Usein M Dzhemilev

List of Publications by Citations

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	Metal complex catalysis in the synthesis of spirocarbocycles. *Chemical Reviews*, **2014**, 114, 5775-814	68.1	152
756	Organoelement chemistry: promising growth areas and challenges. *Russian Chemical Reviews*, **2018**, 87, 393-507	6.8	111
755	Metal complex catalysis in the synthesis of organoaluminium compounds. *Russian Chemical Reviews* , **2000**, 69, 121-135	6.8	75
754	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	2.3	72
753	Catalytic decomposition of diazomethane as a general method for the methylenation of chemical compounds. *Russian Chemical Reviews*, **1993**, 62, 799-838	6.8	54
752	New achievements in the use of zirconium complexes in the chemistry of organo-aluminium and magnesium compounds. *Tetrahedron*, **1995**, 51, 4333-4346	2.4	51
751	Metal complex catalysis in the synthesis of quinolines. *Journal of Organometallic Chemistry*, **2014**, 768, 75-114	2.3	49
750	Manganese compounds in the catalysis of organic reactions. *Russian Journal of Organic Chemistry*, **2012**, 48, 309-348	0.7	49
749	Transition metal complexes in the chemistry of vinylcyclopropanes. *Journal of Organometallic Chemistry*, **1994**, 471, 1-18	2.3	49
748	Synthesis of lupane triterpenoids with triphenylphosphonium substituents and studies of their antitumor activity. *Russian Chemical Bulletin*, **2013**, 62, 188-198	1.7	44
747	Regio- and stereoselective synthesis for a novel class of organoaluminium compounds substituted aluminacyclopentanes and aluminacyclopentenes assis. *Journal of Organometallic Chemistry*, **1994**, 466, 1-4	2.3	43
746	Homogeneous zirconium based catalysts in organic synthesis. *Journal of Organometallic Chemistry*, **1986**, 304, 17-39	2.3	42
745	Furfuryl alcohol in synthesis of levulinic acid esters and difurylmethane with Fe and Rh complexes. *Russian Journal of Applied Chemistry*, **2007**, 80, 1687-1690	0.8	40
744	Catalytic cyclometalation reaction of unsaturated compounds in synthesis of magnesa- and aluminacarbocycles. *Journal of Organometallic Chemistry*, **2010**, 695, 1085-1110	2.3	39
743	Novel Mg-organic reagents in organic synthesis. Cp2TiCl2 catalyzed intermolecular cyclomagnesiation of cyclic and acyclic 1,2-dienes using Grignard reagents. *Tetrahedron*, **2008**, 64, 10188-10194	2.4	39
742	Cyclo- and carbomagnesiation of 1,2-dienes catalyzed by Zr complexes. *Tetrahedron*, **2004**, 60, 1287-1291	2.4	39
741	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	1.9	38

740	Superelectrophiles in Aromatic Polymer Chemistry. *Macromolecules*, **2001**, 34, 1122-1124	5.5	36
739	The facile synthesis of the 5Z,9Z-dienoic acids and their topoisomerase I inhibitory activity. *Chemical Communications*, **2013**, 49, 8401-3	5.8	34
738	Hydroamination of conjugated dienes catalyzed by transition metal complexes. *Russian Journal of Organic Chemistry*, **2009**, 45, 957-987	0.7	34
737	DFT Study on Mechanism of Olefin Hydroalumination by XAlBui2 in the Presence of Cp2ZrCl2 Catalyst. I. Simulation of Intermediate Formation in Reaction of HAlBui2 with Cp2ZrCl2. *Organometallics*, **2009**, 28, 968-977	3.8	34
736	Diazo compounds in the chemistry of fullerenes. *Russian Chemical Reviews*, **2010**, 79, 585-610	6.8	30
735	Some novelties in the chemistry of organomagnesium compounds with zirconium complexes. *Journal of Organometallic Chemistry*, **1995**, 491, 1-10	2.3	29
734	Norbornadienes in the Synthesis of Polycyclic Strained Hydrocarbons with Participation of Metal Complex Catalysts. *Russian Chemical Reviews*, **1987**, 56, 36-51	6.8	29
733	Mechanism of Cp2ZrCl2-catalyzed olefin hydroalumination by alkylalanes. *Russian Chemical Bulletin*, **2005**, 54, 316-327	1.7	27
732	Stereoselective synthesis of 11-phenylundeca-5Z,9Z-dienoic acid and investigation of its human topoisomerase I and II□ inhibitory activity. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 2405-8	2.9	26
731	PMR and 13C NMR Spectra of Biologically Active Compounds. XII. Taraxasterol and Its Acetate from the Aerial Part of Onopordum acanthium. *Chemistry of Natural Compounds*, **2003**, 39, 285-288	0.7	26
730	Novel organomagnesium reagents in synthesis. Catalytic cyclomagnesiation of allenes in the synthesis of N-, O-, and Si-substituted 1Z,5Z-dienes. *Tetrahedron*, **2013**, 69, 8516-8526	2.4	24
729	DFT and Ab Initio Study on Mechanism of Olefin Hydroalumination by XAlBui2in the Presence of Cp2ZrCl2Catalyst. II.(1) Olefin Interaction with Catalytically Active Centers. *Organometallics*, **2011**, 30, 6078-6089	3.8	23
728	Zirconium-catalyzed preparation of aluminacyclopentanes and synthesis of five-membered carbo- and heterocycles. *Tetrahedron*, **2004**, 60, 1281-1286	2.4	23
727	Synthesis of cyclobutane and cyclopentane compounds using homogeneous metal complex catalysts. *Journal of Organometallic Chemistry*, **1991**, 409, 15-65	2.3	23
726	Multicomponent reactions of amino alcohols with CH2O and dithiols in the synthesis of 1,3,5-dithiazepanes and macroheterocycles. *Tetrahedron*, **2014**, 70, 3502-3509	2.4	22
725	A new approach to the estimation of the fullerene reactivity in 1,3-dipolar addition based on polarizability indices. *Doklady Physical Chemistry*, **2009**, 425, 54-56	0.8	22
724	Enantioselectivity of chiral zirconocenes as catalysts in alkene hydro-, carbo- and cycloalumination reactions. *Tetrahedron: Asymmetry*, **2010**, 21, 299-310		22
723	Catalysis by metal complexes in organoaluminium synthesis. *Russian Chemical Reviews*, **1990**, 59, 1157-1173	6.8	21

722	nZ,(n + 4)Z-Dienoic fatty acids: a new method for the synthesis and inhibitory action on topoisomerase I and II. *Medicinal Chemistry Research*, **2016**, 25, 30-39	2.2	20
721	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
720	Oxidation of fullerenes with ozone. *Russian Chemical Bulletin*, **2013**, 62, 304-324	1.7	20
719	Catalytic [2+1] cycloaddition of diazo compounds to [60]fullerene. *Russian Chemical Bulletin*, **2009**, 58, 1724-1730	1.7	20
718	New effective reagent [Cp2ZrH2ClAlEt2]2 for alkene hydrometallation. *Journal of Organometallic Chemistry*, **2007**, 692, 3424-3429	2.3	20
717	Cyclopropanation of Unsaturated Compounds with Diazomethane Generated in situ: A New Efficient and Practical Route to Cyclopropane Derivatives. *Mendeleev Communications*, **1992**, 2, 13-15	1.9	20
716	The first example of catalytic synthesis of N-aryl-substituted tetraoxazaspiroalkanes. *Tetrahedron*, **2016**, 72, 3277-3281	2.4	20
715	Light-controlled molecular switches based on carbon clusters. Synthesis, properties and application prospects. *Russian Chemical Reviews*, **2017**, 86, 474-509	6.8	19
714	Catalytic cycloaddition of diazoalkanes to fullerene C60. *Russian Journal of Organic Chemistry*, **2011**, 47, 41-47	0.7	19
713	Role of Zr,Al Hydride Intermediate Structure and Dynamics in Alkene Hydroalumination with XAlBui2 (X = H, Cl, Bui), Catalyzed by Zr Cp Complexes. *Organometallics*, **2015**, 34, 3559-3570	3.8	18
712	Synthesis, molecular structure, conformation and biological activity of Ad-substituted N-aryl-tetraoxaspiroalkanes. *Tetrahedron*, **2018**, 74, 1749-1758	2.4	18
711	One-Pot Method for the Synthesis of 2,5-Unsubstituted Pyrrolidino[3',4':1,9]fullerenes. *Organic Letters*, **2017**, 19, 3863-3866	6.2	18
710	Ti-catalyzed [6+2]cycloadditions of allenes with 1,3,5-cycloheptatriene. *Tetrahedron Letters*, **2011**, 52, 2780-2782	2	18
709	Generation of alkyl hypochlorites in oxidation of alcohols with carbon tetrachloride catalyzed by vanadium and manganese compounds. *Russian Chemical Bulletin*, **2002**, 51, 2074-2079	1.7	18
708	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		18
707	Synthesis, structure and photochromic properties of hybrid molecules based on fullerene C60 and spiropyrans. *RSC Advances*, **2016**, 6, 71151-71155	3.7	18
706	A new method for the synthesis of ,bis-1,5,3-dithiazepinanes using SmCl3·6H2O as the catalyst. *Tetrahedron Letters*, **2012**, 53, 4225-4227	2	17
705	Mechanisms of reactions of organoaluminium compounds with alkenes and alkynes catalyzed by Zr complexes. *Russian Chemical Reviews*, **2012**, 81, 524-548	6.8	17

704	Catalytic [6+2]-cycloaddition of alkynes, 1,2- and 1,3-dienes to 1,3,5-cycloheptatrienes involving Ti complexes. *Tetrahedron*, **2013**, 69, 4609-4611	2.4	17
703	Cyclothiomethylation of primary amines with formaldehyde and hydrogen sulfide to nitrogen- and sulfur-containing heterocycles (review). *Chemistry of Heterocyclic Compounds*, **2009**, 45, 1155-1176	1.4	17
702	Combined cycloalumination of cyclic 1,2-dienes and olefins with EtAlCl2 in the presence of Cp2ZrCl2 catalyst. *Tetrahedron Letters*, **2009**, 50, 1270-1272	2	17
701	Synthesis and transformations of ω-ion-grignard-ω-organomagnesium reagents obtained from 1,3-dienes. *Journal of Organometallic Chemistry*, **1991**, 406, 1-47	2.3	17
700	Advances in the Chemistry of Natural and Semisynthetic Topoisomerase I/II Inhibitors. *Studies in Natural Products Chemistry*, **2017**, 54, 21-86	1.5	16
699	Effective synthesis of N-aryl-substituted 1,5,3-dithiazepinanes and 1,5,3-dithiazocinanes. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 1050-1057	1.4	16
698	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	0.7	16
697	On study of chemoselectivity of reaction of trialkylalanes with alkenes, catalyzed with Zr-complexes. *Journal of Organometallic Chemistry*, **2009**, 694, 3725-3731	2.3	16
696	The first example of synthesis of aluminacyclopropanes catalysed by (η5-C5H5)2TiCl2. *Mendeleev Communications*, **1997**, 7, 198-199	1.9	16
695	Synthesis of thiadiazabicyclane and bis-1,3,5-dithiazinane by cyclothiomethylation of aliphatic diamines with CH2O and H2S. *Tetrahedron*, **2007**, 63, 11702-11709	2.4	16
694	Metal complex catalysis in the synthesis of organomagnesium compounds. *Russian Chemical Reviews*, **2005**, 74, 807-823	6.8	16
693	Multicomponent condensation of aliphatic amines with formaldehyde and hydrogen sulfide. *Russian Chemical Bulletin*, **2005**, 54, 432-436	1.7	16
692	Identification and Biological Activity of Volatile Organic Compounds Emitted by Plants and Insects. IV. Composition of Vapor Isolated from Certain Species of Artemisia Plants. *Chemistry of Natural Compounds*, **2001**, 37, 339-342	0.7	16
691	Metal complex catalysis in the synthesis of organic sulfur compounds. *Journal of Organometallic Chemistry*, **1993**, 455, 1-27	2.3	16
690	Metal-catalysed Oxidation of Organic Compounds by Hydroperoxides. *Russian Chemical Reviews*, **1975**, 44, 319-332	6.8	16
689	Catalytic cyclometallation in steroid chemistry III: Synthesis of steroidal derivatives of 5Z,9Z-dienoic acid and investigation of its human topoisomerase I inhibitory activity. *Steroids*, **2015**, 102, 110-7	2.8	15
688	Catalytic Cycloalumination for the Synthesis of Norbornane-Annulated Phospholanes. *Organometallics*, **2015**, 34, 221-228	3.8	15
687	Cycloaddition of diazothioates to [60]fullerene. *Tetrahedron Letters*, **2012**, 53, 3123-3125	2	15

686	Regio- and Stereo-selective Synthesis of trans-3,4-Dialkyl-substituted Aluminacyclopentanes in the Presence of (η5-C5H5)2ZrCl2. *Mendeleev Communications*, **1992**, 2, 26-28	1.9	15
685	Synthesis and photochromic properties of fullerene C 60 adducts with dithienylethenes. *Tetrahedron Letters*, **2015**, 56, 7154-7157	2	14
684	Hydro-, Carbo-, and Cycloalumination of Unsaturated Compounds. *Topics in Organometallic Chemistry*, **2012**, 215-244	0.6	14
683	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	2	14
682	Dehydration of LnCl3·6H2O (Ln=Tb, Nd, Dy) in the reaction with i-Bu3Al, Et3Al, Et2AlCl, EtAlCl2 and formation of the complexes LnCl3·3(BuO)3PO. *Journal of Organometallic Chemistry*, **2001**, 636, 56-62	2.3	14
681	Zirconium Complexes in Synthesis and Catalysis. *Russian Chemical Reviews*, **1986**, 55, 66-82	6.8	14
680	Optically controlled field effect transistors based on photochromic spiropyran and fullerene C60 films. *Mendeleev Communications*, **2019**, 29, 160-162	1.9	13
679	Two routes of tantalum-catalyzed alkene carbomagnesiation with ethyl Grignard reagents. *Journal of Organometallic Chemistry*, **2012**, 715, 5-8	2.3	13
678	Synthesis and transformations of metallacycles 41. Cyclomagnesiation of O-containing 1,2-dienes with Grignard reagents in the presence of Cp2TiCl2. *Russian Chemical Bulletin*, **2012**, 61, 1943-1949	1.7	13
677	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	1.7	13
676	The synthesis of 1,1?-disubstituted bis-cyclopropanes by the reaction of substituted propargylic alcohols with CH2I2·R3Al. *Tetrahedron Letters*, **2009**, 50, 4233-4235	2	13
675	Synthesis of optically active spiro homo- and methanofullerenes. *Tetrahedron Letters*, **2011**, 52, 834-836	2	13
674	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
673	Cyclothiomethylation of Functional Substituted Anilines by CH2O and H2S. *Heterocycles*, **2009**, 78, 45	0.8	13
672	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
671	Synthesis of gigantic macrocyclic polyketones through catalytic cyclometalation of cycloalkynes. *Tetrahedron*, **2010**, 66, 6885-6888	2.4	13
670	Kinetic model of olefin hydroalumination by HAlBui2 and AlBui3 in the presence of Cp2ZrCl2 catalyst. *International Journal of Chemical Kinetics*, **2007**, 39, 333-339	1.4	13
669	First example of one-pot synthesis of hydrocarbon macrorings. *Russian Journal of Organic Chemistry* , **2007**, 43, 681-684	0.7	13

