

Roman A Novikov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

2,113
citations

25
h-index

38
g-index

162
ext. papers

2,462
ext. citations

4.1
avg. IF

5.25
L-index

#	Paper	IF	Citations
134	Gallium(iii)-mediated dimerization routes for (5-phenyl-2-thienyl)cyclopropane-1,1-dicarboxylate. <i>Mendeleev Communications</i> , 2022 , 32, 170-172	1.9	0
133	A Three-Component Synthesis of 3-Functionally Substituted 5,6-Dihydropyrrolo[2,1-a]isoquinolines. <i>Chemistry and Biodiversity</i> , 2021 , 19, e2100584	2.5	0
132	Reactions of Styrylmalonates with Aromatic Aldehydes: Detailed Synthetic and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4457-4471	4.2	1
131	Marriage of Peroxides and Nitrogen Heterocycles: Selective Three-Component Assembly, Peroxide-Preserving Rearrangement, and Stereoelectronic Source of Unusual Stability of Bridged Azaazonides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 6634-6648	16.4	4
130	Coupling of Styrylmalonates with Furan and Benzofuran Carbaldehydes: Synthesis and Chemistry of Substituted (4-Oxocyclopent-2-enyl)malonates. <i>Journal of Organic Chemistry</i> , 2021 , 86, 8489-8499	4.2	2
129	GaCl-Mediated Cascade [2 + 4]-Cycloaddition/[4 + 2]-Annulation of Donor-Acceptor Cyclopropanes with Conjugated Dienes: Strategy for the Construction of Benzobicyclo[3.3.1]nonane Skeleton. <i>Journal of Organic Chemistry</i> , 2021 , 86, 8089-8100	4.2	7
128	Dumbbell-Shaped, Graft and Bottlebrush Polymers with All-Siloxane Nature: Synthetic Methodology, Thermal, and Rheological Behavior. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000645	4.8	4
127	Stereoregular cyclic p-tolyl-siloxanes with alkyl, O- and N-containing groups as promising reagents for the synthesis of functionalized organosiloxanes. <i>New Journal of Chemistry</i> , 2021 , 45, 9805-9810	3.6	1
126	Silica-Based Aerogels with Tunable Properties: The Highly Efficient BF ₃ -Catalyzed Preparation and Look inside Their Structure. <i>Macromolecules</i> , 2021 , 54, 1961-1975	5.5	3
125	"Cyclopropanation of Cyclopropanes": GaCl-Mediated Ionic Cyclopropanation of Donor-Acceptor Cyclopropanes with Diazo Esters as a Route to Tetrasubstituted Activated Cyclopropanes. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4567-4579	4.2	3
124	Lewis acid mediated Michael addition of non-aromatic multiple C=C bonds to α,β -unsaturated dicarbonyl compounds. <i>Tetrahedron Letters</i> , 2021 , 80, 153272	2	2
123	Synthesis of Substituted Styrylmalonates by Sequential Isomerization of 2-Arylcyclopropane-1,1-dicarboxylates and (2-Arylethylidene)malonates. <i>Synthesis</i> , 2021 , 53, 2253-2259	2.9	3
122	Influence of the N-Ru Coordinate Bond Length on the Activity of New Types of Hoveyda-Grubbs Olefin Metathesis Catalysts Containing a Six-Membered Chelate Ring Possessing a Ruthenium-Nitrogen Bond. <i>Organometallics</i> , 2020 , 39, 4599-4607	3.8	6
121	Construction of siloxane structures with P-Tolyl substituents at the silicon atom. <i>Journal of Organometallic Chemistry</i> , 2020 , 926, 121497	2.3	2
120	Diels-Alder reaction in the ionic version: GaCl ₃ -promoted formation of substituted cyclohexenes from donor-acceptor cyclopropanes and dienes. <i>Tetrahedron Letters</i> , 2020 , 61, 151990	2	11
119	Stereoregular cyclic p-tolyl-containing siloxanes as promising reagents for synthesizing functionalized organosiloxanes. <i>Journal of Organometallic Chemistry</i> , 2020 , 914, 121223	2.3	2
118	Structural and Functional Aspects of G-Quadruplex Aptamers Which Bind a Broad Range of Influenza A Viruses. <i>Biomolecules</i> , 2020 , 10,	5.9	5

