

Usein M Dzhemilev

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.

757
papers

4,732
citations

26
h-index

40
g-index

815
ext. papers

5,674
ext. citations

2
avg, IF

5.68
L-index

#	Paper	IF	Citations
757	Synthesis of 1,4,2,6-dithiadiazinane 1,1-dioxide and study of its cytotoxic activity. <i>Mendeleev Communications</i> , 2022 , 32, 178-179	1.9	0
756	Zirconocene dichlorides as catalysts in alkene carbo- and cyclometalation by AlEt: intermediate structures and dynamics. <i>Dalton Transactions</i> , 2021 , 50, 15802-15820	4.3	0
755	New n-type semiconductor material based on styryl fullerene for organic field-effect transistors. <i>Mendeleev Communications</i> , 2021 , 31, 641-643	1.9	0
754	CpZrCl - EtAl reagent system in the homo-coupling of trimethylsilyl-substituted alkynes.. <i>RSC Advances</i> , 2021 , 11, 39518-39522	3.7	0
753	Synthesis of fullereryl-1,2,3-triazoles by reaction of fullereryl azide with terminal acetylenes. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 9299-9305	3.9	1
752	Boron-containing small rings: synthesis, properties, and application prospects. <i>Russian Chemical Bulletin</i> , 2021 , 70, 1851-1892	1.7	0
751	Synthesis and cytotoxic activity of new annulated furazan derivatives. <i>Mendeleev Communications</i> , 2021 , 31, 362-364	1.9	1
750	Synthesis and cytotoxic activity of new annulated furazan derivatives. <i>Mendeleev Communications</i> , 2021 , 31, 362-364	1.9	0
749	Synthesis of New Functionally Substituted 9-Azabicyclo[4.2.1]nona-2,4,7-trienes by Cobalt(I)-Catalyzed [6 π +2 π]Cycloaddition of -Carbocholesteroxyazepine to Alkynes. <i>Molecules</i> , 2021 , 26,	4.8	1
748	Natural compounds with bis-methylene-interrupted Z-double bonds: plant sources, strategies of total synthesis, biological activity, and perspectives. <i>Phytochemistry Reviews</i> , 2021 , 20, 325-342	7.7	2
747	Transition metal halide promoted hydride transfer in N,N-diisoalkyl-N-propargylamines. <i>Mendeleev Communications</i> , 2021 , 31, 46-47	1.9	0
746	A novel approach for the synthesis of C60 fullerenes containing strained 2,3-dimethylenebicyclo[2,2,0]hexane fragments. <i>New Journal of Chemistry</i> , 2021 , 45, 2939-2942	3.6	0
745	Catalytic synthesis of benzannelated macrocyclic di- and triperoxides based on phenols. <i>New Journal of Chemistry</i> , 2021 , 45, 2069-2077	3.6	2
744	Niobium- and zirconium-catalyzed reactions of substituted 2 alkynylamines with EtZn.. <i>RSC Advances</i> , 2021 , 11, 4631-4638	3.7	0
743	Synthesis and cytotoxic activity of unsaturated macrolides and their hybrid molecules with a C fullerene. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1847-1853	3.9	0
742	Cobalt(I)-Catalyzed [6 π +2 π]Cycloaddition of 1,2-Dienes and 1,3-Diynes to -Carbocholesteroxyazepine in the Synthesis of Previously Undescribed Heterofunctional 9-Azabicyclo[4.2.1]nonadi(tri)enes. <i>ACS Omega</i> , 2021 , 6, 21755-21763	3.9	0
741	The cyclopropanation of non-activated 1-bromoalkenes by Me3Al [CH2]2 reagent. <i>Inorganica Chimica Acta</i> , 2021 , 526, 120539	2.7	0