668	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
667	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
666	Synthesis and anticancer activity novel dimeric azatriperoxides.. *RSC Advances*, **2019**, 9, 18923-18929	3.7	12
665	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
664	Targeted synthesis of 2,3-disubstituted 2-phospholenes using catalytic cycloalumination of acetylenes. *Tetrahedron Letters*, **2014**, 55, 3913-3915	2	12
663	Catalytic cycloalumination in steroid chemistry II: selective functionalization of 2'-methylidene-2',3'-ethano-(5)-cholestane. *Steroids*, **2013**, 78, 1298-303	2.8	12
662	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
661	TiCl4-Et2AlCl-Catalyzed cycloaddition of 1,2-dienes to 1,3,5-cycloheptatriene. *Russian Chemical Bulletin*, **2011**, 60, 499-502	1.7	12
660	Catalytic [2+1]-cycloaddition of ethyl diazoacetate to fullerene [60]. *Russian Journal of Organic Chemistry*, **2009**, 45, 1168-1174	0.7	12
659	Selective addition of H2O to fullerene C60 catalyzed by Ti, Zr, and Hf catalysts. *Tetrahedron Letters*, **2008**, 49, 808-810	2	12
658	N,N,N?,N?-tetramethylmethanediamine—A new reagent for aminomethylation of acetylenes. *Russian Journal of Organic Chemistry*, **2008**, 44, 1126-1129	0.7	12
657	Cyclomagnesation of Olefins with Ethylmagnesium Bromide in the Presence of Titanium Complexes. *Russian Journal of Organic Chemistry*, **2005**, 41, 352-357	0.7	12
656	Synthesis and conversions of metallocycles. 22. NMR studies of the mechanism of Cp2ZrCl2-catalyzed cycloalumination of olefins with triethylaluminum to form aluminacyclopentanes. *Russian Chemical Bulletin*, **2000**, 49, 2051-2058	1.7	12
655	Electrochemical studies of nickel complexes containing phoshprus(III) ligands and their related Ziegler catalysts. *Journal of Organometallic Chemistry*, **1989**, 367, 205-232	2.3	12
654	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		12
653	Synthesis and Evaluation of Anticancer Activities of Novel C-28 Guanidine-Functionalized Triterpene Acid Derivatives. *Molecules*, **2018**, 23,	4.8	12
652	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
651	Photocontrolled organic field effect transistors based on the fullerene C and spiropyran hybrid molecule.. *RSC Advances*, **2019**, 9, 7505-7508	3.7	11

650	Efficient catalytic method for the synthesis of N-aryl-substituted 1,5,3-dithiazamacroheterocycles. *Tetrahedron*, **2015**, 71, 259-265	2.4	11
649	Transition metal complex-mediated chemistry of 1,3,5-cycloheptatrienes. *Russian Chemical Reviews*, **2018**, 87, 797-820	6.8	11
648	Synthesis of N-alkylanilines and substituted quinolines by reaction of aniline with alcohols and CCl4 effected with Ni-containing catalysts. *Russian Journal of Organic Chemistry*, **2012**, 48, 690-693	0.7	11
647	Titanium-Catalyzed [6+2]-Cycloaddition of Alkynes and Allenes to 7-Substituted 1,3,5-Cycloheptatrienes. *European Journal of Organic Chemistry*, **2015**, 2015, 4464-4470	3.2	11
646	Efficient catalytic synthesis of (1,5,3-dithiazepan-3-yl)quinolines. *Russian Journal of Organic Chemistry*, **2014**, 50, 1613-1616	0.7	11
645	One-pot synthesis of borolanes by reaction of aluminacyclopentanes with BF3·Et2O. *Russian Journal of Organic Chemistry*, **2012**, 48, 755-760	0.7	11
644	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	0.7	11
643	Synthesis and transformations of metallacycles. *Russian Chemical Bulletin*, **2009**, 58, 948-954	1.7	11
642	Doublet-quartet intersystem crossing in negative molecular ions with an abnormally long lifetime. *Doklady Physical Chemistry*, **2007**, 414, 162-165	0.8	11
641	First synthesis of magnesacyclopentadienes from acetylenes by treatment with BuMgHlg in the presence of Zr complexes. *Russian Journal of Organic Chemistry*, **2007**, 43, 176-180	0.7	11
640	Thiomethylation of amino alcohols using formaldehyde and hydrogen sulfide. *Russian Journal of Organic Chemistry*, **2007**, 43, 918-925	0.7	11
639	Covalent binding of fullerene C60 to dithienylethene as a promising approach to the preparation of new photochromic compounds. *Mendeleev Communications*, **2016**, 26, 143-145	1.9	11
638	Synthesis of N-aryl-hexaoxazadispiroalkanes using lanthanide catalysts. *Tetrahedron Letters*, **2018**, 59, 3161-3164	2	11
637	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. *Russian Journal of Organic Chemistry*, **2013**, 49, 904-908	0.7	10
636	Efficient synthesis of 3-aryl(hetaryl)-1,5,3-dioxazepanes involving catalysts containing Sm and Co. *Russian Journal of Organic Chemistry*, **2013**, 49, 750-753	0.7	10
635	[6+2]-Cycloaddition of α,ω-Diallenes and α,ω-Diacetylenes to 1,3,5-Cycloheptatriene in the Presence of TiCl4-Et2AlCl. *Russian Journal of Organic Chemistry*, **2013**, 49, 1139-1142	0.7	10
634	Synthesis of cyclopropane compounds: bicyclo[1.1.0]butanes, spiropentanes and bicyclopropanes. *Russian Chemical Reviews*, **2012**, 81, 700-728	6.8	10
633	Asymmetric alkene cycloalumination by AlEt3, catalyzed with neomenthylindenyl zirconium η5-complexes. *Journal of Organometallic Chemistry*, **2013**, 723, 19-25	2.3	10

632	A facile synthesis of spiro macrocarbocycles via the cycloalumination reaction of cyclic alkynes and alkadiynes. *Tetrahedron Letters*, **2011**, 52, 4602-4605	2	10
631	Cycloaddition of diazoketones to [60]fullerene in the presence of the catalytic system Pd(acac)2–PPh3–Et3Al. *Russian Chemical Bulletin*, **2010**, 59, 611-614	1.7	10
630	The conversion of alkynes into substituted cyclopropanes effected by CH2I2-R3Al (R´=´Me, Et, i-Bu). *Journal of Organometallic Chemistry*, **2010**, 695, 1761-1767	2.3	10
629	Aluminum carbenoids in allene cyclopropanation. *Tetrahedron Letters*, **2010**, 51, 6268-6269	2	10
628	Catalytic hydroamination of fullerene C60 with primary and secondary amines. *Russian Journal of Organic Chemistry*, **2007**, 43, 375-379	0.7	10
627	Catalytic replacement of transition metal atoms in metallacarbocycles by the atoms of nontransition metals. *Mendeleev Communications*, **2008**, 18, 1-5	1.9	10
626	11-Phenylundeca-5Z,9Z-dienoic Acid: Stereoselective Synthesis and Dual Topoisomerase I/II Inhibition. *Current Cancer Drug Targets*, **2015**, 15, 504-10	2.8	10
625	The synthesis of N-substituted N,S-macroheterocycles derived from aromatic carboxylic acid hydrazides. *Macroheterocycles*, **2015**, 8, 89-93	2.2	10
624	Molybdenum compounds in organic synthesis. *Russian Chemical Reviews*, **2017**, 86, 128-163	6.8	9
623	Cobalt(I)-catalyzed [4+2]-cycloaddition reactions of 1,3-diynes with 1,3,5-cyclooctatriene. *Tetrahedron Letters*, **2017**, 58, 1839-1841	2	9
622	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	2.4	9
621	First Synthesis of 2,9-Disubstituted cis-2,3a,7b,9,10a,14b- Hexaazaperhydrodibenzotetracenes. *Synlett*, **2018**, 29, 1861-1866	2.2	9
620	Sm-Catalyzed Synthesis and Biological Activity of Acyclic and Cyclic Azadiperoxides. *Russian Journal of Organic Chemistry*, **2019**, 55, 620-632	0.7	9
619	An efficient catalytic method for the synthesis of 2,7-dialkyl-2,3a,5a,7,8a,10a-hexaazaperhydropyrenes. *Tetrahedron Letters*, **2014**, 55, 6367-6369	2	9
618	A new reaction of [60]fullerene with nitriles and EtMgBr in the presence of Ti(Oi-Pr)4. *Tetrahedron Letters*, **2014**, 55, 5003-5006	2	9
617	Catalytic thiomethylation of carboxylic acid hydrazides. *Russian Chemical Bulletin*, **2013**, 62, 98-103	1.7	9
616	Catalytic cycloalumination in steroid chemistry: the introduction of a spirotetrahydrofuran or spirotetrahydroselenophene moiety into a 3'-methylene-(5)-spirocholestane-3,1'-cyclobutane molecule. *Steroids*, **2013**, 78, 241-6	2.8	9
615	Ti-catalyzed reactions of unsymmetrical alkynes with esters of monocarboxylic acids and EtAlCl2: An efficient catalytic method for the synthesis of tetrasubstituted furans. *Tetrahedron*, **2017**, 73, 5639-5645	2.4	9

614	Synthesis of pentaoxaspiroalkanes and pentaoxocanes catalyzed by lanthanide compounds. *Arkivoc* , **2017**, 2016, 427-433	0.9	9
613	The first one-pot synthesis of alkoxycyclopropanes via cyclometalation of styrene with ClnAlEt3 and RCO2R? mediated by Cp2ZrCl2. *Tetrahedron Letters*, **2009**, 50, 7086-7088	2	9
612	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
611	Catalytic cycloaddition of diazoalkanes generated in situ to fullerene C60. *Russian Journal of Organic Chemistry*, **2010**, 46, 588-589	0.7	9
610	A novel reaction of cycloalumination of olefins and acetylenes mediated by metallocomplex catalysts. *Russian Chemical Bulletin*, **1998**, 47, 786-794	1.7	9
609	Stereoselective synthesis of trisubstituted olefins through 2,5-dialkylidenemagnesacyclopentanes. *Russian Journal of Organic Chemistry*, **2007**, 43, 956-960	0.7	9
608	Hydrometallation of Unsaturated Compounds447-489		9
607	Multicomponent heterocyclization of carboxamides with H2S and CH2O. *Russian Journal of Organic Chemistry*, **2008**, 44, 190-196	0.7	9
606	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
605	Reactions of aminophenols with formaldehyde and hydrogen sulfide. *Russian Chemical Bulletin*, **2006**, 55, 312-316	1.7	9
604	Multicomponent heterocyclization of hydrazine, hydrogen sulfide, and formaldehyde. *Russian Chemical Bulletin*, **2004**, 53, 1717-1721	1.7	9
603	Hydrogenation and Skeleton Rearrangements of -Pinene on Heterogeneous Catalysts. *Russian Journal of Applied Chemistry*, **2003**, 76, 234-237	0.8	9
602	One-pot synthesis of 1,1-disubstituted cyclopropanes in the presence of metal complex catalysts. *Journal of Organometallic Chemistry*, **2001**, 636, 76-81	2.3	9
601	The Mechanism of Cp2ZrCl2-Catalyzed Alkene Cycloalumination with Triethylaluminum to Give Alumacyclopentanes. *Doklady Physical Chemistry*, **2001**, 381, 279-282	0.8	9
600	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
599	New synthesis of tetraoxaspirododecane-diamines and tetraoxazaspirobicycloalkanes.. *RSC Advances*, **2019**, 9, 29949-29958	3.7	9
598	First Example of Catalytic Synthesis of Difurazanohexahydrohexaazapyrenes and Study of Their Antitumor Activity. *ACS Medicinal Chemistry Letters*, **2019**, 10, 378-382	4.3	8
597	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

596	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
595	Synthesis of N-Hydroxyalkyl-1,5,3-Dithiazepanes Based on Amino Alcohols. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 720-725	1.4	8
594	Catalytic cycloaddition of diazoalkanes with heterocyclic substituents to fullerene C60. *Russian Journal of Organic Chemistry*, **2012**, 48, 99-103	0.7	8
593	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
592	New methods for the synthesis of □,□bis-1,5,3-dithiazepanes on the basis of aliphatic □,□diamines. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 1237-1242	1.4	8
591	The reaction of fullerene C60 with halogen azides. *Mendeleev Communications*, **2013**, 23, 326-328	1.9	8
590	Synthesis of [60]fulleropyrrolidine□dithienylethene conjugates and DFT calculations of their photochromic properties. *Mendeleev Communications*, **2015**, 25, 470-472	1.9	8
589	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
588	A new synthesis of fullerenyl ketones catalyzed by Ti(Oi-Pr)4. *Tetrahedron Letters*, **2013**, 54, 3260-3262	2	8
587	Synthesis and transformations of metallacycles 38. The Cp2ZrCl2-catalyzed cyclometallation of □,□diynes upon the action of RMgR□br R n AlCl3□. *Russian Chemical Bulletin*, **2011**, 60, 1633-1639	1.7	8
586	First example of the interaction of fullerene C60 with hydrazoic acid. *Russian Chemical Bulletin*, **2011**, 60, 1885-1887	1.7	8
585	Amidation of adamantane and diamantane with acetonitrile and bromotrichloromethane in the presence of Mo(CO)6 in aqueous medium. *Russian Journal of Organic Chemistry*, **2011**, 47, 1898-1900	0.7	8
584	Covalent binding of fullerene C60 to pharmacologically important compounds. *Russian Chemical Bulletin*, **2011**, 60, 662-666	1.7	8
583	Cyclomagnesation of cycloalkynes with the use of RMgR□catalyzed by zirconium complexes. *Russian Journal of Organic Chemistry*, **2009**, 45, 1598-1604	0.7	8
582	Cycloaddition of diazocycloalkanes to [60]fullerene in the presence of Pd-containing complex catalyst. *Russian Chemical Bulletin*, **2010**, 59, 977-983	1.7	8
581	Cyclothiomethylation of aryl hydrazines with formaldehyde and hydrogen sulfide. *Russian Chemical Bulletin*, **2006**, 55, 1824-1834	1.7	8
580	Acetylene cyclopropanation by CH2I2□Et3Al reagent. *Journal of Organometallic Chemistry*, **2001**, 636, 91-95	2.3	8
579	Synthesis and transformations of metallacycles. *Russian Chemical Bulletin*, **1999**, 48, 1574-1580	1.7	8

578	Synthesis and transformations of metallocycles. *Russian Chemical Bulletin*, **1994**, 43, 252-254	1.7	8
577	Synthesis and transformations of metallocycles. *Russian Chemical Bulletin*, **1994**, 43, 255-257	1.7	8
576	Catalytic synthesis and reactions of magnesiocycloalkanes. 2. Synthesis of substituted magnesiocyclopentanes in the presence of zirconium complexes. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 770-788		8
575	New method for the synthesis of 2-thiophenecarboxylic acids in the presence of V-, Fe-, or Mo-containing catalysts. *Arkivoc*, **2005**, 2004, 53-60	0.9	8
574	Structure and conformations of 2-substituted and 3-substituted alumolanes in polar solvents: a direct NMR observation. *Magnetic Resonance in Chemistry*, **2016**, 54, 62-74	2.1	8
573	Pentacyclic triterpene acid conjugated with mitochondria-targeting cation F16: Synthesis and evaluation of cytotoxic activities. *Medicinal Chemistry Research*, **2021**, 30, 940-951	2.2	8
572	Synthesis of a new class of heterocycles 1,7-dithia-3,5-diazacycloalkan(e)-4-(thi)ones using Cs- and Rb-containing catalysts. *Tetrahedron*, **2017**, 73, 7079-7084	2.4	7
571	Catalytic [6+2]-cycloaddition of Si-containing alkynes to 7-substituted 1,3,5-cycloheptatrienes under the action of Ti(acac)2Cl2–Et2AlCl. *Journal of Organometallic Chemistry*, **2015**, 794, 23-26	2.3	7
570	The synthesis of cyclopropyl amines and cyclopropanols by the reaction of enamines and trimethylsilyl enol ethers with CH2I2 and Et3Al. *Tetrahedron*, **2015**, 71, 3290-3295	2.4	7
569	Cobalt(I)-catalyzed [6+2]-cycloadditions of 1,2-dienes to 1,3,5,7-cyclooctatetraene. *Tetrahedron Letters*, **2015**, 56, 2005-2007	2	7
568	Efficient catalytic synthesis of N-cycloalkyl-1,5,3-dithiazepanes. *Russian Journal of Organic Chemistry*, **2015**, 51, 951-956	0.7	7
567	Synthesis of 2-Phenylquinoline and its Derivatives by Multicomponent Reaction of Aniline, Benzylamine, Alcohols, and CCl4 Catalyzed by FeCl3·6H2O. *Journal of Heterocyclic Chemistry*, **2016**, 53, 144-146	1.9	7
566	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. *Steroids*, **2018**, 138, 6-13	2.8	7
565	The efficient one-pot synthesis of tetraalkyl substituted furans from symmetrical acetylenes, EtAlCl2, and carboxylic esters catalyzed by Cp2TiCl2. *Tetrahedron Letters*, **2014**, 55, 1326-1328	2	7
564	A novel method for synthesis of benzyl alkyl ethers using vanadium-based metal complex catalysts. *Petroleum Chemistry*, **2012**, 52, 261-266	1.1	7
563	Hydrazines in the synthesis of N-substituted 1,5,3-dithiazocan-3-amines catalyzed by Ti and Cu compounds. *Russian Journal of Organic Chemistry*, **2013**, 49, 655-657	0.7	7
562	Synthesis of Si- and N-containing bicyclo[4.2.1]nona-2,4-dienes and bicyclo[4.2.1]nona-2,4,7-trienes. *Russian Chemical Bulletin*, **2013**, 62, 1016-1019	1.7	7
561	Catalytic cycloaminomethylation of ureas and thioureas with N,N-bis(methoxymethyl)alkanamines. *Russian Journal of Organic Chemistry*, **2015**, 51, 116-120	0.7	7