117	New steroidal oxazolines, benzoxazoles and benzimidazoles related to abiraterone and galeterone. <i>Steroids</i> , 2020 , 153, 108534	2.8	7
116	Convenient synthesis of furo[2,3-c][1,2]dioxoles from 1-aryl-2-allylalkane-1,3-diones. <i>Mendeleev Communications</i> , 2020 , 30, 607-609	1.9	0
115	Synthesis of the Cationic Gallium Phthalocyanines and Their Catalytic Application in Gallium(III)-Activated Processes for Donor-Acceptor Substrates. <i>Organometallics</i> , 2020 , 39, 2580-2593	3.8	7
114	Application of New Efficient Hoveyda-Grubbs Catalysts Comprising an N-Ru Coordinate Bond in a Six-Membered Ring for the Synthesis of Natural Product-Like Cyclopenta[furo[2,3-]pyrroles. <i>Molecules</i> , 2020 , 25,	4.8	3
113	Donor-Acceptor Bicyclopropyls as 1,6-Zwitterionic Intermediates: Synthesis and Reactions with 4-Phenyl-1,2,4-triazoline-3,5-dione and Terminal Acetylenes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15562-15576	4.2	6
112	Raise the anchor! Synthesis, X-ray and NMR characterization of 1,3,5-triazinanes with an axial tert-butyl group. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 8386-8394	3.9	1
111	Folding topology, structural polymorphism, and dimerization of intramolecular DNA G-quadruplexes with inverted polarity strands and non-natural loops. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 1972-1981	7.9	1
110	4-Phenylspiro[2.2]pentane-1,1-dicarboxylate: synthesis and reactions with EtAlCl ₂ and 4,5-diazaspiro[2.4]hept-4-ene derivative. <i>Mendeleev Communications</i> , 2019 , 29, 417-418	1.9	2
109	Three-Component GaHal-Promoted Reactions of Substituted Methylidenemalonates and Donor-Acceptor Cyclopropanes with Propargyl Halides: Cascade Diastereoselective Construction of Five-Membered Lactones. <i>Journal of Organic Chemistry</i> , 2019 , 84, 6174-6182	4.2	12
108	Four-Membered Cycle Formation Challenge: GaCl ₃ -Promoted Formal [2+2]-Cycloaddition of Donor-Acceptor Cyclopropanes to Bicyclobutylidene. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 4207-4214	3.2	10
107	Structure-activity studies of irumamycin type macrolides from Streptomyces sp. INA-Ac-5812. <i>Tetrahedron Letters</i> , 2019 , 60, 1448-1451	2	5
106	New approach to the synthesis of polymethylsilsesquioxane dendrimers. <i>Polymer</i> , 2019 , 174, 159-169	3.9	10
105	Four-component assembly of polyaromatic 4H-cyclopenta[b]thiophene structures based on GaCl ₃ -promoted reaction of styrylmalonates with 5-phenylthiophene-2-carbaldehyde. <i>Tetrahedron Letters</i> , 2019 , 60, 746-750	2	6
104	Application of Complexes of Group 13 Elements in Synthetic Organic Chemistry for Activation of Carbonyl Compounds. <i>Vestnik RFFI</i> , 2019 , 113-140	0.1	
103	Hydrazo coupling: the efficient transition-metal-free C-H functionalization of 8-hydroxyquinoline and phenol through base catalysis. <i>Green Chemistry</i> , 2019 , 21, 6381-6389	10	7
102	Aerobic Co-/ N-Hydroxysuccinimide-Catalyzed Oxidation of p-Tolylsiloxanes to p-Carboxyphenylsiloxanes: Synthesis of Functionalized Siloxanes as Promising Building Blocks for Siloxane-Based Materials. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2143-2151	16.4	22
101	A role for 3'-O-ED-ribofuranosyladenosine in altering plant immunity. <i>Phytochemistry</i> , 2019 , 157, 128-134	4	2
100	Homophthalonitrile for Multicomponent Reactions: Syntheses and Optical Properties of -Cyanophenyl- or Indol-3-yl-Substituted Chromeno[2,3-]isoquinolin-5-Amines. <i>ChemistryOpen</i> , 2019 , 8, 23-30	2.3	4