740	Diene in Cp ₂ TiCl ₂ -catalyzed synthesis of boriranes. <i>Journal of Organometallic Chemistry</i> , 2021 , 950, 121981	2.3	0
739	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
738	Catalyzed ring transformation of cyclic -aryl-azadiperoxides with participation of Diethiols.. <i>RSC Advances</i> , 2021 , 11, 4235-4236	3.7	1
737	Synthesis of heteroatom-containing pyrrolidine derivatives based on Ti(O-Pr) and EtMgBr-catalyzed carbocyclization of allylpropargyl amines with EtZn.. <i>RSC Advances</i> , 2020 , 10, 17881-17891	3.7	1
736	Hybrid molecules based on fullerene C60 and 5Z,9Z-dienoic acids: Synthesis and cytotoxic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127289	2.9	2
735	Stereochemical outcome of perhydro hexaazadibenzotetracene formation from trans-1,2-diaminocyclohexane. <i>Mendeleev Communications</i> , 2020 , 30, 308-310	1.9	5
734	New norbornadiene-tethered fulleropyrrolidines. <i>Mendeleev Communications</i> , 2020 , 30, 352-354	1.9	1
733	Synthesis, structure, and antitumor activity of 2,9-disubstituted perhydro 2,3a,7b,9,10a,14b-hexaazadibenzotetracenes.. <i>RSC Advances</i> , 2020 , 10, 21039-21048	3.7	5
732	Comparative in vitro Studies of the Topoisomerase I Inhibition and Anticancer Activities of Metallated N-Confused Porphyrins and Metallated Porphyrins. <i>ChemMedChem</i> , 2020 , 15, 632-642	3.7	3
731	Hydrazines in the Synthesis of Cytotoxic N-Aryl(alkyl)-N-(hexaoxadispiroalkyl)amines. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 797-801	0.7	2
730	Synthesis of new alkynyl containing 9-azabicyclo[4.2.1]nonatrienes from diynes and azepines. <i>Mendeleev Communications</i> , 2020 , 30, 318-319	1.9	4
729	Fullerene-Containing Lubricants: Achievements and Prospects. <i>Petroleum Chemistry</i> , 2020 , 60, 113-133	1.1	4
728	New 1,3-Diynoic Derivatives of Natural Lembehynes B: Stereoselective Synthesis, Anticancer, and Neurotogenic Activity. <i>ACS Omega</i> , 2020 , 5, 1974-1981	3.9	2
727	Targeted Synthesis of 9-Azabicyclo[4.2.1]nona-2,4,7-trienes by Cobalt(I)-Catalyzed [6+2]-Cycloaddition of Alkynes to N-Substituted Azepines and Their Antitumor Activity. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 623-626	3.2	4
726	Pathways of the reaction between N,N-disubstituted propargylic amines and cationic zirconium complexes. <i>Russian Chemical Bulletin</i> , 2020 , 69, 61-67	1.7	1
725	Catalytic cycloaluminum of 1,2-dienes in the total synthesis of natural grenadamide and lynchbyoic acid. <i>Russian Chemical Bulletin</i> , 2020 , 69, 386-389	1.7	2
724	New 1Z,5Z-diene macrodiolides: Catalytic synthesis, anticancer activity, induction of mitochondrial apoptosis, and effect on the cell cycle. <i>Bioorganic Chemistry</i> , 2020 , 99, 103832	5.1	2
723	Synthesis of 2,3,5-Substituted 1H-Pyrroles by a Cp ₂ TiCl ₂ -catalyzed Multicomponent Reaction of Terminal Alkynes with Nitriles and EtAlCl ₂ . <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 218-224	0.7	3