560	First example of borirane synthesis by α-olefins reaction with BCl3·SMe2 Catalyzed with (η5-C5H5)2TiCl2. *Russian Journal of Organic Chemistry*, **2015**, 51, 1517-1523	0.7	7
559	Regiodirected Synthesis and Stereochemistry of 2,4,8-Trialkyl-3-thia-1,5-diazabicyclo[3.2.1]octanes and α,ω-Bis(2,4,6-trialkyl-1,3,5-dithiazinane-5-yl)alkanes. *Journal of Heterocyclic Chemistry*, **2015**, 52, 1037-1045	1.0	7
558	Catalytic enantioselective ethylalumination of terminal alkenes: substrate effects and absolute configuration assignment. *Tetrahedron: Asymmetry*, **2015**, 26, 124-135		7
557	Synthesis of substituted 2,3-dihydro-1H-boroles by transmetalation of aluminacyclopent-2-enes with BF3·Et2O. *Russian Journal of Organic Chemistry*, **2012**, 48, 761-766	0.7	7
556	Synthesis and transformations of metallacycles 43. One-pot synthesis of polycyclic 3-alkyl(phenyl)phospholane 3-oxides. *Russian Chemical Bulletin*, **2013**, 62, 2467-2471	1.7	7
555	Cycloaddition of cage and polycyclic diazo compounds to C60 fullerene catalyzed by Pd(acac)2-2PPh3-4Et3Al. *Petroleum Chemistry*, **2011**, 51, 123-127	1.1	7
554	Synthesis of functionally substituted methanofullerenes and study of their tribological properties. *Russian Journal of Applied Chemistry*, **2010**, 83, 1238-1242	0.8	7
553	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	0.7	7
552	Catalytic vapor-phase alkylation of phenol with methanol. *Petroleum Chemistry*, **2008**, 48, 389-392	1.1	7
551	LnCl3·6H2O crystal hydrates as highly effective catalysts in the synthesis of alkyl-substituted quinolines and phenanthrolines. *Russian Journal of Organic Chemistry*, **2006**, 42, 1573-1575	0.7	7
550	Oxidation of monohydric and dihydric alcohols with CCl4 catalyzed by molybdenum compounds. *Russian Journal of Organic Chemistry*, **2006**, 42, 1615-1621	0.7	7
549	An effect of application of chiral aluminium alkoxides and amides as adducts to zirconium catalyzed carbo- and cycloalumination of olefins. *Journal of Organometallic Chemistry*, **2004**, 689, 444-453	2.3	7
548	Thiomethylation of aromatic amines: efficient method for the synthesis of heterocyclic compounds. *Russian Chemical Bulletin*, **2003**, 52, 1817-1821	1.7	7
547	Cycloaluminizing of Acetylenes and 1,4-Enynes in the Presence of Zr-containing Catalysts. *Russian Journal of Organic Chemistry*, **2005**, 41, 667-672	0.7	7
546	Synthesis and transformations of metallacycles. 24. Zr-Catalyzed cycloalumination of asymmetrical disubstituted acetylenes. *Russian Chemical Bulletin*, **2001**, 50, 484-487	1.7	7
545	Regio- and stereo-selective hydroalumination of disubstituted acetylenes with Et3Al catalysed by (η5-C5H5)2TiCl2. *Mendeleev Communications*, **1996**, 6, 231-232	1.9	7
544	Novel Regioselective α-Hydrovinylation of Terminal Alkenes in the Presence of Metallocomplexed Catalysts. *Mendeleev Communications*, **1992**, 2, 28-29	1.9	7
543	Catalytic synthesis and transformations of magnesacycloalkanes. *Russian Chemical Bulletin*, **1993**, 42, 149-153	1.7	7

542	Synthesis of higher allyl sulfones using palladium complexes as catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 133-136		7
541	Synthesis of New Dihydroquinopimaric Acid Analogs with Nitrile Groups as Apoptosis-Inducing Anticancer Agents. *Anti-Cancer Agents in Medicinal Chemistry*, **2019**, 19, 1172-1183	2.2	7
540	Aluminacyclopentanes in the synthesis of 3-substituted phospholanes and □,□bisphospholanes. *Beilstein Journal of Organic Chemistry*, **2016**, 12, 406-12	2.5	7
539	Reversible luminescence switching of a photochromic fullerene[60]-containing spiropyran. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 375, 64-70	4.7	7
538	The first total synthesis of lembehyne B. *Mendeleev Communications*, **2017**, 27, 122-124	1.9	6
537	Efficient one-pot method for the synthesis of bis -propargylamines by the reaction of terminal acetylenes with 1,5,3-dioxazepanes catalyzed by c□□per chloride. *Tetrahedron*, **2017**, 73, 2367-2373	2.4	6
536	Mechanism of catalytic cycloboration of □-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	1.5	6
535	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. *Journal of Organic Chemistry*, **2019**, 84, 9058-9066	4.2	6
534	The ferric chloride-catalyzed Ritter amidation of norbornane-type dienes. *Mendeleev Communications*, **2019**, 29, 143-144	1.9	6
533	Synthesis of tetrasubstituted furans by multicomponent reaction of alkynes with dichloro(ethyl)aluminum and carboxylic acid esters in the presence of Cp2TiCl2. *Russian Journal of Organic Chemistry*, **2015**, 51, 1277-1281	0.7	6
532	Cycloaddition of alkyl azides to fullerene C60 in the presence of Cu(OTf)2. *Mendeleev Communications*, **2015**, 25, 346-347	1.9	6
531	Synthesis and X-ray diffraction study of triamantane. *Tetrahedron Letters*, **2015**, 56, 536-538	2	6
530	Synthesis and Properties of Energy-Rich Methanofullerenes Containing Norbornadiene and Quadricyclane Moieties. *Journal of Organic Chemistry*, **2018**, 83, 4160-4166	4.2	6
529	Synthesis of amino substituted methanofullerenes in the presence of Ti(Oi-Pr)4. *Tetrahedron Letters*, **2016**, 57, 4314-4317	2	6
528	Quinoline Synthesis by the Reaction of Anilines with 1,2-diols Catalyzed by Iron Compounds. *Journal of Heterocyclic Chemistry*, **2016**, 53, 1022-1029	1.9	6
527	Mechanism of Cp2ZrCl2-Catalyzed Olefin Cycloalumination with AlEt3: Quantum Chemical Approach. *Organometallics*, **2018**, 37, 2406-2418	3.8	6
526	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
525	The reagent Et2AlX/CH2N2 in cyclopropanation of sterically hindered olefins, as well as oxygen- and nitrogen-containing unsaturated compounds. *Russian Chemical Bulletin*, **2019**, 68, 1869-1873	1.7	6

524	Synthesis of halogen-substituted borolanes and 2,3-dihydro-1H-boroles by reactions of aluminacarbocycles with boron trichloride and boron tribromide. *Russian Journal of Organic Chemistry*, **2014**, 50, 309-313	0.7	6
523	Synthesis of 3-(Alk-2-yn-1-yl)-1,3-Oxazolidines Using Copper-Containing Catalysts. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 726-733	1.4	6
522	Synthesis, properties and transformations of fullerene peroxides. *Russian Chemical Reviews*, **2014**, 83, 677-717	6.8	6
521	TaCl5-catalyzed carbomagnesiation of some norbornenes with ethyl Grignard reagents. *Journal of Organometallic Chemistry*, **2013**, 745-746, 120-125	2.3	6
520	Unusual pathway of the tantalum-catalyzed carboalumination reaction of alkenes with triethylaluminum. *Tetrahedron Letters*, **2013**, 54, 6619-6623	2	6
519	Synthesis of N-(1,5,3-dithiazepan-3-yl)- and N-(1,5,3-dithiazocan-3-yl)amides in the presence of lanthanide catalysts. *Russian Journal of Organic Chemistry*, **2013**, 49, 1686-1689	0.7	6
518	Advances in the synthesis of aromatic and heteroaromatic carboxylic acids and their esters. *Russian Journal of Organic Chemistry*, **2017**, 53, 1113-1169	0.7	6
517	Synthesis and transformations of metallacycles 39. Zr-Catalyzed cyclomagnesiation of N-containing allenes. *Russian Chemical Bulletin*, **2012**, 61, 158-164	1.7	6
516	Ritter reaction of organic nitriles with 1-bromo- and 1-hydroxyadamantanes catalyzed by manganese compounds and complexes. *Russian Journal of Organic Chemistry*, **2011**, 47, 1682-1685	0.7	6
515	Synthesis and transformations of metallacycles 37. Cp2ZrCl2-Catalyzed cycloalumination of substituted methylidenecyclopropane with Et3Al. *Russian Chemical Bulletin*, **2011**, 60, 107-111	1.7	6
514	Dimerization and oligomerization of styrene in the presence of pentasils. *Russian Chemical Bulletin*, **2009**, 58, 59-63	1.7	6
513	Selective hydroxylation of adamantane and its derivatives. *Russian Journal of Organic Chemistry*, **2009**, 45, 1137-1142	0.7	6
512	Selective cyclometalation of disubstituted acetylenes and ethylene with diethylmagnesium and ethylmagnesium halides in the presence of zirconium complexes. *Russian Journal of Organic Chemistry*, **2010**, 46, 355-362	0.7	6
511	Aluminacyclopropenes, a novel series of organoaluminum compounds. *Russian Chemical Bulletin*, **1997**, 46, 2150-2152	1.7	6
510	Aluminacyclopentanes in the synthesis of ethyl 1-hydroxycyclopentanecarboxylates. *Russian Journal of Organic Chemistry*, **2007**, 43, 347-351	0.7	6
509	Mild C-C bond cleavage in cycloalkanes by the action of new lanthanide catalysts LnCl3–BH2O–B(EtO)2AlOH. *Russian Journal of Organic Chemistry*, **2008**, 44, 470-471	0.7	6
508	Diels-alder reactions of alumina-and magnesacyclopentadienes. *Russian Journal of Organic Chemistry*, **2008**, 44, 1311-1315	0.7	6
507	Modification of hyaluronic acid with aromatic amino acids. *Russian Journal of Bioorganic Chemistry*, **2005**, 31, 82-86	1	6

506	Modeling of Partial Oxidation of Hydrogen Sulfide over Metal Oxide Catalysts. *Doklady Chemistry*, **2001**, 376, 34-37	0.8	6
505	Identification and biological activity of the volatile organic substances emitted by plants and insects II. Sesquiterpene composition of the native scent of leaves of the potatoSolanum tuberosum. *Chemistry of Natural Compounds*, **1999**, 35, 422-426	0.7	6
504	Synthesis and conversions of metallocycles. 7. A novel approach to the synthesis of 3,4-dialkyl-substituted aluminacyclopentanes in the presence of Cp2ZrCl2. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1425-1427		6
503	Catalytic synthesis and transformations of magnesium-cycloalkanes. 1. New catalytic transformations in the series of magnesium-cyclopentanes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1229-1234		6
502	Synthesis and conversions of metallocycles. 8.13C NMR spectra of aluminocyclopentanes. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1646-1651		6
501	Nontraditional approach to the synthesis of 3-substituted tetrahydrothiophenes and tetrahydroselenophenes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 1324-1324		6
500	A new method for the synthesis of monoalkyl-substituted cyclobutanes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 1981-1981		6
499	New conversions of substituted vinylcyclopropanes under the effect of complexes of rhodium and palladium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1447-1450		6
498	Synthesis of □-tocopherol (vitamin E), vitamin K1-chromanol, and their analogs in the presence of aluminosilicate catalysts Tseokar-10 and Pentasil. *Arkivoc*, **2003**, 2003, 101-118	0.9	6
497	New Catalytic Method for the Synthesis of 2,7-Dicycloalkyl-hexaazaperhydropyrenes. *Journal of Chemistry*, **2016**, 2016, 1-6	2.3	6
496	Synthesis of 1-fluoro-2-alkylboriranes by the reaction of □-olefins with BF3□THF catalyzed by Cp2TiCl2. *Russian Journal of General Chemistry*, **2016**, 86, 1438-1441	0.7	6
495	The facile first total synthesis of a deuterated analog of natural muricadienin. *Tetrahedron*, **2016**, 72, 5783-5787	2.4	6
494	Efficient Catalytic Synthesis of 2,7-Diaryl(hetaryl)-4,9-dimethylperhydro-2,3a,5a,7,8a,10a-hexaazapyrenes. *Russian Journal of Organic Chemistry*, **2018**, 54, 1085-1089	0.7	6
493	Synthesis of Spiro[2.2]pentanes and Spiro[2.3]hexanes Employing the Me3Al/CH2I2 Reagent. *European Journal of Organic Chemistry*, **2017**, 2017, 7060-7067	3.2	5
492	Stereochemical outcome of perhydro hexaazadibenzotetracene formation from trans-1,2-diaminocyclohexane. *Mendeleev Communications*, **2020**, 30, 308-310	1.9	5
491	Synthesis, structure, and antitumor activity of 2,9-disubstituted perhydro 2,3a,7b,9,10a,14b-hexaazadibenzotetracenes.. *RSC Advances*, **2020**, 10, 21039-21048	3.7	5
490	Direct and Stereoselective Iron-Catalyzed Amidation of Binor-S with Alkyl and Aryl Cyanides in Water. *Synthesis*, **2018**, 50, 1555-1559	2.9	5
489	Mechanistic aspects of chemo- and regioselectivity in Cp2ZrCl2-catalyzed alkene cycloalumination by AlEt3. *Journal of Organometallic Chemistry*, **2016**, 822, 135-143	2.3	5