99	Aerobic Co or Cu/NHPI-catalyzed oxidation of hydride siloxanes: synthesis of siloxanols. <i>Green Chemistry</i> , 2018 , 20, 1467-1471	10	35
98	Classical Example of Total Kinetic and Thermodynamic Control: The Diels-Alder Reaction between DMAD and Bis-furyl Dienes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 4840-4850	4.2	21
97	Reaction of benzyne with 1,2,3,4-tetrahydroisoquinolines as an access to 1 H -3-benzazepines. <i>Mendeleev Communications</i> , 2018 , 28, 22-24	1.9	3
96	Diels-Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. <i>Chemical Communications</i> , 2018 , 54, 2850-2853	5.8	19
95	Methods for the synthesis of donor-acceptor cyclopropanes. <i>Russian Chemical Reviews</i> , 2018 , 87, 201-256.8		60
94	GaCl-Mediated "Inverted" Formal [3 + 2]-Cycloaddition of Donor-Acceptor Cyclopropanes to Allylic Systems. <i>Journal of Organic Chemistry</i> , 2018 , 83, 8193-8207	4.2	24
93	Fluoronitroalkenes in tandem [4 + 1]/[3 + 2]-cycloaddition: one-pot three-component assembly of fluorinated bicyclic nitroso acetals. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2588-2594	5.2	15
92	Exploiting Coupling of Boronic Acids with Triols for a pH-Dependent "Click-Declick" Chemistry. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9756-9773	4.2	10
91	A Novel Entry to 3,4,5-Trisubstituted 2-Pyrrolidones from Isoxazoline-N-oxides. <i>Synlett</i> , 2018 , 29, 1871-1874		5
90	Reactions of thieno[2,3- <i>b</i>]pyrrolines with dehydrobenzene. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 664-668	1.4	1
89	Conjugates of 17-substituted testosterone and epitestosterone with pyropheophorbide a differing in the length of linkers. <i>Steroids</i> , 2018 , 138, 82-90	2.8	3
88	Cascade Cleavage of Three-Membered Rings in the Reaction of D-A Cyclopropanes with 4,5-Diazaspiro[2.4]hept-4-enes: A Route to Highly Functionalized Pyrazolines. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7836-7851	4.2	15
87	Three-Component Gallium(III)-Promoted Addition of Halide Anions and Acetylenes to Donor-Acceptor Cyclopropanes. <i>Angewandte Chemie</i> , 2018 , 130, 10450-10455	3.6	6
86	Three-Component Gallium(III)-Promoted Addition of Halide Anions and Acetylenes to Donor-Acceptor Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10293-10298	16.4	30
85	Trifunctional (Pyropheophorbide a [Steroid [Hexadecyl Chain) Conjugates: Synthesis, Solubilization, Interaction with Cultured Cells. <i>Macroheterocycles</i> , 2018 , 11, 277-285	2.2	2
84	Copper-Catalyzed Oxidation of Hydrosilanes: A New Method for the Synthesis of Alkyl- and Siloxysilanols. <i>Synlett</i> , 2018 , 29, 489-492	2.2	6
83	Comparison of [17(20)E]-21-Norpregnene oxazoliny and benzoxazolyl derivatives as inhibitors of CYP17A1 activity and prostate carcinoma cells growth. <i>Steroids</i> , 2018 , 129, 24-34	2.8	14
82	Synthesis of d-(+)-camphor-based -acylhydrazones and their antiviral activity. <i>MedChemComm</i> , 2018 , 9, 2072-2082	5	9