722	First Example of Catalytic Synthesis of Cyclic S-Containing Di- and Triperoxides. <i>Molecules</i> , 2020 , 25,	4.8	3
721	Synthesis and antitumor activity of methanofullerenes equipped with norbornadiene and quadricyclane moieties. <i>Mendeleev Communications</i> , 2020 , 30, 150-152	1.9	1
720	A New Method for the Synthesis of Diphosphine Dioxides with a 1,3-Butadiene Spacer from 1-Phosphinyl-2-arylacetylenes Using the Cp ₂ ZrCl ₂ /EtAlCl ₂ /Mg System. <i>Doklady Chemistry</i> , 2020 , 494, 155-158	0.8	
719	Chemiluminescence of Lanthanide Ions Ln(n ⁺) during Reduction of Ln ⁿ⁺ with a Solvated Electron. <i>Doklady Physical Chemistry</i> , 2020 , 494, 147-150	0.8	1
718	New synthetic analogues of natural 5Z,9Z-dienoic acids: Stereoselective synthesis and study of the anticancer activity. <i>Bioorganic Chemistry</i> , 2020 , 104, 104303	5.1	1
717	Total Synthesis of Natural Lembehynes C and Investigation of Its Cytotoxic Properties. <i>Journal of Natural Products</i> , 2020 , 83, 2399-2409	4.9	5
716	Cobalt(I)-catalyzed [6+2]-cycloaddition of allenes to N-carbethoxy(phenoxy)azepines for the synthesis of 9-azabicyclo[4.2.1]nona-2,4-dienes. <i>Tetrahedron</i> , 2020 , 76, 130996	2.4	3
715	Synthesis of Functionally Substituted Bicyclo[4.2.1]nona-2,4-dienes and Bicyclo[4.2.1]nona-2,4,7-trienes by Cobalt(I)-catalyzed [6+2] Cycloaddition of 2-Tropylcyclohexanone. <i>ACS Omega</i> , 2020 , 5, 31440-31449	3.9	2
714	Synthesis, photo and acidochromic properties of spiropyran-containing methanofullerenes.. <i>RSC Advances</i> , 2020 , 10, 15888-15892	3.7	4
713	Acid-base isomerization of hybrid molecules based on fullerene C ₆₀ and spiropyrans. <i>Mendeleev Communications</i> , 2019 , 29, 229-231	1.9	3
712	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
711	Hexahydrohexaazaheptalenobis[1,10-ab]phenalenes – A New Type of Azapolycycles. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 1099-1102	0.7	1
710	Synthesis of C Fullerene-Quadricyclane Hybrid Compound and Its Preliminary In Vitro Antitumor Activity in Combination with Cisplatin. <i>ACS Omega</i> , 2019 , 4, 15929-15934	3.9	2
709	2-Zincoethylzincation of 2-Alkynylamines and 1-Alkynylphosphines Catalyzed by Titanium(IV) Isopropoxide and Ethylmagnesium Bromide. <i>Synlett</i> , 2019 , 30, 311-314	2.2	4
708	Synthesis and anticancer activity novel dimeric azatriperoxides.. <i>RSC Advances</i> , 2019 , 9, 18923-18929	3.7	12
707	The Synthesis of Bicyclo[4.2.1]nona-2,4,7-trienes by [6+2]-Cycloaddition of 1-Substituted 1,3,5-Cycloheptatrienes Catalyzed by Titanium and Cobalt Complexes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 9058-9066	4.2	6
706	A new original approach to the design of anticancer drugs based on energy-rich quadricyclanes. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1036-1040	1.7	3
705	On the Two-Route Mechanism of the Reaction of 1-Alkenes with EtMgX Catalyzed by TaCl ₅ . <i>Russian Journal of General Chemistry</i> , 2019 , 89, 647-652	0.7	

704	The ferric chloride-catalyzed Ritter amidation of norbornane-type dienes. <i>Mendeleev Communications</i> , 2019 , 29, 143-144	1.9	6
703	First Example of Catalytic Synthesis of Difurazanohexahydrohexaazapyrenes and Study of Their Antitumor Activity. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 378-382	4.3	8
702	Photocontrolled organic field effect transistors based on the fullerene C and spiropyran hybrid molecule.. <i>RSC Advances</i> , 2019 , 9, 7505-7508	3.7	11
701	Ti-Catalyzed Cross-Cyclomagnesiation of 1,2-Dienes in the Total „-Stereoselective Synthesis of Natural Acetogenin-Chatenayatrienin-1. <i>ACS Omega</i> , 2019 , 4, 14085-14091	3.9	1
700	Cp ₂ TiCl ₂ -catalyzed borylation and hydroboration of β -olefins with dichloro(diisopropylamino)borane. <i>Journal of Organometallic Chemistry</i> , 2019 , 898, 120858	2.3	2
699	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
698	The reagent Et ₂ AlX/CH ₂ N ₂ in cyclopropanation of sterically hindered olefins, as well as oxygen- and nitrogen-containing unsaturated compounds. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1869-1873	1.7	6
697	Synthesis of New Cu Complex Based on Natural 5,9-Eicosadienoic Acid: Effective Topoisomerase I Inhibitor and Cytotoxin against the Cisplatin-Resistant Cell Line. <i>ACS Omega</i> , 2019 , 4, 17581-17587	3.9	3
696	Reactions of functionally substituted bicyclo[4.2.2]deca-2,4,7,9-tetraenes with m-chloroperbenzoic acid and in vitro evaluation Of Product Cytotoxicity against tumor cells. <i>Mendeleev Communications</i> , 2019 , 29, 517-519	1.9	1
695	Cobalt-Catalyzed Reactions of Propargylamines with Elemental Sulfur. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 1890-1895	0.7	1
694	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	2.2	7
693	Synthesis and Antitumor Activity Assay of Epoxy Bicyclo[4.2.2]deca-2,4,7,(9)- tri(tetra)enes and Tricyclo[9.4.2.0 _{2,10}]heptadeca-2,12,14,16-tetraene. <i>Current Organic Chemistry</i> , 2019 , 23, 1158-1165	1.7	0
692	Reversible luminescence switching of a photochromic fullerene[60]-containing spiropyran. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 375, 64-70	4.7	7
691	Diversity-oriented synthesis of spirothiazolidinediones and their biological evaluation. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 2774-2781	2.5	2
690	Stereoselective synthesis and antitumor activity of macrodiolides containing 1Z,5Z-diene and 1,3-diyne moieties. <i>Mendeleev Communications</i> , 2019 , 29, 613-615	1.9	3
689	Synthesis and Electrochemical Properties of Fullerenylstyrenes. <i>Journal of Organic Chemistry</i> , 2019 , 84, 16333-16337	4.2	5
688	Hybrid Molecules Based on C ₆₀ Fullerene and 5Z,9Z-Dienoic Acids: Synthesis and Cytotoxic Activity. <i>ChemistrySelect</i> , 2019 , 4, 12897-12901	1.8	4
687	A new synthesis method of N-substituted spiro terpene aza-diperoxides. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 1111-1119	1.4	3