488	New one-pot method for the synthesis of pyrrolidinofullerenes. *RSC Advances*, **2016**, 6, 81847-81851	3.7	5
487	New boron reagents for cycloboration of □-olefins into boriranes under Cp2TiCl2 catalysis. *Journal of Organometallic Chemistry*, **2018**, 873, 73-77	2.3	5
486	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. *ChemistrySelect*, **2018**, 3, 6221-6223	1.8	5
485	Synthesis and Tribological Properties of Sulfur-Containing Methanofullerenes. *Fullerenes Nanotubes and Carbon Nanostructures*, **2014**, 22, 397-403	1.8	5
484	Reactions of fullerene C60 with organometallic azides. *Tetrahedron Letters*, **2014**, 55, 3747-3749	2	5
483	Quantum-chemical simulation of the mechanism of alkene carboalumination alkylalanes in the presence of the Cp2ZrCl2 catalyst. *Doklady Chemistry*, **2012**, 443, 67-71	0.8	5
482	One-Step Synthesis of Racemic 4-Methyloctanoic Acid, a Component of the Aggregation Pheromone of Oryctes rhinoceros. *Chemistry of Natural Compounds*, **2013**, 48, 1122-1123	0.7	5
481	Chlorination of hydrocarbons with CCl4 catalyzed by complexes of Mn, Mo, V, Fe. *Russian Journal of Organic Chemistry*, **2013**, 49, 1557-1566	0.7	5
480	Synthesis and transformations of metallacycles 42. Cp2ZrCl2-Catalyzed cycloalumination of 3-methylidenespiro[cyclobutane-1,3?-(5?□)-cholestane] with Et3Al. *Russian Chemical Bulletin*, **2013**, 62, 183-187	1.7	5
479	TaCl5-catalyzed reaction of 1-alkenes with n-alkyl Grignard reagents. *Journal of Organometallic Chemistry*, **2013**, 724, 51-56	2.3	5
478	Zirconium-Catalyzed Alkyne Carbo- and Cycloalumination Reactions in Stereoselective Preparation of 1-Alkenyl Selenides. *Synthesis*, **2017**, 28, 4523-4534	2.9	5
477	Synthesis and photochromic properties of hybrid molecules based on fullerene C60 and 3,3?-(cyclopent-1-ene-1,2-diyl)bis(5-chloro-2-methylthiophene). *Russian Journal of Organic Chemistry*, **2017**, 53, 891-897	0.7	5
476	A Route to 1-Alkenylphosphine Derivatives via the Zr-Catalyzed Reaction of 1-Alkynylphosphines with Triethylaluminum. *Asian Journal of Organic Chemistry*, **2015**, 4, 1301-1307	3	5
475	Synthesis of phenanthrene-9-carboxylic esters by the iron-catalyzed reaction of phenanthrene with CCl4 and alcohols. *Mendeleev Communications*, **2015**, 25, 219-220	1.9	5
474	Zirconium-catalyzed cyclopropanation of □-olefins mediated by R?CO2R? and ClnAlEt3-n. *Tetrahedron*, **2011**, 67, 9142-9147	2.4	5
473	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. *Russian Journal of Organic Chemistry*, **2011**, 47, 1300-1304	0.7	5
472	Cp2ZrCl2-Catalyzed cycloalumination of acetylenic alcohols and propargylamines by Et3Al. *Russian Chemical Bulletin*, **2011**, 60, 99-106	1.7	5
471	On the mechanism of the chemiluminescent condensation of aniline with butyraldehyde catalyzed by LnCl3 □6H2O. *Kinetics and Catalysis*, **2010**, 51, 534-541	1.5	5

470	PMR and 13C NMR spectra of biologically active compounds. XIII.* Structure and stereochemistry of a new phenylpropanoid glycoside isolated from Onopordum acanthium seeds. *Chemistry of Natural Compounds*, **2009**, 45, 61-65	0.7	5
469	Styrene oligomerization catalyzed by zeolites of different structural types. *Petroleum Chemistry*, **2010**, 50, 129-134	1.1	5
468	Synthesis and transformations of metallacycles 36. Cycloalumination of macrocyclic diacetylenes with Et3Al catalyzed by Cp2ZrCl2. *Russian Chemical Bulletin*, **2010**, 59, 1902-1908	1.7	5
467	Cycloaddition of tertiary amines to fullerene C60, catalyzed by Ti, Zr, and Hf complexes. *Russian Journal of Organic Chemistry*, **2007**, 43, 370-374	0.7	5
466	Cyclomagnesation of cyclonona-1,2-diene with EtMgR catalyzed by Cp2ZrCl2. *Russian Journal of Organic Chemistry*, **2008**, 44, 197-201	0.7	5
465	Conversion of □-methylstyrene over pentasil zeolites with various silica ratios. *Petroleum Chemistry*, **2008**, 48, 366-370	1.1	5
464	Synthesis of 2-thiophenecarboxylic and 2,5-thiophenedicarboxylic acid esters via the reaction of thiophenes with the CCl4-ROH reagent in the presence of vanadium, iron, and molybdenum catalysts. *Petroleum Chemistry*, **2008**, 48, 471-478	1.1	5
463	Alkylation of adamantane with alkyl halides catalyzed by ruthenium complexes. *Petroleum Chemistry*, **2006**, 46, 159-163	1.1	5
462	Effect of dicyclopentadiene-and diindenezirconocene dichlorides on free-radical polymerization of methyl methacrylate. *Polymer Science - Series A*, **2006**, 48, 712-716	1.2	5
461	A new route of the reaction of EtAlCl2 with □-olefins catalyzed by Ti complexes. *Russian Chemical Bulletin*, **2001**, 50, 292-296	1.7	5
460	One-step cyclopropanation of alkynes with diiodomethane and triethylaluminum. *Russian Chemical Bulletin*, **2001**, 50, 1406-1409	1.7	5
459	Synthesis and transformations of metallacycles. *Russian Chemical Bulletin*, **2000**, 49, 1086-1089	1.7	5
458	Some new transformations of cyclopropylacetylene catalyzed by rhodium, palladium, and cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 2171-2174		5
457	Synthesis and transformations of metallocycles 5. Regioselective synthesis of □substituted alumocyclopentanes by the cyclometallation of □-olefins using Et3Al in the presence of Cp2ZrCl2. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 2570-2578		5
456	Carbalumination of higher □-olefins catalyzed by titanium and zirconium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 196-197		5
455	Reactions of hydroperoxides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1972**, 21, 2675-2678		5
454	Total Synthesis of Natural Lembehyne C and Investigation of Its Cytotoxic Properties. *Journal of Natural Products*, **2020**, 83, 2399-2409	4.9	5
453	Efficient synthesis of N-Substituted 1,11-dioxa-4,8-dithia-6-azacyclotridecanes. *Russian Journal of Organic Chemistry*, **2016**, 52, 571-575	0.7	5

452	A New Strategy for the Synthesis of Bis(alkadiynyl)amines and Azacycloalkadiynes Using Copper-Containing Catalysts. *Synthesis*, **2016**, 48, 2294-2302	2.9	5
451	Cyclopropanation of [2,2]biadamantylidene with Me3AlCH2I2 reagent. *Mendeleev Communications*, **2016**, 26, 434-436	1.9	5
450	Synthesis and Electrochemical Properties of Fullerenylstyrenes. *Journal of Organic Chemistry*, **2019**, 84, 16333-16337	4.2	5
449	Ligand exchange processes in zirconocene dichloride-trimethylaluminum bimetallic systems and their catalytic properties in reaction with alkenes. *Dalton Transactions*, **2018**, 47, 16918-16937	4.3	5
448	Allyl and 2-Cyclopropylethyl Rearrangements in the Reaction of 1-Alkenylaluminums with Diiodomethane/Triethylaluminum Reagent. *Synlett*, **2018**, 29, 627-629	2.2	5
447	Original catalytic synthesis of macrodiolides containing a 1Z,5Z-diene moiety. *Mendeleev Communications*, **2018**, 28, 503-504	1.9	5
446	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
445	Ti-catalyzed cross-cyclomagnesiation of 1,2-dienes in the stereoselective synthesis of insect pheromones. *Tetrahedron Letters*, **2017**, 58, 1755-1757	2	4
444	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
443	2-Zincoethylzincation of 2-Alkynylamines and 1-Alkynylphosphines Catalyzed by Titanium(IV) Isopropoxide and Ethylmagnesium Bromide. *Synlett*, **2019**, 30, 311-314	2.2	4
442	First examples of the synthesis of macroaluminahetero(N,S)cycles with the participation of metallo(Ti,Zr)cene catalysts. *Tetrahedron Letters*, **2015**, 56, 3820-3825	2	4
441	Synthesis of new alkynyl containing 9-azabicyclo[4.2.1]nonatrienes from diynes and azepines. *Mendeleev Communications*, **2020**, 30, 318-319	1.9	4
440	Fullerene-Containing Lubricants: Achievements and Prospects. *Petroleum Chemistry*, **2020**, 60, 113-133	1.1	4
439	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. *European Journal of Organic Chemistry*, **2020**, 2020, 623-626	3.2	4
438	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. *Tetrahedron*, **2018**, 74, 4071-4077	2.4	4
437	Catalytic cyclometallation of allylbenzenes by EtAlCl2 and Mg as new route to synthesis of dibenzyl butane lignans. *Journal of Organometallic Chemistry*, **2014**, 772-773, 292-298	2.3	4
436	Cycloalumination of cycloalkynes with triethylaluminum catalyzed by zirconium complexes. *Russian Journal of Organic Chemistry*, **2012**, 48, 1-7	0.7	4
435	Molybdenum hexacarbonyl-catalyzed condensation of malononitrile with ketones and aldehydes. *Russian Chemical Bulletin*, **2013**, 62, 683-686	1.7	4

434	Transition metal-catalyzed homodimerization of 1,3,5-cycloheptatrienes. *Russian Chemical Bulletin*, **2013**, 62, 441-443	1.7	4
433	Catalytic cycloaddition of diazo amides to fullerene C60. *Tetrahedron Letters*, **2013**, 54, 2146-2148	2	4
432	Stereocontrolled monoalkylation of mixed-ring complex CpCp?ZrCl2 (Cp?´=´1-neomenthyl-4,5,6,7-tetrahydroindenyl) by lithium, magnesium and aluminum alkyls. *Journal of Organometallic Chemistry*, **2013**, 726, 37-45	2.3	4
431	Aminomethylation of acetylene alcohols and their esters with gem-diamines catalyzed by complexes of d-transition and rare-earth metals. *Russian Journal of Organic Chemistry*, **2011**, 47, 161-167	0.7	4
430	Synthesis and transformations of metallacycles 35. Joint cycloalumination of cyclic 1,2-dienes with disubstituted acetylenes and terminal allenes under the action of EtAlCl2 catalyzed by Ti and Zr complexes. *Russian Chemical Bulletin*, **2009**, 58, 2456-2464	1.7	4
429	Dimerization of vinylarenes on zeolite catalysts. *Petroleum Chemistry*, **2009**, 49, 16-22	1.1	4
428	Oxidation of dermatan sulfate with a NaOCl-NaBr-2,2,6,6-tetramethylpiperidine-1-oxyl reagent in an aqueous medium. *Russian Journal of Bioorganic Chemistry*, **2010**, 36, 354-358	1	4
427	Regioselective intermolecular cycloalumination of cyclic allenes and ethylene with R n AlCl3 , catalyzed by titanium and zirconium complexes. *Russian Journal of Organic Chemistry*, **2010**, 46, 807-811	0.7	4
426	Cycloalumination of ,diolefins with EtAlCl2 catalyzed by zirconium complexes. *Russian Journal of Organic Chemistry*, **2007**, 43, 961-965	0.7	4
425	Synthesis and transformations of metallacycles 33. The first example of cycloalumination of cyclonona-1,2-diene with Et3Al and EtAlCl2 in the presence of Cp2ZrCl2. *Russian Chemical Bulletin*, **2007**, 56, 2232-2235	1.7	4
424	Diastereoselective conversion of alkynyl(trimethyl)silanes into substituted cyclopropanes affected by the i-Bu3Al CH2I2 reagent. *Tetrahedron Letters*, **2008**, 49, 6058-6060	2	4
423	Cyclothiomethylation of aliphatic polyamines with formaldehyde and hydrogen sulfide. *Russian Journal of Organic Chemistry*, **2008**, 44, 499-504	0.7	4
422	A new approach to the preparation of lanthanide catalysts for the synthesis of 2-propyl-3-ethylquinoline based on the reactions of LnCl3 6H2O crystalline hydrates with triisobutylaluminum. *Kinetics and Catalysis*, **2006**, 47, 572-579	1.5	4
421	Controlling the polymerization of methyl methacrylate with ternary initiating systems. *Russian Journal of Applied Chemistry*, **2006**, 79, 1509-1513	0.8	4
420	Reduction of halogen-containing hydrocarbons with diisobutylaluminum hydride, catalyzed by LnCl3 3H2O 3(EtO)2AlOH complexes. *Russian Journal of Organic Chemistry*, **2006**, 42, 1570-1572	0.7	4
419	Promising process for synthesis of 3,5-xylenol from isophorone. *Petroleum Chemistry*, **2006**, 46, 434-438	1.1	4
418	Oxidation of sulfides in petroleum diesel fraction with hydrogen peroxide catalyzed by molybdenum compounds. *Petroleum Chemistry*, **2006**, 46, 439-441	1.1	4
417	Isolation and Crystal Structure of Taraxasteryl Acetate from Onopordum acanthium. *Chemistry of Natural Compounds*, **2004**, 40, 254-257	0.7	4

416	Synthesis and transformations of metallacycles. 32. Novel method for the synthesis of cyclopentanols from aluminacyclopentanes. *Russian Chemical Bulletin*, **2004**, 53, 133-136	1.7	4
415	A First Example of Application of Photoelectron Spectroscopy to Interpretation of the UV Absorption Spectra of Benzenes. *Doklady Chemistry*, **2003**, 389, 101-105	0.8	4
414	Luminescence Monitoring of Lanthanide Catalysts for Diene Polymerization. *Kinetics and Catalysis*, **2003**, 44, 718-726	1.5	4
413	Synthesis and transformations of metallacycles. 26. Cp2ZrCl2-Catalyzed cycloalumination of substituted allenes with Et3Al. *Russian Chemical Bulletin*, **2001**, 50, 2188-2192	1.7	4
412	Bu2 iAlCl-Cp2TiCl2 A new reagent for hydroalumination of disubstituted acetylenes. *Russian Chemical Bulletin*, **1996**, 45, 2610-2613	1.7	4
411	Synthesis and reactions of metallocycles. 6. Stereoselective synthesis of 3,4-dialkyl-substituted aluminocyclopentanes by cyclometallation of -olefins using trialkylalanes in the presence of Cp2ZrCl2. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1022-1025		4
410	Synthesis and transformations of metallocycles. 9. Regioselective and stereoselective synthesis of al-substitutedtrans-3,4-dialkylaluminocyclopentanes catalyzed by (-C5H5)2ZrCl2. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1089-1093		4
409	Synthesis and conversions of metallocycles. 9. Synthesis of polycyclic aluminocyclopentanes with the participation of (-C5H5)2ZrCl2. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 300-305		4
408	Reactions of diazoalkanes with unsaturated compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 1707-1714		4
407	A new method for the synthesis of 1,1-disubstituted cyclopropanes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1071-1071		4
406	Synthesis of new types of tetracyclo[4.3.0.02,4.03,7]nonane hydrocarbons by cyclocodimerization of norbornadiene and its derivatives with diacetylenes and vinylacetylenes, catalyzed by low-valence cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 977-982		4
405	Cross-coupling reactions between some allyl, homoallyl, and homopropargyl substrates and trialkylalanes or dialkyl- and diaryl-magnesium derivatives *. *Journal of Organometallic Chemistry*, **1985**, 292, 133-144	2.3	4
404	New reaction of -olefins with diethylmagnesium, catalyzed by Cp2ZrCl2. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 193-195		4
403	The reaction of butadiene with morpholine as catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 1691-1694		4
402	Synthesis of unsaturated amines from butadiene and allylamines in presence of palladium and nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 1230-1232		4
401	Novel Hybrid Molecules on the Basis of Steroids and (5Z,9Z)-Tetradeca-5,9-dienoic Acid: Synthesis, Anti-Cancer Studies and Human Topoisomerase I Inhibitory Activity. *Anti-Cancer Agents in Medicinal Chemistry*, **2017**, 17, 1126-1135	2.2	4
400	Synthesis of 1-adamantyl alkyl ethers by intermolecular dehydration of 1-adamantanol with alcohols catalyzed by copper compounds. *Arkivoc*, **2014**, 2014, 342-349	0.9	4
399	Short and efficient synthetic route to lembehyne B possessing neuritogenic activity. *Russian Journal of Organic Chemistry*, **2016**, 52, 1844-1846	0.7	4