81	Astolides A and B, antifungal and cytotoxic naphthoquinone-derived polyol macrolactones from <i>Streptomyces hygroscopicus</i> . <i>Tetrahedron</i> , 2018 , 74, 7442-7449	2.4	10
80	Ionic Ga-Complexes of Alkylidene- and Arylmethylidenemalonates and Their Reactions with Acetylenes: An In-Depth Look into the Mechanism of the Occurring Gallium Chemistry. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14381-14390	16.4	34
79	4-Chloro-L-kynurenine as fluorescent amino acid in natural peptides. <i>Amino Acids</i> , 2018 , 50, 1697-1705	3.5	7
78	Synthesis of 2,5-diaryl-4-halo-1,2,3-triazoles and comparative study of their fluorescent properties. <i>Tetrahedron</i> , 2018 , 74, 3897-3903	2.4	8
77	Synthesis of unsaturated silyl nitronates via the silylation of conjugated nitroalkenes. <i>Tetrahedron Letters</i> , 2018 , 59, 3128-3131	2	1
76	Divergent Reactivity of In Situ Generated Metal Azides: Reaction with N,N-Bis(oxy)enamines as a Case Study. <i>Chemistry - A European Journal</i> , 2017 , 23, 4466-4466	4.8	
75	[4 + 2] Annulation of Donor-Acceptor Cyclopropanes with Acetylenes Using 1,2-Zwitterionic Reactivity. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2724-2738	4.2	47
74	The expanding repertoire of G4 DNA structures. <i>Biochimie</i> , 2017 , 135, 54-62	4.6	46
73	Synthesis of Chromenoimidazoles, Annulated with an Azaindole Moiety, through a Base-Promoted Domino Reaction of Cyano[methyl Quaternary Salts. <i>Synthesis</i> , 2017 , 49, 2753-2760	2.9	11
72	Radical Nitration-Debromination of β -Bromo- β -Fluoroalkenes as a Stereoselective Route to Aromatic β -Fluoronitroalkenes-Functionalized Fluorinated Building Blocks for Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 5274-5284	4.2	34
71	Synthesis, structural, spectroscopic and docking studies of new 5C-substituted 2,4-diamino-5H-chromeno[2,3-b]pyridine-3-carbonitriles. <i>Journal of Molecular Structure</i> , 2017 , 1146, 766-772	3.4	23
70	PASE Pseudo-Four-Component Synthesis and Docking Studies of New 5-C-Substituted 2,4-Diamino-5H-Chromeno[2,3-b]pyridine-3-Carbonitriles. <i>ChemistrySelect</i> , 2017 , 2, 4593-4597	1.8	19
69	Stereoelectronic Control in the Ozone-Free Synthesis of Ozonides. <i>Angewandte Chemie</i> , 2017 , 129, 5037-5041	3.5	15
68	Stereoelectronic Control in the Ozone-Free Synthesis of Ozonides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4955-4959	16.4	36
67	Divergent Reactivity of In Situ Generated Metal Azides: Reaction with N,N-Bis(oxy)enamines as a Case Study. <i>Chemistry - A European Journal</i> , 2017 , 23, 4570-4578	4.8	21
66	Organic and hybrid systems: from science to practice. <i>Mendeleev Communications</i> , 2017 , 27, 425-438	1.9	79
65	Synthesis and Regioselective N-2 Functionalization of 4-Fluoro-5-aryl-1,2,3-NH-triazoles. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6851-6860	3.2	22
64	The effect of ligands on the change of diastereoselectivity dimerization of 2-(naphthyl-1)cyclopropanedicarboxylate in the presence of GaCl ₃ . <i>Arkivoc</i> , 2017 , 2016, 362-375	0.9	2