- 686 Carbozincation of Substituted 2-Alkynylamines, 1-Alkynylphosphines, 1-Alkynylphosphine Sulfides with Et₂Zn in the Presence of Catalytic System of Ti(O-*i*Pr)₄ and EtMgBr. *Catalysts*, **2019**, 9, 1022 4 2
- 685 New synthesis of tetraoxaspirododecane-diamines and tetraoxazaspirobicycloalkanes.. *RSC Advances*, **2019**, 9, 29949-29958 3-7 9
- 684 One-pot synthesis of 2,3,5-substituted 1H-pyrroles via the reaction of terminal acetylenes with nitriles and EtAlCl₂ catalyzed by Cp₂TiCl₂. *Tetrahedron*, **2019**, 75, 906-911 2.4 4
- 683 One-pot synthesis of azacyclodienes by reaction of β,δ -diacetylenes with 1,5,3-dioxazepanes using copper-containing catalysts. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 86-88 1.4 2
- 682 Zirconocene-Initiated Intramolecular Hydride Transfer in N-Isoalkyl-Substituted Propargylamines. *Synlett*, **2018**, 29, 1191-1194 2.2
- 681 Cp₂TiCl₂-catalyzed reaction of symmetrical alkynes with β,δ -dicarboxylic acid esters and EtAlCl₂: An original pathway to β,δ -cyclic ketones and tetrasubstituted furans. *Tetrahedron*, **2018**, 74, 2482-2487 2.4 3
- 680 Synthesis, molecular structure, conformation and biological activity of Ad-substituted N-aryl-tetraoxaspiroalkanes. *Tetrahedron*, **2018**, 74, 1749-1758 2.4 18
- 679 Self-association processes of substituted alumolanes in non-polar solvents. *Journal of Organometallic Chemistry*, **2018**, 867, 170-182 2.3 2
- 678 Direct and Stereoselective Iron-Catalyzed Amidation of Binor-S with Alkyl and Aryl Cyanides in Water. *Synthesis*, **2018**, 50, 1555-1559 2.9 5
- 677 Synthesis and Properties of Energy-Rich Methanofullerenes Containing Norbornadiene and Quadricyclane Moieties. *Journal of Organic Chemistry*, **2018**, 83, 4160-4166 4.2 6
- 676 Transition metal complex-mediated chemistry of 1,3,5-cycloheptatrienes. *Russian Chemical Reviews*, **2018**, 87, 797-820 6.8 11
- 675 An original one-pot approach to boronic esters using the titanium-catalyzed reaction of cyclic olefins with alkylchloroboranes. *Journal of Organometallic Chemistry*, **2018**, 872, 8-11 2.3 1
- 674 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)₂Cl₂,Et₂AlCl. *Russian Journal of Organic Chemistry*, **2018**, 54, 832-839 0.7 2
- 673 First Synthesis of 2,9-Disubstituted cis-2,3a,7b,9,10a,14b- Hexaazaperhydrodibenzotetracenes. *Synlett*, **2018**, 29, 1861-1866 2.2 9
- 672 Mechanism of Cp₂ZrCl₂-Catalyzed Olefin Cycloalumination with AlEt₃: Quantum Chemical Approach. *Organometallics*, **2018**, 37, 2406-2418 3.8 6
- 671 Aluminum carbenoids in the cyclopropanation of fulvenes. *Russian Chemical Bulletin*, **2018**, 67, 479-484 1.7 3
- 670 Targeted synthesis of macrodiolides containing bis-methylene-separated Z-double bonds and their antitumor activity in vitro. *Tetrahedron*, **2018**, 74, 4606-4612 2.4 6
- 669 Epoxidation of 4,5-dialkyl-2,3-dihydro-1 β -phosphole 1-oxides. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 205-208 1.4 1

