

Sergei G Zlotin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3487198/sergei-g-zlotin-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

220
papers

2,954
citations

29
h-index

45
g-index

277
ext. papers

3,398
ext. citations

2.6
avg, IF

5.52
L-index

#	Paper	IF	Citations
220	HMX surface modification with polymers via sc-CO ₂ antisolvent process: A way to safe and easy-to-handle energetic materials. <i>Chemical Engineering Journal</i> , 2022 , 428, 131363	14.7	5
219	Suzuki cross-coupling of hexachlorobenzene promoted by the Buchwald ligands. <i>Russian Chemical Bulletin</i> , 2022 , 71, 169-172	1.7	0
218	Advanced energetic materials: novel strategies and versatile applications. <i>Mendeleev Communications</i> , 2021 , 31, 731-749	1.9	14
217	A carbon dioxide-promoted three-component Strecker reaction. <i>Green Chemistry</i> , 2021 , 23, 10137-10144	1.0	1
216	Proline-Histidine Dipeptide: A Suitable Template for Generating Ion-Tagged Organocatalysts for the Asymmetric Aldol Reaction. <i>Synthesis</i> , 2021 , 53, 2702-2712	2.9	0
215	Novel C ₂ -symmetric phenylglycine derivatives as organocatalysts of the Michael reaction between nitroalkenes and ketones. <i>Russian Chemical Bulletin</i> , 2021 , 70, 885-889	1.7	0
214	Buchwald ligand-assisted Suzuki cross-coupling of polychlorobenzenes. <i>Mendeleev Communications</i> , 2021 , 31, 400-402	1.9	0
213	Buchwald ligand-assisted Suzuki cross-coupling of polychlorobenzenes. <i>Mendeleev Communications</i> , 2021 , 31, 400-402	1.9	4
212	2-Nitroallyl carbonate-based green bifunctional reagents for catalytic asymmetric annulation reactions. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1780-1786	3.9	5
211	Nitration of aromatics with dinitrogen pentoxide in a liquefied 1,1,1,2-tetrafluoroethane medium.. <i>RSC Advances</i> , 2021 , 11, 25841-25847	3.7	1
210	Catalytic Asymmetric Aza-Diels-Alder Reaction: Pivotal Milestones and Recent Applications to Synthesis of Nitrogen-Containing Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 1466-1526	5.6	14
209	Nitration of Alkenes and Oxiranes with Nitrogen(IV) Oxide in Liquid and Supercritical Carbon Dioxide Media. <i>Doklady Chemistry</i> , 2021 , 500, 209-212	0.8	0
208	Possible Physical Basis of Mirror Symmetry Effect in Racemic Mixtures of Enantiomers: From Wallach's Rule, Nonlinear Effects, B-Z DNA Transition, and Similar Phenomena to Mirror Symmetry Effects of Chiral Objects. <i>Symmetry</i> , 2020 , 12, 889	2.7	3
207	Supercritical fluids in chemistry. <i>Russian Chemical Reviews</i> , 2020 , 89, 1337-1427	6.8	19
206	Micronization of CL-20 using supercritical and liquefied gases. <i>CrystEngComm</i> , 2020 , 22, 7549-7555	3.3	5
205	Conjugate Addition of Carbon Acids to α -Unsaturated β -Keto Esters: Product Tautomerism and Applications for Asymmetric Synthesis of Benzo[<i>b</i>]phenazin-5-ol Derivatives. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13824-13831	4.2	7
204	Chiral and Racemic Fields Concept for Understanding of the Homochirality Origin, Asymmetric Catalysis, Chiral Superstructure Formation from Achiral Molecules, and B-Z DNA Conformational Transition. <i>Symmetry</i> , 2019 , 11, 649	2.7	4