398	Hybrid Molecules Based on C60 Fullerene and 5Z,9Z-Dienoic Acids: Synthesis and Cytotoxic Activity. *ChemistrySelect*, **2019**, 4, 12897-12901	1.8	4
397	One-pot synthesis of 2,3,5-substituted 1H-pyrroles via the reaction of terminal acetylenes with nitriles and EtAlCl2 catalyzed by □2TiCl2. *Tetrahedron*, **2019**, 75, 906-911	2.4	4
396	Synthesis, photo and acidochromic properties of spiropyran-containing methanofullerenes.. *RSC Advances*, **2020**, 10, 15888-15892	3.7	4
395	Unusual rearrangement in the reaction of cyclopropanated cyclopentadienes with Et3Al/CH2I2 in CH2Cl2. *Synthetic Communications*, **2018**, 48, 2539-2544	1.7	4
394	Total Synthesis of Neuritogenic Alkynes: Lembehyne B and Key Intermediate of Lembehyne A. *ChemistrySelect*, **2017**, 2, 1211-1213	1.8	3
393	Zirconocene Catalysis in Organoaluminum Synthesis of 1-Alkenyl Sulfones and Sulfides. *Synthesis*, **2017**, 49, 1889-1897	2.9	3
392	Acid-base isomerization of hybrid molecules based on fullerene C60 and spiropyrans. *Mendeleev Communications*, **2019**, 29, 229-231	1.9	3
391	A new original approach to the design of anticancer drugs based on energy-rich quadricyclanes. *Russian Chemical Bulletin*, **2019**, 68, 1036-1040	1.7	3
390	The tantalum-catalyzed carbozincation of 1-alkenes with zinc dialkyls. *Journal of Organometallic Chemistry*, **2015**, 776, 23-29	2.3	3
389	Comparative in vitro Studies of the Topoisomerase I Inhibition and Anticancer Activities of Metallated N-Confused Porphyrins and Metallated Porphyrins. *ChemMedChem*, **2020**, 15, 632-642	3.7	3
388	Synthesis of 2,3,5-Substituted 1H-Pyrroles by a Cp2TiCl2-catalyzed Multicomponent Reaction of Terminal Alkynes with Nitriles and EtAlCl2. *Russian Journal of Organic Chemistry*, **2020**, 56, 218-224	0.7	3
387	First Example of Catalytic Synthesis of Cyclic S-Containing Di- and Triperoxides. *Molecules*, **2020**, 25,	4.8	3
386	Cp2TiCl2-catalyzed reaction of symmetrical alkynes with □,□-dicarboxylic acid esters and □AlCl2: An original pathway to □-□-cyclic ketones and tetrasubstituted furans. *Tetrahedron*, **2018**, 74, 2482-2487	2.4	3
385	CH2I2□Et3Al reagent in the cyclopropanation of 2-alkenyl amines. *Tetrahedron Letters*, **2016**, 57, 4024-4026	2	3
384	First example of [6□2]-cycloaddition of 1,2-dienes to 1,3,5,7-cyclooctatetraene catalyzed by CoI compounds. *Russian Chemical Bulletin*, **2016**, 65, 200-202	1.7	3
383	Aluminum carbenoids in the cyclopropanation of fulvenes. *Russian Chemical Bulletin*, **2018**, 67, 479-484	1.7	3
382	Synthesis of New Cu Complex Based on Natural 5,9-Eicosadienoic Acid: Effective Topoisomerase I Inhibitor and Cytotoxin against the Cisplatin-Resistant Cell Line. *ACS Omega*, **2019**, 4, 17581-17587	3.9	3
381	Synthesis of N-(4-oxo(thioxo)-1,3,5-triazinan-1-yl)arylamides Using Samarium-Containing Catalysts. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 715-719	1.4	3

380	One-pot catalytic synthesis of crown-like macroheterocycles. *Russian Journal of Organic Chemistry*, **2017**, 53, 1578-1582	0.7	3
379	Synthesis and transformations of metallacycles. 45. Cross-cyclomagnesiation of 1,2-dienes in the synthesis of 5Z,9Z-dienoic acids, efficient inhibitors of human topoisomerase I. *Russian Chemical Bulletin*, **2015**, 64, 2135-2140	1.7	3
378	New procedure for synthesis alkyl esters of 5-acetyl-2-furan-carboxylic acid alkyl ester. *Russian Journal of Applied Chemistry*, **2009**, 82, 340-342	0.8	3
377	First examples of hydroxycyclopropanation in the series of lupane triterpenoids. *Russian Journal of Organic Chemistry*, **2009**, 45, 1464-1467	0.7	3
376	Cyclodimerization of □-methylstyrene under homogeneous and heterogeneous acid catalysis conditions. *Petroleum Chemistry*, **2009**, 49, 306-310	1.1	3
375	Alk-2-yn-1-amines in the synthesis of substituted quinolines in the presence of palladium complexes. *Russian Journal of Organic Chemistry*, **2010**, 46, 422-426	0.7	3
374	Synthesis of novel bioconjugates of □-tocopherol with lupane triterpenoids. *Russian Chemical Bulletin*, **2010**, 59, 241-250	1.7	3
373	Cycloaddition of diazoacetates to C60 fullerene catalysed by Pd complexes. *Russian Chemical Bulletin*, **2010**, 59, 1959-1963	1.7	3
372	Crystallization of X-type zeolite from concentrated sodium silicate and aluminate solutions. *Russian Journal of Applied Chemistry*, **2007**, 80, 498-500	0.8	3
371	Oxidation of adamantane with hypobromous acid generated in situ from CHnBr4□ and H2O in the presence of molybdenum complexes. *Russian Journal of Organic Chemistry*, **2007**, 43, 623-624	0.7	3
370	Synthesis of 1,2,3,4-tetrasubstituted aluminacyclopent-2-enes using Cp2ZrCl2 as catalyst. *Russian Journal of Organic Chemistry*, **2007**, 43, 1804-1808	0.7	3
369	The in vitro resistance of oxidized hyaluronic acid to testicular hyaluronidase. *Doklady Biochemistry and Biophysics*, **2007**, 417, 341-2	0.8	3
368	New method for cycloalumination of disubstituted acetylenes with 1,2-dichloroethane. *Russian Journal of Organic Chemistry*, **2008**, 44, 781-784	0.7	3
367	Cyanation of adamantane and diamantane with acetonitrile and tetrabromomethane in the presence of Mo(CO)6. *Russian Journal of Organic Chemistry*, **2008**, 44, 1084-1086	0.7	3
366	Intermolecular cycloalumination of cyclic and acyclic alkynes with Et n AlCl3□ in the presence of Cp2ZrCl2. *Russian Journal of Organic Chemistry*, **2008**, 44, 1291-1295	0.7	3
365	Interaction of LnCl3 □6H2O crystal hydrates with the alkoxy derivatives of aluminum in organic solvents. *Kinetics and Catalysis*, **2006**, 47, 737-743	1.5	3
364	Chemical modification of heparin. *Russian Journal of Bioorganic Chemistry*, **2006**, 32, 472-477	1	3
363	The Mn(acac)3□RCN□CCl4 system as a new efficient reagent for the oxidation of secondary alcohols into ketones. *Russian Chemical Bulletin*, **2002**, 51, 1065-1067	1.7	3

362	Synthesis and transformations of metallacycles. 28. Reactions of allenes with EtAlCl2 and Et2AlCl catalyzed by Ti and Zr complexes. *Russian Chemical Bulletin*, **2002**, 51, 2255-2260	1.7	3
361	Synthesis and transformations of metallacycles. 27. Quantum-chemical study of the mechanism of styrene catalytic cyclometallation with triethylaluminum in the presence of Cp2ZrCl2. *Russian Chemical Bulletin*, **2001**, 50, 2336-2345	1.7	3
360	Synthesis and transformations of metallacycles. 23. Cp2TiCl2-Catalyzed cyclometallation of fullerene C60 with EtAlCl2. *Russian Chemical Bulletin*, **2001**, 50, 297-299	1.7	3
359	Synthesis and transformation of metallacycles. 25. On a mechanism of the Ni(acac)2-catalyzed conversion of 3-alkyl-1-ethylalumacyclopentanes into 1,1-disubstituted cyclopropanes. *Russian Chemical Bulletin*, **2001**, 50, 1465-1468	1.7	3
358	Synthesis and transformations of metallacycles. *Russian Chemical Bulletin*, **1999**, 48, 567-569	1.7	3
357	Synthesis and transformations of metallocycles. *Russian Chemical Bulletin*, **1995**, 44, 113-115	1.7	3
356	Synthesis and transformations of metallocycles. *Russian Chemical Bulletin*, **1995**, 44, 1501-1507	1.7	3
355	Reaction of diazoalkanes with unsaturated compounds. 11. Relative reactivity of olefins on catalytic cyclopropanation with diazomethane and palladium catalysts. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1846-1852		3
354	Pheromones of insects and their analogs. XX. Methyl-branched pheromones based on 4-methyltetrahydropyran.. *Chemistry of Natural Compounds*, **1989**, 25, 236-239	0.7	3
353	Cooligomerization of allyl acetate with norbornadiene and its derivatives catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 137-142		3
352	Regioselective hydroalumination of unsaturated hydrocarbons by alkylalanes catalyzed by zirconium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1004-1009		3
351	Transformations of tetracyclo [3.2.0.02,7.04,6]-heptane (quadricyclane) catalyzed by Pd2+ and Pd0 complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 433-435		3
350	Homodimerization of bicyclo[2.2.1]-2-heptene in presence of complex nickel catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 854-856		3
349	New reagent for epoxidation of Δ5-steroids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 857-858		3
348	Production of regular, linear isoprene oligomers in the presence of nickel-containing homogeneous catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 509-512		3
347	Telomerization of conjugated dienes and trienes with pyrazolines catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 473-476		3
346	Influence of the basicity of amines on the direction and structural selectivity of their telomerization with butadiene in the presence of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 148-152		3
345	Pentafluoroperoxybenzoic acid □A new highly active and stable oxidizing reagent. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1051-1054		3

344	Telomerization of cyclic and linear glycols with butadiene, catalyzed by phosphine complexes of palladium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1506-1510		3
343	New method of □alkylation of □-olefins using dialkylaluminum chlorides with catalytic amounts of Ti, Zr, and Hf complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 281-284		3
342	Reaction of Zn and Mg hydrides with 1-hexene catalyzed by transition-metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 638-638		3
341	Hydromagnesation of unsaturated compounds using diethylamino-magnesium hydride, catalyzed by transition metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1724-1726		3
340	Reaction of secondary amines with cyclic. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 2190-2193		3
339	Reaction of 2-vinylfuran with ethylene catalyzed by complexes of nickel and rhodium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 2009-2009		3
338	Oxidation with p-(methoxycarbonyl) perbenzqic acid 1. Stereochemistry of epoxidation of □-steroids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 387-389		3
337	New method for dehydrogenation of 1,4-dihydropyridines to pyridines using homogeneous complex palladium catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 585-587		3
336	Synthesis of N-aryl-substituted pyrrolidines and piperidines by reaction of anilines with □,□diols catalyzed by FeCl3.6H2O in carbon tetrachloride. *Arkivoc*, **2014**, 2014, 341-350	0.9	3
335	Samarium(III) nitrate-catalyzed one-pot synthesis of 42-membered N,S,O-containing cyclophanes. *Arkivoc*, **2016**, 2016, 48-57	0.9	3
334	A new stereoselective synthesis of biologically active di- and trienoic acids containing a (1Z,5Z)-diene moiety. *Mendeleev Communications*, **2017**, 27, 234-236	1.9	3
333	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. *Tetrahedron*, **2020**, 76, 130996	2.4	3
332	One-pot Modification of Terpene's Methylenecyclobutane Derivatives. *Journal of Heterocyclic Chemistry*, **2016**, 53, 1750-1760	1.9	3
331	Selective cycloaddition of aryl azides to fullerene C60 in the presence of Cu(OTf)2. *Russian Journal of Organic Chemistry*, **2016**, 52, 118-120	0.7	3
330	Selective hydroxylation of diamantane with 2,3,4,5,6-pentafluoroperbenzoic acid in the presence of molibdenum complexes. *Russian Journal of Organic Chemistry*, **2016**, 52, 1121-1125	0.7	3
329	Intramolecular mobility of □(5)-ligands in chiral zirconocene complexes and the enantioselectivity of alkene functionalization by organoaluminum compounds. *Dalton Transactions*, **2016**, 45, 12814-26	4.3	3
328	Stereoselective synthesis and antitumor activity of macrodiolides containing 1Z,5Z-diene and 1,3-diyne moieties. *Mendeleev Communications*, **2019**, 29, 613-615	1.9	3
327	A new synthesis method of N-substituted spiro terpene aza-diperoxides. *Chemistry of Heterocyclic Compounds*, **2019**, 55, 1111-1119	1.4	3

326	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). *Journal of Organic Chemistry*, **2018**, 83, 459-462	4.2	3
325	An original catalytic synthesis of boriran-1-ols. *Mendeleev Communications*, **2018**, 28, 577-578	1.9	3
324	Pentafluoroperbenzoic acid as the efficient reagent for Baeyer Villiger oxidation of cyclic ketones. *Mendeleev Communications*, **2018**, 28, 644-645	1.9	3
323	A New One-Pot Synthesis of Tetrasubstituted Pyrazines by the Ti-Catalyzed Reaction of Aromatic and Benzyl-Substituted Nitriles with EtAlCl2. *ChemistrySelect*, **2018**, 3, 11451-11453	1.8	3
322	Cyclothiomethylation of primary amines with formaldehyde and aromatic dithiols an effective method for the synthesis of cyclophanes. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 744-750	1.4	3
321	Synthesis of C Fullerene-Quadricyclane Hybrid Compound and Its Preliminary In Vitro Antitumor Activity in Combination with Cisplatin. *ACS Omega*, **2019**, 4, 15929-15934	3.9	2
320	Hybrid molecules based on fullerene C60 and 5Z,9Z-dienoic acids: Synthesis and cytotoxic activity. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127289	2.9	2
319	Hydrazines in the Synthesis of Cytotoxic N-Aryl(alkyl)-N-(hexaoxazadispiroalkyl)amines. *Russian Journal of Organic Chemistry*, **2020**, 56, 797-801	0.7	2
318	New 1,3-Diynoic Derivatives of Natural Lembehyne B: Stereoselective Synthesis, Anticancer, and Neuritogenic Activity. *ACS Omega*, **2020**, 5, 1974-1981	3.9	2
317	Catalytic cycloalumination of 1,2-dienes in the total synthesis of natural grenadamide and lyngbyoic acid. *Russian Chemical Bulletin*, **2020**, 69, 386-389	1.7	2
316	New 1Z,5Z-diene macrodiolides: Catalytic synthesis, anticancer activity, induction of mitochondrial apoptosis, and effect on the cell cycle. *Bioorganic Chemistry*, **2020**, 99, 103832	5.1	2
315	One-pot synthesis of azacyclodiynes by reaction of ,diacetylenes with 1,5,3-dioxazepanes using copper-containing catalysts. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 86-88	1.4	2
314	Self-association processes of substituted alumolanes in non-polar solvents. *Journal of Organometallic Chemistry*, **2018**, 867, 170-182	2.3	2
313	Efficient synthesis of cyclophanes containing sulfur and nitrogen atoms by cycloaminomethylation of benzenedithiols in the presence of samarium-based catalysts. *Russian Journal of Organic Chemistry*, **2016**, 52, 1419-1426	0.7	2
312	Catalytic cyclometallation in steroid chemistry IV: Efficient method for the synthesis of tetrahydrothiophene, tetrahydroselenophen and cyclopentanone derivatives of (5)-cholestane. *Steroids*, **2016**, 108, 77-84	2.8	2
311	Catalytic [6 + 2]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
310	Cp2TiCl2-catalyzed borylation and hydroboration of -olefins with dichloro(diisopropylamino)borane. *Journal of Organometallic Chemistry*, **2019**, 898, 120858	2.3	2
309	The efficient method for the preparation of alkenylsilanes from organoaluminums. *Journal of Organometallic Chemistry*, **2014**, 763-764, 14-19	2.3	2