668	New boron reagents for cycloboration of β -olefins into boriranes under Cp ₂ TiCl ₂ catalysis. <i>Journal of Organometallic Chemistry</i> , 2018 , 873, 73-77	2.3	5
667	Oxidative skeletal rearrangement of bicyclo[4.2.2]deca-2,4,7,9-tetraenes to bicyclo[4.3.1]deca-2,4,8-triene-7,10-diols and study of the antitumor activity of the products in vitro. <i>Tetrahedron</i> , 2018 , 74, 4071-4077	2.4	4
666	Catalytic cyclometallation in steroid chemistry VI: Targeted synthesis of hybrid molecules based on steroids and tetradeca-5Z,9Z-diene-1,14-dicarboxylic acid and study of their antitumor activity. <i>Steroids</i> , 2018 , 138, 6-13	2.8	7
665	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	2.8	8
664	Cobalt(I)-Catalyzed Cycloaddition of Functionally Substituted Alkynes and 1,3-Diynes to 1,3,5,7-Cyclooctatetraene in the Synthesis of Bicyclo[4.2.2]deca-2,4,7,9-tetraenes. <i>ChemistrySelect</i> , 2018 , 3, 6221-6223	1.8	5
663	Aminomethylation of Fullerene C with N,N',N"-Triaryl- or N,N',N"-Trihetaryl-1,3,5-perhydrotriazines in the Presence of EtMgBr and Ti(Oi-Pr). <i>Journal of Organic Chemistry</i> , 2018 , 83, 459-462	4.2	3
662	Synthesis and biological activities of organoaluminum steroids. <i>Vietnam Journal of Chemistry</i> , 2018 , 56, 661-666	0.8	1
661	Ligand exchange processes in zirconocene dichloride-trimethylaluminum bimetallic systems and their catalytic properties in reaction with alkenes. <i>Dalton Transactions</i> , 2018 , 47, 16918-16937	4.3	5
660	Synthesis and Evaluation of Anticancer Activities of Novel C-28 Guanidine-Functionalized Triterpene Acid Derivatives. <i>Molecules</i> , 2018 , 23,	4.8	12
659	Allyl and 2-Cyclopropylethyl Rearrangements in the Reaction of 1-Alkenylaluminums with Diiodomethane/Triethylaluminum Reagent. <i>Synlett</i> , 2018 , 29, 627-629	2.2	5
658	An original catalytic synthesis of boriran-1-ols. <i>Mendeleev Communications</i> , 2018 , 28, 577-578	1.9	3
657	Pentafluoroperbenzoic acid as the efficient reagent for Baeyer-Villiger oxidation of cyclic ketones. <i>Mendeleev Communications</i> , 2018 , 28, 644-645	1.9	3
656	Original catalytic synthesis of macrodiolides containing a 1Z,5Z-diene moiety. <i>Mendeleev Communications</i> , 2018 , 28, 503-504	1.9	5
655	A New One-Pot Synthesis of Tetrasubstituted Pyrazines by the Ti-Catalyzed Reaction of Aromatic and Benzyl-Substituted Nitriles with EtAlCl ₂ . <i>ChemistrySelect</i> , 2018 , 3, 11451-11453	1.8	3
654	Unusual rearrangement in the reaction of cyclopropanated cyclopentadienes with Et ₃ Al/CH ₂ I ₂ in CH ₂ Cl ₂ . <i>Synthetic Communications</i> , 2018 , 48, 2539-2544	1.7	4
653	Efficient Catalytic Synthesis of 2,7-Diaryl(hetaryl)-4,9-dimethylperhydro-2,3a,5a,7,8a,10a-hexaazapyrenes. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1085-1089	0.7	6
652	Alkylation of Benzene with Cyclopropane-Containing Polycyclic Hydrocarbons under the Action of the [Et ₃ NH] ⁺ [Al ₂ Cl ₇] ⁻ Ionic Liquid. <i>ChemistrySelect</i> , 2018 , 3, 9600-9602	1.8	2
651	Cyclothiomethylation of primary amines with formaldehyde and aromatic dithiols – an effective method for the synthesis of cyclophanes. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 744-750	1.4	3