63	Highly diastereoselective formation of 3,7-dioxabicyclo[3.3.0]octan-2-ones in reaction of 2-arylcyclopropanedicarboxylates with aromatic aldehydes using 1,2-zwitterionic reactivity type. <i>Tetrahedron Letters</i> , 2017 , 58, 3712-3716	2	10
62	Styrylmalonates as an Alternative to Donor-Acceptor Cyclopropanes in the Reactions with Aldehydes: A Route to 5,6-Dihydropyran-2-ones. <i>Organic Letters</i> , 2017 , 19, 3731-3734	6.2	23
61	One-pot synthesis of new acid photogenerators for Rhodamine laser dyes fluorescence activation. <i>Dyes and Pigments</i> , 2017 , 136, 612-618	4.6	6
60	On-solvent new domino reaction of salicylaldehyde, malononitrile and 4-hydroxy-6-methylpyridin-2(1H)-one: fast and efficient approach to medicinally relevant 4-pyridinyl-2-amino-4H-chromene scaffold. <i>Mendeleev Communications</i> , 2017 , 27, 559-561	1.9	16
59	Conjugates of Pyropheophorbide a with Androgen Receptor Ligands. <i>Macrocyclics</i> , 2017 , 10, 77-80	2.2	5
58	Short Approach to Pyrrolopyrazino-, Pyrrolodiazepino-Isoindoles and their Benzo Analogues via the IMDAF Reaction. <i>Current Organic Synthesis</i> , 2017 , 14,	1.9	1
57	GaCl ₃ -Mediated Reactions of Donor-Acceptor Cyclopropanes with Aromatic Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12233-7	16.4	58
56	Polyfunctional carboranyl substituted octasilsesquioxane: Synthesis and characterization. <i>Journal of Organometallic Chemistry</i> , 2016 , 822, 1-4	2.3	10
55	Stereoselective Michael Halogenation Initiated Ring Closure (MHIRC) Synthesis of Spirocyclopropanes from Benzylidenemalononitriles and 3-Arylisoxazol-5(4H)-ones. <i>Synlett</i> , 2016 , 27, 2489-2493	2.2	5
54	Wagner-Meerwein rearrangement in 2,6a-epoxyxireno[e]isoindole series. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 736-742	1.4	4
53	Transformation of 2-allyl-1,3-diketones to bicyclic compounds containing 1,2-dioxolane and tetrahydrofuran rings using the I ₂ /H ₂ O ₂ system. <i>Tetrahedron Letters</i> , 2016 , 57, 949-952	2	11
52	Tandem Pd-catalyzed C-C coupling/recyclization of 2-(2-bromoaryl)cyclopropane-1,1-dicarboxylates with primary nitro alkanes. <i>Tetrahedron Letters</i> , 2016 , 57, 11-14	2	15
51	1,1-Bicyclopropyl-2,2-dicarboxylate and Cyclopropylmethylidenemalonate as Homovinyls and Vinyls of Donor-Acceptor Cyclopropanes. <i>ChemistrySelect</i> , 2016 , 1, 6374-6381	1.8	13
50	Light-induced oxidation of the telomeric G4 DNA in complex with Zn(II) tetracarboxymethyl porphyrin. <i>Nucleic Acids Research</i> , 2016 , 44, 10031-10041	20.1	11
49	Ring-chain tautomerism in the products of the reaction between 5-substituted furfurylamines and anhydrides of α -unsaturated carboxylic acids. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 225-236	1.4	5
48	GaCl ₃ -Mediated Isomerization of Donor-Acceptor Cyclopropanes into (2-Arylalkylidene)malonates. <i>Synlett</i> , 2016 , 27, 1367-1370	2.2	11
47	Reduction of Organosilicon Peroxides: Ring Contraction and Cyclodimerization. <i>Organometallics</i> , 2016 , 35, 1667-1673	3.8	10
46	Selective transformation of tricyclic peroxides with pronounced antischistosomal activity into 2-hydroxy-1,5-diketones using iron (II) salts. <i>Tetrahedron</i> , 2016 , 72, 3421-3426	2.4	1