308	Synthesis and transformations of metallacycles 46. Catalytic cycloalumination reaction in the synthesis of bis(phospholanes). *Russian Chemical Bulletin*, **2015**, 64, 2493-2497	1.7	2
307	Hydrazines in the synthesis of 1,5,3-dithiazepane and 1,5,3-dithiazocane derivatives in the presence of catalysts under the action of d- and f-elements. *Russian Journal of Organic Chemistry*, **2014**, 50, 187-190	0.7	2
306	DFT and ab initio study on mechanism of olefin hydroalumination by XAlBui2 in the presence of Cp2ZrCl2 catalyst. III. Efficiency of transmetallation in Cp2ZrRClXAlBui2 system. *Journal of Organometallic Chemistry*, **2012**, 718, 117-123	2.3	2
305	Hydroacetoxylation of olefins with acetic acid genetated in situ from vinyl acetate in the presence of ruthenium complexes. *Russian Journal of Organic Chemistry*, **2011**, 47, 155-160	0.7	2
304	Reactions of phosphines with aluminum carbenoids. *Russian Journal of Organic Chemistry*, **2011**, 47, 295-297	0.7	2
303	Synthesis of cyclopropane-containing organoaluminum compounds by the reaction of acetylenes with CH2I2 and Et3Al. *Russian Chemical Bulletin*, **2009**, 58, 1349-1352	1.7	2
302	Synthesis of new polyfunctional additives to lubricating oils. *Russian Journal of Applied Chemistry*, **2009**, 82, 94-97	0.8	2
301	Joint cycloalumination of ethylene and other unsaturated compounds with EtAlCl2 in the presence of Cp2ZrCl2. Synthesis of aluminacarbocycles. *Russian Journal of Organic Chemistry*, **2010**, 46, 474-479	0.7	2
300	An unusual reaction of propargylamines with CH2I2 and Et3Al. *Russian Chemical Bulletin*, **2010**, 59, 1668-1670	1.7	2
299	13C NMR spectra and electronic structure of alkenylalanes. *Russian Chemical Bulletin*, **1997**, 46, 2082-2085	1.7	2
298	(Η5-C5H5)2TiCl2- hydroalumination of α-olefins with Et3Alhydroalumination of α-olefins with Et3Al. *Russian Chemical Bulletin*, **1998**, 47, 691-694	1.7	2
297	Chemically induced dynamic nuclear polarization in the dehalogenation of gem-dihalocyclopropanes under the action of i-Bu2AlH in the presence of Zr(acac)4. *Kinetics and Catalysis*, **2007**, 48, 655-659	1.5	2
296	Butadiene hydroamination with aqueous ammonia catalyzed by palladium(II) sulfoxide complexes. *Russian Journal of Organic Chemistry*, **2007**, 43, 775-776	0.7	2
295	Crystal hydrates LnCl3·6H2O and Ln(NO3)3·6H2O as catalysts in the synthesis of 2,3,5-trialkylpyridines by reaction of ammonia with aliphatic aldehydes. *Russian Journal of Organic Chemistry*, **2007**, 43, 1417-1418	0.7	2
294	Synthesis of 2-ethyl-3,5-dimethylpyridine by heterocyclization of allylamine, cyclopropylamine, and diallylamine in the presence of palladium complexes. *Russian Journal of Organic Chemistry*, **2008**, 44, 1831-1835	0.7	2
293	Modeling of gas-liquid α-pinene hydrogenation in tubular reactors. *Doklady Chemistry*, **2006**, 406, 26-29	0.8	2
292	Cp2TiCl2-catalyzed hydroalkylation of cycloalkenes with t-BuBr-Et3Al. *Russian Journal of Organic Chemistry*, **2006**, 42, 1858-1860	0.7	2
291	Dimerization of α-methylstyrene on high-silica zeolites. *Petroleum Chemistry*, **2006**, 46, 332-337	1.1	2

290	Chemiluminescence during thermolysis of fullerene C60 derivatives containing reactive oxygen. *Russian Chemical Bulletin*, **2004**, 53, 1768-1769	1.7	2
289	Simulation of the molecular and electronic structure of C60 fullerene □complex with twelve half-sandwich species FeC5H5. *Russian Chemical Bulletin*, **2002**, 51, 770-773	1.7	2
288	Cp2TiCl2-Catalyzed hydroalkylation of □-olefins with ButBr□t3Al. *Russian Chemical Bulletin*, **2002**, 51, 833-835	1.7	2
287	Synthesis and transformations of metallacycles. 31. Catalysts based on cobalt complexes in reactions of trialkyl- and alkylhaloalanes with olefins, allenes, and acetylenes. *Russian Chemical Bulletin*, **2003**, 52, 2434-2439	1.7	2
286	Catalytic ring opening of acetylcyclopropane by water and alcohols under the action of copper or palladium salts. *Russian Chemical Bulletin*, **2001**, 50, 1242-1247	1.7	2
285	Transformations of cycloalkanes under the action of organoaluminum compounds and transition metal complexes in the presence of polychloromethanes. *Russian Chemical Bulletin*, **2001**, 50, 1326-1329	1.7	2
284	Synthesis and transformations of metallocycles. *Russian Chemical Bulletin*, **1999**, 48, 774-780	1.7	2
283	Regioselective cyclopropane cleavage in heptacyclo[8.4.O.O2,12.O3,8.O4,6.O5,9.O11,13]tetradecane (binor-s) by the action of palladium, rhodium, and platinum catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical*		2
282	Synthesis of new types of strained hydrocarbons by cyclo-codimerization of quadricyclane with norbornenes and their derivatives, catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 2247-2251		2
281	Synthesis of cyclohepta-1,3,5-trienes by the reaction of aromatic hydrocarbons with diazo compounds in the presence of transition metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 945-950		2
280	Insect phermones and their analogues XXXVIII. Synthesis of (±)-3-methylheneicosan-2-one and (±)-2-acetoxy-3,7-dimethylpentadecane using the reductive □vinylation of □-olefins. *Chemistry of Natural Compounds*, **1992**, 28, 496-499	0.7	2
279	Metal complex-catalyzed synthesis of dihydrothiapyrans from dialkyl sulfoxides and 1,3-dienes. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 128-134		2
278	The First Synthesis of Norbornadiene Tetramers. *Mendeleev Communications*, **1992**, 2, 56-57	1.9	2
277	Interaction of vinylpyridines with 1,3-dienes catalyzed by transition metal complexes. *Russian Chemical Bulletin*, **1993**, 42, 872-878	1.7	2
276	Metathesis of spirocyclo[2.2.1]hept-2-ene-7,1'-cyclopropane. *Russian Chemical Bulletin*, **1993**, 42, 124-125	1.7	2
275	Reactions of heptacyclo[8.4.0.02,12.03,8.04,6.05,9.011,13]tetradecane (binor-s) with acids and alcohols catalyzed by Pd, Rh, and Pt complexes and some transformations of the compounds formed. *Russian Chemical Bulletin*, **1993**, 42, 692-697	1.7	2
274	Interaction of diazoalkanes with unsaturated compounds. *Russian Chemical Bulletin*, **1993**, 42, 697-700	1.7	2
273	Cross coupling of magnesium diacetylenides with functional allylic and halide-containtng-compounds catalyzed by transition metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 397-401		2

272	Controlled alkylation of hydroxylamines with butadiene catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2059-2061		2
271	Novel palladium complex-catalyzed reaction of magnesium amides with allylic electrophiles. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 365-368		2
270	Intramolecular catalytic cyclization of substituted 2-alkenylanilines. *Chemistry of Heterocyclic Compounds*, **1987**, 23, 420-422	1.4	2
269	Highly selective method for the synthesis of substituted alkylpyridines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2343-2346		2
268	Electrochemical study of nickel complexes in Ziegler-type catalytic systems. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 1186-1189		2
267	Cyclic homo- and codimerization of 1,2-dimethylenecyclobutane with 1,3-dienes catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 2094-2099		2
266	Cross coupling of organoaluminum compounds with phenyl allyl sulfone, catalyzed by transition metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 625-627		2
265	Telomerization of formamide with butadiene, catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 653-655		2
264	Synthesis of higher N-alkenylsulfamides using complex palladium catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2563-2570		2
263	Negative ion mass spectroscopy of several cyclic sulfones. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2291-2295		2
262	Activation of CO2 in reaction with butadiene catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2102-2106		2
261	Cyclic homo- and cooligomerization of 2-cyclopropylbutadiene with 1,3-dienes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 2450-2452		2
260	Chemiluminescence in the oxidation of organoaluminum compounds by oxygen. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 2471-2471		2
259	Mechanism of tee cyclooligomerization of butadiene in the presence of low-valence nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 1056-1062		2
258	Asymmetric amination of butadiene by secondary amines, catalyzed-by low-valence nickel chiral complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 1943-1948		2
257	Reaction of butanethiol with butadiene, catalyzed by low-valent palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 2213-2213		2
256	Hydroalumination of cycloolefins by diisobutylaluminum hydride catalyzed by zirconium compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 596-599		2
255	Synthesis of unsaturated alcohols by telomerization of H2O with 1,3-dienes catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 525-529		2

254	Electrochemical reduction of palladium (II) complexes with benzonitrile and organophosphorus ligands in an aprotic medium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 2022-2028		2
253	Oxidation of polyunsaturated ethers and esters by molecular oxygen catalyzed by palladium salts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 307-312		2
252	Cooligomerization of trans-piperylene with ethylene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1974**, 23, 207-208		2
251	Cyclic cooligomerization of 2-vinylfuran with butadiene, catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1974**, 23, 2081-2081		2
250	Preparation of butadiene cyclotetramers on complex nickel catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 2518-2518		2
249	Asymmetric induction in linear cooligomerization reaction of butadiene with morpholine catalyzed by a nickel-chiral phosphite complex. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 2270-2270		2
248	Isomerization of unsaturated compounds with potassium tert-butoxide and transition-metal complexes in hexamethylphosphoric triamide solution. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 547-551		2
247	Nickel-complex-catalyzed addition of methanol to esters of □,□unsaturated acids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 327-330		2
246	Linear cooligomerization of butadiene with acrylates having various structures in the presence of nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 1415-1420		2
245	Cyclic cooligomerization of 2-vinylthiophene with butadiene catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 1287-1287		2
244	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. *ACS Omega*, **2020**, 5, 31440-31449	3.9	2
243	Effective one-pot synthesis of 2,3-dialkyl-1,4-dicyclopropyl-butane-1,4-diones catalyzed by Cp2TiCl2. *Mendeleev Communications*, **2016**, 26, 223-225	1.9	2
242	Diversity-oriented synthesis of spirothiazolidinediones and their biological evaluation. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 2774-2781	2.5	2
241	Carbozincation of Substituted 2-Alkynylamines, 1-Alkynylphosphines, 1-Alkynylphosphine Sulfides with Et2Zn in the Presence of Catalytic System of Ti(O-iPr)4 and EtMgBr. *Catalysts*, **2019**, 9, 1022	4	2
240	Natural compounds with bis-methylene-interrupted Z-double bonds: plant sources, strategies of total synthesis, biological activity, and perspectives. *Phytochemistry Reviews*, **2021**, 20, 325-342	7.7	2
239	Catalytic synthesis of benzannelated macrocyclic di- and triperoxides based on phenols. *New Journal of Chemistry*, **2021**, 45, 2069-2077	3.6	2
238	Alkylation of Benzene with Cyclopropane-Containing Polycyclic Hydrocarbons under the Action of the [Et3NH]+[Al2Cl7]□Ionic Liquid. *ChemistrySelect*, **2018**, 3, 9600-9602	1.8	2
237	Catalytic thiomethylation of N-substituted ureas and thioureas with N,N,N?,N?-tetramethylmethanediamine and □,□alkanedithiols. *Russian Journal of Organic Chemistry*, **2017**, 53, 315-321	0.7	1

236	Electrochemical and electrophysical properties of aminomethano- and tetrahydropyridino-C 60 -fullerenes. *Mendeleev Communications*, **2017**, 27, 201-203	1.9	1
235	Hexahydrohexaazaheptalenobis[1,10-ab]phenalenes A New Type of Azapolycycles. *Russian Journal of Organic Chemistry*, **2019**, 55, 1099-1102	0.7	1
234	Circular dichroism spectra of new optically active terpenoid spiro homofullerenes. *Mendeleev Communications*, **2015**, 25, 273-274	1.9	1
233	One-Pot Synthesis of 1-Alkenyl Sulfides from Alkynes and Organic Disulfides with the Use of Organoaluminums. *Synthesis*, **2015**, 47, 2670-2676	2.9	1
232	One-Step Synthesis of Racemic 6-Methyloctan-3-One, an Alarm Pheromone Component of Ants of the Genus Crematogaster. *Chemistry of Natural Compounds*, **2015**, 51, 1006-1006	0.7	1
231	Synthesis of heteroatom-containing pyrrolidine derivatives based on Ti(O-Pr) and EtMgBr-catalyzed carbocyclization of allylpropargyl amines with EtZn.. *RSC Advances*, **2020**, 10, 17881-17891	3.7	1
230	New norbornadiene-tethered fulleropyrrolidines. *Mendeleev Communications*, **2020**, 30, 352-354	1.9	1
229	Pathways of the reaction between N,N-disubstituted propargylic amines and cationic zirconium complexes. *Russian Chemical Bulletin*, **2020**, 69, 61-67	1.7	1
228	Regioselective [6+2]cycloaddition of 1,2-dienes to 7-substituted 1,3,5-cycloheptatrienes catalyzed by Ti(acac)2Cl2Et2AlCl. *Russian Chemical Bulletin*, **2016**, 65, 195-199	1.7	1
227	An original one-pot approach to boronic esters using the titanium-catalyzed reaction of cyclic olefins with alkyldichloroboranes. *Journal of Organometallic Chemistry*, **2018**, 872, 8-11	2.3	1
226	Epoxidation of 4,5-dialkyl-2,3-dihydro-1phosphole 1-oxides. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 205-208	1.4	1
225	Ti-Catalyzed Cross-Cyclomagnesiation of 1,2-Dienes in the Total ,,-Stereoselective Synthesis of Natural Acetogenin-Chatenaytrienin-1. *ACS Omega*, **2019**, 4, 14085-14091	3.9	1
224	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. *Mendeleev Communications*, **2019**, 29, 517-519	1.9	1
223	Zirconium-catalyzed one-pot synthesis of e-spirocyclopropyl-e-caprolactones. *Mendeleev Communications*, **2014**, 24, 226-228	1.9	1
222	Efficient halogenation of unsaturated organoaluminum compounds with sulfonyl halides. *Russian Journal of Organic Chemistry*, **2013**, 49, 321-326	0.7	1
221	Cycloadducts of fullerene C60 with trolox and tocopherol diazo derivatives: synthesis and antioxidant activity. *Russian Chemical Bulletin*, **2013**, 62, 2389-2393	1.7	1
220	Synthesis and transformations of metallacycles 44. Cycloalumination of methylenecyclobutane terpene derivatives with Et3Al catalyzed by Cp2ZrCl2. *Russian Chemical Bulletin*, **2015**, 64, 1581-1590	1.7	1
219	Unusual reaction of adamantane-1-carboxylic acid and adamantane-1-carbonyl chloride with acetonitrile and carbon tetrachloride in the presence of VO(acac)2. *Russian Journal of Organic Chemistry*, **2012**, 48, 1252-1253	0.7	1