- 650 Organoelement chemistry: promising growth areas and challenges. *Russian Chemical Reviews*, **2018**, 87, 393-507 6.8 111
- 649 Zirconium-Catalyzed Reaction of 1-Alkynyl Sulfides with Et₃Al: A Novel Route to Trisubstituted 1-Alkenyl Sulfides. *Synlett*, **2018**, 29, 1773-1775 2.2 1
- 648 Synthesis of N-aryl-hexaoxazadispiroalkanes using lanthanide catalysts. *Tetrahedron Letters*, **2018**, 59, 3161-3164 2 11
- 647 Cp₂TiCl₂-catalyzed cycloboration of β -olefins with PhBCl₂ in the synthesis of 2-alkyl(aryl,benzyl)-1-phenylboriranes. *Journal of Organometallic Chemistry*, **2017**, 832, 12-17 2.3 12
- 646 Molybdenum compounds in organic synthesis. *Russian Chemical Reviews*, **2017**, 86, 128-163 6.8 9
- 645 Zirconium-catalyzed cycloalumination of alkenes in the one-pot synthesis of 3-substituted 1H-phospholane oxides. *Mendeleev Communications*, **2017**, 27, 23-25 1.9 4
- 644 Total Synthesis of Neuritogenic Alkynes: Lembehyne B and Key Intermediate of Lembehyne A. *ChemistrySelect*, **2017**, 2, 1211-1213 1.8 3
- 643 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 0.7 1
- 642 Cycloaminomethylation of dihydric phenols catalyzed by d- and f-metal compounds. *Russian Journal of Organic Chemistry*, **2017**, 53, 604-609 0.7
- 641 Electrochemical and electrophysical properties of aminomethano- and tetrahydropyridino-C 60 -fullerenes. *Mendeleev Communications*, **2017**, 27, 201-203 1.9 1
- 640 The first total synthesis of lembehyne B. *Mendeleev Communications*, **2017**, 27, 122-124 1.9 6
- 639 Cobalt(I)-catalyzed [4+2]cycloaddition reactions of 1,3-diyne with 1,3,5-cyclooctatriene. *Tetrahedron Letters*, **2017**, 58, 1839-1841 2 9
- 638 Ti-catalyzed cross-cyclomagnesiation of 1,2-dienes in the stereoselective synthesis of insect pheromones. *Tetrahedron Letters*, **2017**, 58, 1755-1757 2 4
- 637 Efficient one-pot method for the synthesis of bis-propargylamines by the reaction of terminal acetylenes with 1,5,3-dioxazepanes catalyzed by copper chloride. *Tetrahedron*, **2017**, 73, 2367-2373 2.4 6
- 636 Titanium-catalyzed [6+2]cycloaddition of Si-containing alkynes to bis(1,3,5-cycloheptatriene-7-yl)alkanes. *Tetrahedron Letters*, **2017**, 58, 1714-1716 2 4
- 635 Zirconocene Catalysis in Organoaluminum Synthesis of 1-Alkenyl Sulfones and Sulfides. *Synthesis*, **2017**, 49, 1889-1897 2.9 3
- 634 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
- 633 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. *Journal of Organic Chemistry*, **2017**, 82, 471-480 4.2 20

632	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
631	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
630	Mechanism of catalytic cycloboration of π -olefins with boron trichloride: the synthesis of hardly obtainable boriranes and the mechanistic DFT study of transmetalation of titanacyclopropane intermediates. <i>Kinetics and Catalysis</i> , 2017 , 58, 549-555	1.5	6
629	Synthesis of Spiro[2.2]pentanes and Spiro[2.3]hexanes Employing the Me ₃ Al/CH ₂ I ₂ Reagent. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 7060-7067	3.2	5
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1 Hydrometallation of Unsaturated Compounds 447-489

9