45	GaCl ₃ -Mediated Reactions of Donor-Acceptor Cyclopropanes with Aromatic Aldehydes. <i>Angewandte Chemie</i> , 2016 , 128, 12421-12425	3.6	21
44	Six-Membered Cyclic Nitroso Acetals: Synthesis and Studies of the Nitrogen Inversion Process of N-Silyloxy-3,6-dihydro-2H-1,2-oxazines. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 5569-5578	3.2	16
43	Oxazoliny derivatives of [17(20)E]-21-norpregnene differing in the structure of A and B rings. Facile synthesis and inhibition of CYP17A1 catalytic activity. <i>Steroids</i> , 2016 , 115, 114-122	2.8	14
42	Donor-Acceptor Cyclopropanes as 1,2-Dipoles in GaCl ₃ -Mediated [4 + 2]-Annulation with Alkenes: Easy Access to the Tetralin Skeleton. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8225-35	4.2	55
41	GaCl ₃ -mediated acyclic dimerization of donor-acceptor cyclopropanes using 1,2-dipole reactivity. <i>Mendeleev Communications</i> , 2015 , 25, 341-343	1.9	15
40	Synthesis and Structures of Cyclopropanedicarboxylate Gallium Complexes. <i>Organometallics</i> , 2015 , 34, 4238-4250	3.8	16
39	Au/Pt/TiO ₂ catalysts prepared by redox method for the chemoselective 1,2-propanediol oxidation to lactic acid and an NMR spectroscopy approach for analyzing the product mixture. <i>Applied Catalysis A: General</i> , 2015 , 491, 170-183	5.1	26
38	Formal [3+3]-cycloaddition of 3-methyl-5,6-dihydro-4H-1,2-oxazine-N-oxides with cyclopropane dicarboxylates under hyperbaric conditions. <i>Tetrahedron Letters</i> , 2015 , 56, 2102-2105	2	29
37	Transformations of 4-arylpyrrolo[1,2-a][1,4]benzodiazepines in three-component reactions with activated alkynes and β NH, SH, and β acids. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 639-646	1.4	0
36	Synthesis of furyl-, furylvinyl-, thienyl-, pyrrolinylquinazolines and isoindolo[2,1-a]quinazolines. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1345-1353	1.7	2
35	Dimerization of donor-acceptor cyclopropanes. <i>Mendeleev Communications</i> , 2015 , 25, 1-10	1.9	127
34	A new type of donor-acceptor cyclopropane reactivity: the generation of formal 1,2- and 1,4-dipoles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3187-91	16.4	90
33	Nature Chooses Rings: Synthesis of Silicon-Containing Macrocyclic Peroxides. <i>Organometallics</i> , 2014 , 33, 2230-2246	3.8	24
32	General synthetic approach towards annelated 3a,6-epoxyisoindoles by tandem acylation/IMDAF reaction of furylazaheterocycles. Scope and limitations. <i>Tetrahedron</i> , 2014 , 70, 1659-1690	2.4	33
31	Reactions of mono- and bicyclic enol ethers with the I ₂ /Hydroperoxide system. <i>RSC Advances</i> , 2014 , 4, 7579-7587	3.7	10
30	Six Peroxide Groups in One Molecule: Synthesis of Nine-Membered Bicyclic Silyl Peroxides. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6877-6883	3.2	10
29	1,3-Dipolar cycloaddition of alkenes to 3-azido-3-deoxythymidine as a route to 3-deoxythymidin-3-yl derivatives. <i>Mendeleev Communications</i> , 2014 , 24, 206-208	1.9	2
28	Approach for the preparation of various classes of peroxides based on the reaction of triketones with H ₂ O ₂ : first examples of ozonide rearrangements. <i>Chemistry - A European Journal</i> , 2014 , 20, 10160-9	4.8	24