218	A kinetic model of the dimerization of □-methylstyrene in the presence of high-silica zeolite Y. *Petroleum Chemistry*, **2012**, 52, 426-431	1.1	1
217	The Cp2ZrCl2-catalyzed cycloalumination of functionally substituted olefins with triethylaluminum. *Russian Chemical Bulletin*, **2011**, 60, 1628-1632	1.7	1
216	Addition of CCl4 to olefins catalyzed by chromium and ruthenium complexes: The influence of water as a nucleophilic additive. *Petroleum Chemistry*, **2009**, 49, 331-338	1.1	1
215	Conjugation of 3?-azido-3?-deoxythymidine with heparin. *Doklady Chemistry*, **2008**, 419, 95-97	0.8	1
214	A synthetic combination of □-tocopherol with betulonic acid as an example of lupane triterpenoids. *Doklady Chemistry*, **2008**, 423, 319-322	0.8	1
213	Reactions of lanthanide acetylacetonates with triethylaluminum. *Kinetics and Catalysis*, **2008**, 49, 299-304	1.5	1
212	Synthesis and transformations of 20-oxo-30-nortaraxasteryl acetate derivatives. *Russian Journal of Organic Chemistry*, **2007**, 43, 363-369	0.7	1
211	Specificity of the thiomethylation of 1,2-diamines with formaldehyde and hydrogen sulfide. *Russian Journal of Organic Chemistry*, **2007**, 43, 940-942	0.7	1
210	Catalytic [3+2]-cycloaddition of dialkyl, diallyl, and dibenzyl sulfides to fullerene C60. *Russian Journal of Organic Chemistry*, **2007**, 43, 1878-1879	0.7	1
209	Conjugation of chondroitin sulfates with amines. *Russian Journal of Bioorganic Chemistry*, **2008**, 34, 632-637	1	1
208	Addition of water and carbon tetrachloride to cyclododecene in the presence of chromium catalysts. *Russian Journal of Organic Chemistry*, **2008**, 44, 1240-1242	0.7	1
207	Transformations of Cyclohexane under the Action of in situ Generated Aluminum Halides. *Russian Journal of Applied Chemistry*, **2004**, 77, 1130-1135	0.8	1
206	Codimerization of quadricyclane withendo,exo-hexacyclo[9.2.1.02,10.03,8.04,6.05,9]tetradec-12-ene catalyzed by the Pd(PPh3)4 complex. *Russian Chemical Bulletin*, **1994**, 43, 1871-1872	1.7	1
205	Regio- and stereoselective method for the synthesis of 6□,7□-methylene-6,7-dihydrothebaine. *Russian Chemical Bulletin*, **1994**, 43, 509-510	1.7	1
204	Vinylation and acylation of adamantane by vinyl acetate through the action of rhodium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 2527-2527		1
203	New efficient method for the synthesis of haloadamantanes involving rhodium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 2528-2529		1
202	Hydrochlorination of unsaturated compounds by the action of CH2Cl2 or CHCl3 and rhodium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1213-1217		1
201	Synthesis of substituted quinolines via the condensation of anilines with aliphatic and aromatic aldehydes in the presence of transition metal and rare-earth metal catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1248-1253		1

200	Insect pheromones and their analogues. *Chemistry of Natural Compounds*, **1991**, 27, 500-502	0.7	1
199	An unusual new reaction of α-olefins with magnesiumn-alkyl derivatives catalyzed by Cp2ZrCl2. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 936-944		1
198	Synthesis and conversions of metallocycles. 8. Regioselective hydrovinylation of α-olefins with the participation of metallocomplex catalysts. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 297-299		1
197	Synthesis and conversions of metallocycles. XII.13C NMR spectra of tri- and tetracyclic organoaluminum compounds with a bridge structure. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 2172-2179		1
196	Cp2ZrCl2-catalyzed hydroalumination of norbornene derivatives withi-Bu2AlCl. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 2217-2223		1
195	Electronic structure of aryl- and carbonyl-containing diazomethane derivatives, as disclosed by photoelectron spectroscopy. *Russian Chemical Bulletin*, **1993**, 42, 281-284	1.7	1
194	Synthesis of cyclic 1,4-disulfides and alkylthiophenes by catalytic thiacyclization of acetylenes with sulfur. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 581-586		1
193	Reactions of diazoalkanes with unsaturated compounds 8. Catalytic cyclopropanation of allyl alcohols and allylamines with diazomethane. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 2518-2521		1
192	Rare earth complexes in the synthesis of quinolines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 2220-2220		1
191	Novel reaction for the preparation of alkyl vinyl sulfides using metal complex catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1854-1861		1
190	Mechanism of telomerization of 1,3-dienes with sulfinic acids, catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1030-1033		1
189	Synthesis of higher unsaturated sulfides using palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 115-120		1
188	A highly selective method for the synthesis of symmetrical trisubstituted pyridines using transition and non-transition metal salts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 629-631		1
187	An efficient method for the synthesis of unsaturated substituted hydrazines using palladium complex catalyst *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2263-2267		1
186	Formation of donor-acceptor complexes of bis(acetylacetonato)-nickel(II) with phosphine and phosphite ligands in acetonitrile. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2412-2413		1
185	Synthesis of complex pyridine bases in the reaction of α,ω-nitrileacetylenes with acetylene, catalyzed by cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1478-1483		1
184	Synthesis of derivatives of indole and quinoline by the intramolecular catalytic cyclization of allylanilines. *Chemistry of Heterocyclic Compounds*, **1986**, 22, 262-264	1.4	1
183	Insect pheromones and their analogues. XVI. Practical synthesis of hexadec-9Z-enal A component of the sex pheromone of the cotton bollwormHeliothis armigera. *Chemistry of Natural Compounds*, **1987**, 23, 242-244	0.7	1

182	Oxidation of unsaturated linear and cyclic hydrocarbons by molecular oxygen catalyzed by complexes of transition metals. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 131-136	1
181	Synthesis of alkyl substituted pyridines by liquid phase condensation of aldehydes with amines under the action of complexed metal catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1893-1895	1
180	Joint catalytic activation of CO2 and NH2 in reaction with butadiene under the action of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 362-364	1
179	Gan original method for the preparation of sulfides and disulfides involving cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1782-1782	1
178	Effective reduction of halogen-containing hydrocarbons by diisobutyl aluminum hydride in the presence of transition metal hydrides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2099-2102	1
177	Synthesis of □-substituted ketones by reaction of metallated ketimines with allyl compounds under the action of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 298-302	1
176	Direct metallation of cyclic conjugated hydrocarbons by highly reactive magnesium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 347-349	1
175	Homodimerization of spiro{bicyclo[2.2.1]Hepta-2,5-Diene-7,1?-cyclopropane}, catalyzed by group VIII transition metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2337-2343	1
174	Oxidation of unsaturated tertiary amines, amides, and imides by molecular oxygen catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1929-1932	1
173	New hydrocarbons in the synthesis of adamantanoids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1932-1935	1
172	13C-NMR spectra of organomagnesium compounds, alkylmagnesium derivatives. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 458-461	1
171	New method for the synthesis of 1,4-enynes by the cross-coupling of magnesium acetylides with allyl compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 835-836	1
170	Regioselective reaction of functionally substituted mono-, di-, and triolefins with alkylmagnesium compounds, catalyzed by Cp2ZrCl2. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 1873-1879	1
169	13C NMR spectra of polycyclic compounds and the stereochemistry of norbornadiene dimers and trimers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 2281-2286	1
168	Telomerization of alkane- and arenesulfonamides with butadiene catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 339-343	1
167	Catalytic reaction of □allyl complexes of palladium with allyl O and N nucleophiles, a new promising route for synthesis of C16 amines and ethers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2560-2563	1
166	New modification of gabriel reaction in synthesis of primary unsaturated amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1937-1940	1
165	Carbomagnesiation of several norbornene derivatives catalyzed by Cp2ZrCl2. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1310-1312	1

164	Reactions of organic hydrotrioxides with tertiary amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2263-2267	1
163	Cyclopentadienyl derivatives of magnesium and sodium in cross-combination reaction with allyl compounds catalyzed by Pd complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2374-2378	1
162	Telomerization of allene with water catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2431-2433	1
161	Photoelectronic spectroscopy and mass spectroscopy of the negative ions in molecules of cyclopropyl-substituted butadienes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 69-73	1
160	Specific features of polymerization and copolymerization of several dienes on lanthanide catalyst. *Polymer Science USSR*, **1985**, 27, 1348-1353	1
159	Reaction of C6H5MgBr with butadiene in the presence of Ni(O) complexes as a new route to phenylpolyene hydrocarbons. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 859-861	1
158	Cyclooligomerization of 1-vinyl-1-cyclopentene catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 102-105	1
157	New method for inserting ethyl group in □position of higher □-olefins using diethylaluminum chloride. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 2441-2442	1
156	Linear dimerization and codimerization of substituted 1,3-dienes catalyzed by zirconium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 1909-1912	1
155	Reaction of 3-sulfolene with 1,3-dienes, catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 1312-1317	1
154	Cyclodimerization of butadiene in presence of secondary amines and catalyzed by chiral nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 944-947	1
153	Catalytic synthesis of unsaturated tertiary amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 263-266	1
152	The copolymerization of butadiene and isoprene with their linear and cyclic dimers on Ziegler-Natta catalysts. *Polymer Science USSR*, **1980**, 22, 426-432	1
151	Dimerization and codimerization of higher □-olefins, catalyzed by zirconium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 1638-1640	1
150	Codimerization of C6-C10 □-olefins with butadiene using zirconium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1132-1134	1
149	Cyclodimerization of □,□cyanoacetylenes, catalyzed by low-valence cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1709-1710	1
148	Reactions of organomagnesium compounds with allyl sulfones, catalyzed by transition metal salts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 2104-2107	1
147	Synthesis of aromatic and heteroaromatic unsaturated sulfones using palladium complex catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 2107-2114	1

146	Insect pheromones and their analogs. VIII. Synthesis of the (Z) and (E) isomers of 2-methyloctadec-7-ene and of 2-methyl-7,8-epoxyoctadecane. *Chemistry of Natural Compounds*, **1983**, 19, 593-597	0.7	1
145	Isomerization of cis-trans-1,5-cyclododecadiene under the influence of triisobutylaluminum. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1974**, 23, 1140-1140		1
144	Isomerization of 1,5-cyclodecadiene derivatives by triisobutylaluminum. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 1754-1756		1
143	Linear cooligomerization of pentafluorostyrene with butadiene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 1320-1321		1
142	Synthesis and transformations of 2, 5, 10-undecatrienoic acid. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 1899-1903		1
141	Reaction of 2-vinylfuran with formaldehyde catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 683-684		1
140	Mechanism of reaction for cyclocooligomerization of 2-vinylfuran with butadiene catalyzed by nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 1525-1526		1
139	Linear copolymerization of piperylene with propylene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 841-843		1
138	Isomerization of trans-1,4,9-decatriene by triisobutylaluminum. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 2415-2416		1
137	Linear dimerization of 1,3,6-octatriene and 2,6-dimethyl-1,3,6-octatriene in the presence of nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 840-841		1
136	Synthesis of unsaturated amines by reaction of butadiene with primary amines in the presence of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 1251-1255		1
135	Reaction of nickel complexes with trialkylaluminums. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 1200-1205		1
134	Synthesis of linear polyenoic acids by reaction of sulfones with butadiene, catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 806-808		1
133	Reaction of cycloaliphatic secondary amines with butadiene catalyzed by nickel catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 923-927		1
132	Synthesis of nitrogenous heterocycles of a new type by cyclocooligomerization of 1,3-dienes with furfuraldimines in the presence of nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 2284-2288		1
131	Cobalt-Catalyzed Reactions of Propargylamines with Elemental Sulfur. *Russian Journal of Organic Chemistry*, **2019**, 55, 1890-1895	0.7	1
130	Synthesis and antitumor activity of methanofullerenes equipped with norbornadiene and quadricyclane moieties. *Mendeleev Communications*, **2020**, 30, 150-152	1.9	1
129	Chemiluminescence of Lanthanide Ions Ln(n □)+ during Reduction of Lnn+ with a Solvated Electron. *Doklady Physical Chemistry*, **2020**, 494, 147-150	0.8	1

128	Synthesis of fullerenyl-1,2,3-triazoles by reaction of fullerenyl azide with terminal acetylenes. *Organic and Biomolecular Chemistry*, **2021**, 19, 9299-9305	3.9	1
127	New synthetic analogues of natural 5Z,9Z-dienoic acids: Stereoselective synthesis and study of the anticancer activity. *Bioorganic Chemistry*, **2020**, 104, 104303	5.1	1
126	Synthesis and cytotoxic activity of new annulated furazan derivatives. *Mendeleev Communications*, **2021**, 31, 362-364	1.9	1
125	Synthesis of New Functionally Substituted 9-Azabicyclo[4.2.1]nona-2,4,7-trienes by Cobalt(I)-Catalyzed [6 + 2]-Cycloaddition of -Carbocholesteroxyazepine to Alkynes. *Molecules*, **2021**, 26,	4.8	1
124	Cycloalumination of allylbenzenes with triethylaluminum in the presence of Cp2ZrCl2. One-pot synthesis of 2-benzylbutane-1,4-diols as precursors of dibenzylbutane lignans. *Russian Journal of Organic Chemistry*, **2016**, 52, 1750-1755	0.7	1
123	Zirconium-catalyzed alkene cycloalumination for the synthesis of substituted phosphines and their transition metal (Mo, Pd) complexes. *Journal of Organometallic Chemistry*, **2016**, 824, 73-79	2.3	1
122	Synthesis and biological activities of organoaluminum steroids. *Vietnam Journal of Chemistry*, **2018**, 56, 661-666	0.8	1
121	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
120	Catalyzed ring transformation of cyclic -aryl-azadiperoxides with participation of ,dithiols.. *RSC Advances*, **2021**, 11, 4235-4236	3.7	1
119	Synthesis of substituted cyclopropanes from vinylarenes and esters in the presence of Cl n AlEt3 n and Cp2ZrCl2 as catalyst. *Russian Journal of Organic Chemistry*, **2013**, 49, 815-821	0.7	0
118	Catalytic cycloaddition of diazo amides to fullerene C60. *Russian Chemical Bulletin*, **2013**, 62, 104-106	1.7	0
117	Reactions of 1,4-enynes with the system CH2I2-Et3Al. *Russian Chemical Bulletin*, **2011**, 60, 2275-2278	1.7	0
116	Cyclopropanation of alkynols with the CH2I2-R3Al system. *Russian Chemical Bulletin*, **2011**, 60, 313-318	1.7	0
115	One-step synthesis of 3-dichloromethylpyridine from pyridine in the presence of iron-containing catalysts. *Russian Journal of Organic Chemistry*, **2007**, 43, 1821-1824	0.7	0
114	Synthesis and transformations of metallacycles. 30. Aluminacyclopentanes in the synthesis of secondary and tertiary alcohols. *Russian Chemical Bulletin*, **2003**, 52, 2012-2016	1.7	0
113	New Approach to the Synthesis of (2RS,4"R,8"R)--Tocopherol (Vitamin E). *Doklady Chemistry*, **2001**, 380, 255-257	0.8	0
112	CIDNP study of the Ni(acac)2-catalyzed reaction of triethylaluminum with chloroform. *Russian Chemical Bulletin*, **1999**, 48, 995-997	1.7	0
111	Synthesis of unsaturated tertiary amines and -allyl substituted ketones from azomethines using metal complex catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science* , **1990**, 39, 140-144		0

