylthioamides using catalysts containing cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 1202-1206 9
- 374 New synthesis of tetraoxaspirododecane-diamines and tetraoxazaspirobicycloalkanes.. *RSC Advances*, **2019**, 9, 29949-29958 3.7 9
- 373 First Example of Catalytic Synthesis of Difurazano-hexahydrohexaazapyrenes and Study of Their Antitumor Activity. *ACS Medicinal Chemistry Letters*, **2019**, 10, 378-382 4.3 8
- 372 An efficient synthesis of 7-membered dithiazepane alkanoates and 13- or 20-membered thiazamacrocycles catalyzed by SmCl₃·6H₂O. *Tetrahedron*, **2016**, 72, 8223-8229 2.4 8
- 371 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. *Steroids*, **2018**, 138, 14-20 2.8 8
- 370 Synthesis of N-Hydroxyalkyl-1,5,3-Dithiazepanes Based on Amino Alcohols. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 720-725 1.4 8
- 369 Catalytic cycloaddition of diazoalkanes with heterocyclic substituents to fullerene C60. *Russian Journal of Organic Chemistry*, **2012**, 48, 99-103 0.7 8
- 368 Cyclomagnesiation of nitrogen-containing 1,2-dienes with grignard compounds catalyzed by Cp₂TiCl₂. *Russian Journal of Organic Chemistry*, **2012**, 48, 349-353 0.7 8
- 367 New methods for the synthesis of 1,5,3-dithiazepanes on the basis of aliphatic diamines. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 1237-1242 1.4 8
- 366 The reaction of fullerene C60 with halogen azides. *Mendeleev Communications*, **2013**, 23, 326-328 1.9 8
- 365 Synthesis of [60]fulleropyrrolidine-thienylene conjugates and DFT calculations of their photochromic properties. *Mendeleev Communications*, **2015**, 25, 470-472 1.9 8
- 364 New Reaction of Fullerene C60 with Cyanoacrylates and Ethylmagnesium Bromide in the Presence of Titanium(IV) Isopropoxide. *Synthesis*, **2015**, 48, 136-140 2.9 8
- 363 A new synthesis of fulleranyl ketones catalyzed by Ti(Oi-Pr)₄. *Tetrahedron Letters*, **2013**, 54, 3260-3262 2 8

362	Synthesis and transformations of metallacycles 38. The Cp ₂ ZrCl ₂ -catalyzed cyclometallation of alkynes upon the action of RMgR or R ₂ AlCl ₃ . <i>Russian Chemical Bulletin</i> , 2011 , 60, 1633-1639	1.7	8
361	First example of the interaction of fullerene C ₆₀ with hydrazoic acid. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1885-1887	1.7	8
360	Amidation of adamantane and diamantane with acetonitrile and bromotrichloromethane in the presence of Mo(CO) ₆ in aqueous medium. <i>Russian Journal of Organic Chemistry</i> , 2011 , 47, 1898-1900	0.7	8
359	Covalent binding of fullerene C ₆₀ to pharmacologically important compounds. <i>Russian Chemical Bulletin</i> , 2011 , 60, 662-666	1.7	8
358	Cyclomagnesation of cycloalkynes with the use of RMgR catalyzed by zirconium complexes. <i>Russian Journal of Organic Chemistry</i> , 2009 , 45, 1598-1604	0.7	8
357	Cyclothiomethylation of aryl hydrazines with formaldehyde and hydrogen sulfide. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1824-1834	1.7	8
356	Synthesis and transformations of metallacycles. <i>Russian Chemical Bulletin</i> , 1999 , 48, 1574-1580	1.7	8
355	Catalytic synthesis and reactions of magnesiocycloalkanes. 2. Synthesis of substituted magnesiocyclopentanes in the presence of zirconium complexes. <i>Bulletin of the Russian Academy of Sciences Division of Chemical Science</i> , 1992 , 41, 770-788		8
354	Structure and conformations of 2-substituted and 3-substituted alumolanes in polar solvents: a direct NMR observation. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 62-74	2.1	8
353	Pentacyclic triterpene acid conjugated with mitochondria-targeting cation F16: Synthesis and evaluation of cytotoxic activities. <i>Medicinal Chemistry Research</i> , 2021 , 30, 940-951	2.2	8
352	Synthesis of a new class of heterocycles 1,7-dithia-3,5-diazacycloalkan(e)-4-(thi)ones using Cs- and Rb-containing catalysts. <i>Tetrahedron</i> , 2017 , 73, 7079-7084	2.4	7
351	Catalytic [6+2]-cycloaddition of Si-containing alkynes to 7-substituted 1,3,5-cycloheptatrienes under the action of Ti(acac) ₃ Cl ₂ Et ₂ AlCl. <i>Journal of Organometallic Chemistry</i> , 2015 , 794, 23-26	2.3	7
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86	Novel R252P Mutation of the RHO gene in patients with retinitis pigmentosa from Bashkortostan. <i>Molecular Biology</i> , 2007 , 41, 677-679	1.2	1
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83	Catalytic [3+2]-cycloaddition of dialkyl, diallyl, and dibenzyl sulfides to fullerene C ₆₀ . <i>Russian Journal of Organic Chemistry</i> , 2007 , 43, 1878-1879	0.7	1
82	Addition of water and carbon tetrachloride to cyclododecene in the presence of chromium catalysts. <i>Russian Journal of Organic Chemistry</i> , 2008 , 44, 1240-1242	0.7	1
81	Regio- and stereoselective method for the synthesis of 6 β -methylene-6,7-dihydrothebaine. <i>Russian Chemical Bulletin</i> , 1994 , 43, 509-510	1.7	1
80	Hydrochlorination of unsaturated compounds by the action of CH ₂ Cl ₂ or CHCl ₃ and rhodium complexes. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1991 , 40, 1213-1217		1
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76	Gan original method for the preparation of sulfides and disulfides involving cobalt complexes. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1987 , 36, 1782-1782		1
75	Effective reduction of halogen-containing hydrocarbons by diisobutyl aluminum hydride in the presence of transition metal hydrides. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1988 , 37, 2099-2102		1

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73	Direct metallation of cyclic conjugated hydrocarbons by highly reactive magnesium. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1988 , 37, 347-349		1
72	New method for the synthesis of 1,4-enynes by the cross-coupling of magnesium acetylides with allyl compounds. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1984 , 33, 835-836		1
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