27	A novel and unusual reaction of 1,2,3,4,5,6,7-hepta(methoxycarbonyl)-cyclohepta-2,4,6-trien-1-yl potassium with organic azides. <i>Tetrahedron Letters</i> , 2014 , 55, 2381-2384	2	6
26	Iminoxyl Radical-Based Strategy for Intermolecular C=O Bond Formation: Cross-Dehydrogenative Coupling of 1,3-Dicarbonyl Compounds with Oximes. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2266-2280	5.6	38
25	A New Type of Donor-Acceptor Cyclopropane Reactivity: The Generation of Formal 1,2- and 1,4-Dipoles. <i>Angewandte Chemie</i> , 2014 , 126, 3251-3255	3.6	26
24	Novel Formal [3+3] Cycloaddition of Silyl Nitronates with Activated Cyclopropanes and Its Application in the Synthesis of Pyrroline-N-oxides. <i>Synlett</i> , 2014 , 25, 2275-2280	2.2	28
23	Unexpected formation of substituted naphthalenes and phenanthrenes in a GaCl ₃ mediated dimerization/fragmentation reaction of 2-arylcyclopropane-1,1-dicarboxylates. <i>Mendeleev Communications</i> , 2014 , 24, 346-348	1.9	12
22	Dimerization of Dimethyl 2-(Naphthalen-1-yl)cyclopropane-1,1-dicarboxylate in the Presence of GaCl ₃ to [3+2], [3+3], [3+4], and Spiroannulation Products. <i>Helvetica Chimica Acta</i> , 2013 , 96, 2068-2080	2	13
21	Six-membered cyclic nitronates as 1,3-dipoles in formal [3 + 3]-cycloaddition with donor-acceptor cyclopropanes. Synthesis of new type of bicyclic nitrosoacetals. <i>Organic Letters</i> , 2013 , 15, 350-3	6.2	63
20	Synthesis and molecular modeling of (4'R)- and (4'S)- 4'-substituted 2'-{[(E)-androst-5-en-17-ylidene]-methyl}oxazolines. <i>Steroids</i> , 2013 , 78, 521-7	2.8	6
19	Lipophilic derivatives of natural chlorins: synthesis, mixed micelles with phospholipids, and uptake by cultured cells. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5420-7	3.4	7
18	Pregna-5,17(20)-dien-21-oyl amides affecting sterol and triglyceride biosynthesis in Hep G2 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 2014-8	2.9	2
17	Synthesis of triazole-linked oligonucleotides with high affinity to DNA complements and an analysis of their compatibility with biosystems. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5964-9	4.2	38
16	Unusual C-alkylation of pyrazolines with 2-(het)arylcyclopropane-1,1-dicarboxylates in the presence of GaCl ₃ . <i>Mendeleev Communications</i> , 2012 , 22, 87-89	1.9	11
15	Complexes of Donor-Acceptor Cyclopropanes with Tin, Titanium, and Gallium Chlorides □ Mechanism Studies. <i>Organometallics</i> , 2012 , 31, 8627-8638	3.8	55
14	Chemoselectivity of [4 + 2] cycloaddition in N-maleyl- and N-allyl-2,6-difurypiperidin-4-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2012 , 48, 785-794	1.4	1
13	Synthesis of 21-nitrogen substituted pregena-5,17(20)-dienes from pregnenolone. <i>Steroids</i> , 2012 , 77, 77-84	8.48	10
12	Unexpected formation of 4-arylcyclopentane-1,1,3,3-tetracarboxylates in GaCl ₃ -catalyzed reaction of 2-arylcyclopropane-1,1-dicarboxylates with tetrasubstituted 1-pyrazolines. <i>Mendeleev Communications</i> , 2012 , 22, 181-183	1.9	8
11	Opening of the epoxide bridge in 3a,6-epoxyisoindol-1-ones by the action of BF ₃ ·Et ₂ O in acetic anhydride*. <i>Chemistry of Heterocyclic Compounds</i> , 2012 , 48, 514-524	1.4	7
10	Stereoselective double lewis acid/organo-catalyzed dimerization of donor-acceptor cyclopropanes into substituted 2-oxabicyclo[3.3.0]octanes. <i>Journal of Organic Chemistry</i> , 2012 , 77, 5993-6006	4.2	30

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