110	Stereoselective synthesis of trisubstituted ethylenes utilizing alkenylmagnesium compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2150-2153		0
109	Synthesis of heterocyclic compounds in the presence of transition metal complexes (review). *Chemistry of Heterocyclic Compounds*, **1980**, 16, 99-113	1.4	0
108	New method of catalytic synthesis of unsaturated alcohols from butadiene and boric acid. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 1283-1283		0
107	Oxidation with p-(Methoxycarbonyl)perbenzoic acid 2. Oxidation of nitrogen heterocycles to the N-oxides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 2070-2071		0
106	Zirconocene dichlorides as catalysts in alkene carbo- and cyclometalation by AlEt: intermediate structures and dynamics. *Dalton Transactions*, **2021**, 50, 15802-15820	4.3	0
105	New n-type semiconductor material based on styryl fullerene for organic field-effect transistors. *Mendeleev Communications*, **2021**, 31, 641-643	1.9	0
104	CpZrCl - EtAl reagent system in the homo-coupling of trimethylsilyl-substituted alkynes.. *RSC Advances*, **2021**, 11, 39518-39522	3.7	0
103	Synthesis and Antitumor Activity Assay of Epoxy Bicyclo[4.2.2]deca-2,4,7,(9)- tri(tetra)enes and Tricyclo[9.4.2.02,10]heptadeca-2,12,14,16-tetraene. *Current Organic Chemistry*, **2019**, 23, 1158-1165	1.7	0
102	Boron-containing small rings: synthesis, properties, and application prospects. *Russian Chemical Bulletin*, **2021**, 70, 1851-1892	1.7	0
101	Zirconium-Catalyzed Reactions of 1-Alkynyl Phosphine Oxides and Sulfides with Et3Al. *Synlett*, **2016**, 27, 2567-2570	2.2	0
100	Niobium- and zirconium-catalyzed reactions of substituted 2 alkynylamines with EtZn.. *RSC Advances*, **2021**, 11, 4631-4638	3.7	0
99	Cobalt(I)-Catalyzed [6+ 2]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. *ACS Omega*, **2021**, 6, 21755-21763	3.9	0
98	,Dienes in Cp2TiCl2-catalyzed synthesis of boriranes. *Journal of Organometallic Chemistry*, **2021**, 950, 121981	2.3	0
97	Cycloaminomethylation of dihydric phenols catalyzed by d- and f-metal compounds. *Russian Journal of Organic Chemistry*, **2017**, 53, 604-609	0.7	
96	On the Two-Route Mechanism of the Reaction of 1-Alkenes with EtMgX Catalyzed by TaCl5. *Russian Journal of General Chemistry*, **2019**, 89, 647-652	0.7	
95	Synthesis of 3-(1-aminoethyl)adamantan-1-ol by hydroxylation of 1-(1-adamantyl)ethanamine hydrochloride (rimantadine). *Russian Journal of Organic Chemistry*, **2015**, 51, 22-25	0.7	
94	Zirconocene-Initiated Intramolecular Hydride Transfer in N-Iso-alkyl-Substituted Propargylamines. *Synlett*, **2018**, 29, 1191-1194	2.2	
93	Zirconium-catalyzed reaction of terminal alkenes with triethylindium. *Russian Journal of Organic Chemistry*, **2013**, 49, 1253-1256	0.7	

92	Synthesis of Betulin Derivatives: N[N-[3-OXO-20(29)-Lupen-28-OYL]-9-Aminononanoyl}3-Amino-3-Phenylpropionic Acid. *Pharmaceutical Chemistry Journal*, **2012**, 46, 473-477	0.9
91	Telomerization of Z,Z-cyclooctadiene with halomethanes catalyzed by chromium, copper, and molybdenum compounds in the presence of water. *Petroleum Chemistry*, **2011**, 51, 435-441	1.1
90	Interaction of terbium acetylacetonate with diethylaluminum chloride. *Kinetics and Catalysis*, **2009**, 50, 508-512	1.5
89	Hydrogenolysis of cycloalkanes over TbCl3BH2OB(RO)2AlOH. *Russian Journal of Organic Chemistry* , **2010**, 46, 1254-1256	0.7
88	Zirconium-mediated cyclomagnesiation of styrene using magnesacyclopentane and 1,4-di(brommagnesium)butane as a method for the preparation of macrocyclic organomagnesium compounds. *Journal of Organometallic Chemistry*, **2010**, 695, 1550-1554	2.3
87	13C NMR spectra of polycyclic compounds. Bicyclo[2.2.1]heptadiene tetramers. *Russian Chemical Bulletin*, **1998**, 47, 2463-2464	1.7
86	Synthesis of Cyclic Chroman Form of Vitamin K1 with Side Chain of Stereochemically Homogeneous (R,R) Configuration. *Doklady Chemistry*, **2003**, 391, 188-190	0.8
85	Synthesis and transformations of metallacycles. 29. Direct alumination of olefins, conjugated dienes, and acetylenes with alkylhaloalanes catalyzed by Zr and Ti complexes. *Russian Chemical Bulletin*, **2003**, 52, 1573-1583	1.7
84	New Enantiospecific Synthesis of (+)-(2R,6R)-(+)-2,6,10-Trimethylundecan-1-ol for Constructing the Side Chain of Natural (2R,4?R,8?R)-(+)--Tocopherol (Vitamin E). *Doklady Chemistry*, **2005**, 403, 144-147	0.8
83	Synthesis of Mordenite-like Zeolite from Secondary Silicon-containing Raw Materials. *Russian Journal of Applied Chemistry*, **2001**, 74, 333-334	0.8
82	Regio- and stereoselective methods of synthesis of higher unsaturated sulfides and amines with participation of metal complex catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 566-572	
81	Stereoselective reduction of gem-dichlorocyclopropanes to cis-monochlorocyclopropanes by lithium aluminum hydride in the presence of titanium and zirconium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1845-1848	
80	Synthesis of ,disubstituted aldehydes involving metallated 1-aza-1,3-butadienes in the presence of phosphine complexes of palladium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 2050-2057	
79	Pheromones of insects and their analogs. XXVIII. Practical synthesis of tetradeca-9Z,12E-dien-1-yl acetate A component of the sex pheromones of insects of the order lepidoptera. *Chemistry of Natural Compounds*, **1991**, 27, 238-240	0.7
78	Synthesis of naphthyridines and phenanthrolines using catalysts based on transition and rare-earth metals. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 895-902	
77	New transformations of vinyl acetate under the influence of the complex Rh(PPh3)3Cl. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1100-1101	
76	New approach to the synthesis of dihydrothiopyrans using cobalt complexes. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 2237-2238	
75	Methylenation of carbonyl compounds with methylenedimagnesium iodide in the presence of Et2AlCl. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 2350-2352	

74 Activation of CS2 in reaction with butadiene catalyzed by palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 347-350

73 New transformation of gem-dichlorocyclopropanes to haloallyl sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 437-437

72 Resonance capture of electrons by molecules of substituted acetylenes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 511-517

71 13C NMR spectra of polycyclic compounds: Stereochemistry of trimers of bicyclo[2.2.1]heptadiene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1792-1796

70 13C NMR Spectra of polycyclic compounds: spiro(bicyclo[2.2.1]heptane-7,1?-cyclopropane) derivatives. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 481-484

69 13C NMR Spectra of polycyclic compounds: stereochemistry of spiro(bicyclo[2.2.1]hepta-2,5-diene-7,1?-cyclopropane) dimers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 484-488

68 A new one-step method for the synthesis of the trimethyl ester of trans-aconitic acid. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 430-430

67 Efficient method for the synthesis of monohalocyclopropanes by reduction of gem-dihalocyclopropanes with i-Bu2AlH in the presence of Ti and Zr complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 967-974

66 Codimerization of 2-cyclopropyl-1,3-butadikne with ethylene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1087-1089

65 A new catalytic reaction of elemental sulfur with acetylenes by the action of cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1104-1104

64 13C-NMR spectra of polycyclic compounds and the stereochemistry of unsaturated derivatives of bicyclo[2.2.1]hept(en)ane and related structures. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 937-942

63 Cross-combination of magnesium diacetylenides with organic halides catalyzed by transition metals complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1888-1892

62 Synthesis of unsaturated sulfides via cross-coupling of Grignard reagents with allylic electrophiles with simultaneous incorporation of sulfur into the metal-carbon bond. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 369-372

61 New preparative method for the synthesis of hexacyclo[6.6.0.02,11.O3,7.O1,9.O10,14] tetradecene-5. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1569-1570

60 1H and13C NMR spectra of biologically active compounds. *Chemistry of Natural Compounds*, **1988**, 24, 376-380 0.7

59 Direct N-alkylation of carbonic acid amides by use of palladium catalyst complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 703-708

58 Synthesis of aryl-substituted pyridines by liquid-phase condensation of aldehydes with urea, catalyzed by transition metal complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2102-2106

57 Efficient method for the preparation of substituted benzaldehydes by the oxidation of cyclooctatetraene, cycloheptatriene and their derivatives by molecular oxygen in the presence of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2165-2167

56 Cyclopropyl-allyl isomerization of cyclopropanated norbornadiene dimers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 947-951

55 Simple method for the synthesis of bicyclic pyridine bases from 1-ethynylcycloalkanols and carboxylic acid chlorides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science* , **1988**, 37, 2347-2349

54 New method for the synthesis of higher unsaturated sulfides and amines involving zirconium and palladium complex catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 2384-2384

53 Cooligomerization of 1,2-dienes with norbornadienes catalyzed by cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1183-1191

52 Dimerization of vinylcyclopropane and its codimerization with 1,3-dienes catalyzed by cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1192-1195

51 Cp2TiCl2-catalyzed hydromagnation of disubstituted acetylenes as a stereo-specific route to Z-alkenes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1936-1939

50 Reactions of 2-hydroxymethylbicyclo[2.2.1]2,5-heptadiene with alkylaluminum chlorides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 553-556

49 Synthesis of functionally substituted pyridines and dipyridyl-substituted compounds with the aid of low-valence cobalt complexes. *Chemistry of Heterocyclic Compounds*, **1984**, 20, 290-295 1.4

48 Linear codimerization of 2-cyclopropyl-1,3-butadiene with methyl acrylate catalyzed by iron and cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 2160-2162

47 Radical nature of chemiluminescence in the process of oxidation of ethylaluminum diethoxide by oxygen. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 1597-1602

46 Reaction of ethyl diazoacetate with allylamines catalyzed by copper and rhodium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 539-543

45 Insect pheromones and their analogues. IX. Stereospecific synthesis of (Z)-dodeca-9,11-dienyl acetate, a component of the sex pheromone of the cotton bollworm mothDiparopsis cactanea. *Chemistry of Natural Compounds*, **1984**, 20, 354-357 0.7

44 Cationic copolymerization of isobutylene with chloronorbornene. *Polymer Science USSR*, **1984**, 26, 671-677

43 Synthesis of polyfunctional mono- and dipyridines using complex cobalt catalysts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1697-1699

42 Oligomerization of butadiene in the presence of metal compounds immobilized on polymeric carriers. Communication 1. Iron complexes immobilized in the bulk of a polymer gel in the reaction of linear dimerization of butadiene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1342-1345

41 Thermal reaction of allylamines with ethyl diazoacetate. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1537-1539

40 Unusual isomerization of exo-exo-tetracyclo-[3.3.1.02,4.06,8]nonane. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 432-433

39 Reaction of ethyl diazoacetate with N-2,7-octadienylanilines catalyzed by compounds of copper. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2555-2559

38	Use of a gas-phase photoadsorption generator of singlet oxygen for the liquid-phase oxidation of organic substrates. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2007-2009	
37	Cross coupling of dialkylmagnesium derivatives with allylic compounds catalyzed by copper salts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 199-201	
36	Insect pheromones and their analogs II. Synthesis of the sex attractant of the gypsy moth - d,l-disparlure. *Chemistry of Natural Compounds*, **1979**, 14, 674-676	0.7
35	Oxidation with p-carbomethoxyperbenzoic acid. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 1437-1439	
34	A new reaction which takes place in the reaction of 3-sulfolenes with butadiene in the presence of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 1684-1687	
33	Positive- and negative-ion mass spectrometry of N-alkenyl-, N-alkadienyl-, and N-cycloalkenyl-substituted cyclic amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 2284-2289	
32	Formylation of secondary amines by the use of DMFA under the action of low-valence nickel complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 1989-1989	
31	Electrochemical reduction of Ni(II) phosphine and phosphite complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 1093-1098	
30	Insect pheromones and their analogs III. Synthesis of the sex attractants of some Lepidoptera. *Chemistry of Natural Compounds*, **1980**, 16, 82-85	0.7
29	Insect pheromones and their analogs. IV. The synthesis of the sex attractant of the honey beeApis mellifera. *Chemistry of Natural Compounds*, **1980**, 16, 293-295	0.7
28	Reaction of mono- and dihydric alcohols with low-valence titanium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 2171-2173	
27	Some thermal transformations of 2-cyclopropyl- and 2,3-dicyclopropyl-1,3-butadienes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1699-1703	
26	Polymerization of methylcyclooctadienes with ring opening. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 112-115	
25	Chemiluminescence of Ru(bpy)3Cl2 complex in heterogeneous systems. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1948-1950	
24	Chemiluminescence during thermal decomposition of (C2H5O)2AlOOC(CH3)3 peroxide and reaction of the peroxide with (i-C4H9)3Al and H2O. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1992-1992	
23	A new approach to the synthesis of optically active disparlures Attractants ofPorthetria dispar. *Chemistry of Natural Compounds*, **1981**, 17, 482-487	0.7
22	[2+2]Catalytic homo- and codimerization of substituted norbornadienes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 795-799	
21	Chemiluminescence during reaction of peroxide (EtO)2AlOOEt with H2O. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1271-1274	

20	Mechanism of linear oligomerization of butadiene, catalyzed by low-valence complexes of cobalt and iron. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1006-1010	
19	Catalyzed hydrometalation of olefins by zinc hydride as a new route to the higher organozinc compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1080-1081	
18	A new trimer of norbornadiene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1097-1097	
17	Mass spectrometry of negative ions of pyridine N-oxides. *Chemistry of Heterocyclic Compounds*, **1974**, 10, 572-575	1.4
16	Cyclotetramerization of butadiene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 423-423	
15	Codimerization of myrcene with methyl acrylate catalyzed by iron and cobalt complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 1447-1449	
14	Mass-spectrometric study of negative ion formation in the series of □-complexes of titanium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 660-661	
13	Mass specteometey of negative ions of some organophosphorus and -boron compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 1991-1993	
12	New method of synthesizing 1,2,5-trisubstituted piperidine derivatives by reaction of 1,3-dienes with urotropin in the presence of palladium complexes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 1255-1259	
11	A new route to the stereospecific synthesis of terpenoid 1,5-polyenes via isoprene cyclooligomers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 767-769	
10	Insect pheromones and their analogs I. Synthesis of the sex attractant of the codling moth. *Chemistry of Natural Compounds*, **1978**, 14, 101-102	0.7
9	New method for the preparation of N-oxides of aromatic nitrogenous heterocycles. *Chemistry of Heterocyclic Compounds*, **1971**, 7, 945-945	1.4
8	Dehydrogenation of 1,4-dihydropyridine derivatives by the action of hydroperoxides in the presence of metal salts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1972**, 21, 638-638	
7	A New Method for the Synthesis of Diphosphine Dioxides with a 1,3-Butadiene Spacer from 1-Phosphinyl-2-arylacetylenes Using the Cp2ZrCl2–EtAlCl2–Mg System. *Doklady Chemistry*, **2020**, 494, 155-158	0.8
6	Synthesis and cytotoxic activity of new annulated furazan derivatives. *Mendeleev Communications*, **2021**, 31, 362-364	1.9
5	Transition metal halide promoted hydride transfer in N,N-diisoalkyl-N-propargylamines. *Mendeleev Communications*, **2021**, 31, 46-47	1.9
4	A novel approach for the synthesis of C60 fullerenes containing strained 2,3-dimethylenebicyclo[2,2,0]hexane fragments. *New Journal of Chemistry*, **2021**, 45, 2939-2942	3.6
3	Synthesis and cytotoxic activity of unsaturated macrolides and their hybrid molecules with a C fullerene. *Organic and Biomolecular Chemistry*, **2021**, 19, 1847-1853	3.9

2	The cyclopropanation of non-activated 1-bromoalkenes by Me3Al–CH2I2 reagent. *Inorganica Chimica Acta*, **2021**, 526, 120539	2.7
1	Synthesis of 1,4,2,6-dithiadiazinane 1,1-dioxide and study of its cytotoxic activity. *Mendeleev Communications*, **2022**, 32, 178-179	1.9