203	C-Symmetric Chiral Squaramide, Recyclable Organocatalyst for Asymmetric Michael Reactions. <i>Journal of Organic Chemistry</i> , 2019 , 84, 4304-4311	4.2	11
202	Continuous nitration of alcohols in a Freon flow. <i>Reaction Chemistry and Engineering</i> , 2019 , 4, 1303-1308	4.9	7
201	Asymmetric Michael reaction between aldehydes and nitroalkanes promoted by pyrrolidine-containing C2-symmetric organocatalysts. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1402-1406	1.7	3
200	Supercritical Antisolvent Processing of Nitrocellulose: Downscaling to Nanosize, Reducing Friction Sensitivity and Introducing Burning Rate Catalyst. <i>Nanomaterials</i> , 2019 , 9,	5.4	16
199	Recent advances in the asymmetric synthesis of pharmacology-relevant nitrogen heterocycles via stereoselective aza-Michael reactions. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3670-3708	3.9	75
198	Sustainable Synthesis of Polynitroesters in the Freon Medium and their in Vitro Evaluation as Potential Nitric Oxide Donors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 2535-2540	8.3	9
197	Green asymmetric synthesis of Warfarin and Coumachlor in pure water catalyzed by quinoline-derived 1,2-diamines. <i>Green Chemistry</i> , 2018 , 20, 754-759	10	11
196	Nitro derivatives of 2,1,3-benzothiadiazole 1-oxides: synthesis, structural study, and NO release. <i>Russian Chemical Bulletin</i> , 2018 , 67, 95-101	1.7	5
195	High diastereoselective amine-catalyzed Knoevenagel-Michael-cyclization-ring-opening cascade between aldehydes, 3-arylisoxazol-5(4H)-ones and 3-aminocyclohex-2-en-1-ones. <i>Molecular Diversity</i> , 2018 , 22, 627-636	3.1	2
194	Asymmetric synthesis of warfarin and its analogs catalyzed by C-symmetric squaramide-based primary diamines. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6423-6429	3.9	5
193	Recyclable C2-symmetric tertiary amine-squaramide organocatalysts: Design and application to asymmetric synthesis of α -nitrocarbonyl compounds. <i>Tetrahedron</i> , 2018 , 74, 4769-4776	2.4	5
192	1,4-cis-Hydrogenation of butyl sorbate in supercritical carbon dioxide. <i>Russian Chemical Bulletin</i> , 2018 , 67, 923-926	1.7	
191	Homochirality, Stochastic Chiral Reactions, Spontaneous Chiral Ordering of Achiral Molecules, and Similar Chiral Effects. Is there a Physical Basis for these Mirror Symmetry Breaking Phenomena?**. <i>Current Organic Chemistry</i> , 2018 , 22, 2029-2054	1.7	3
190	Green asymmetric synthesis of tetrahydroquinolines in carbon dioxide medium promoted by lipophilic bifunctional tertiary amine squaramide organocatalysts. <i>Tetrahedron</i> , 2018 , 74, 157-164	2.4	13
189	Asymmetric Michael addition between kojic acid derivatives and unsaturated ketoesters promoted by C-symmetric organocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 9314-9318	3.9	7
188	Synthesis and structural investigation of 4,4'-dimethyl-[3,3'-bi(1,2,5-oxadiazole)] 5,5'-dioxide. <i>Russian Chemical Bulletin</i> , 2018 , 67, 2044-2048	1.7	1
187	Stereoselective Synthesis of Tetrahydroquinolines via Asymmetric Domino Reaction Catalyzed by a Recyclable Ionic-Liquid-Supported Bifunctional Tertiary Amine. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 7000-7008	3.2	8
186	[1,2,5]Oxadiazolo[3,4-d]pyridazine 1,5,6-trioxides: efficient synthesis via the reaction of 3,4-bis(hydroxyimino)methyl-1,2,5-oxadiazole 2-oxides with a mixture of concentrated nitric and trifluoroacetic acids and structural characterization. <i>Tetrahedron Letters</i> , 2018 , 59, 3143-3146	2	8

185	The progress in the chemistry of N-acyliminium ions and their use in stereoselective organic synthesis. <i>Russian Chemical Reviews</i> , 2017 , 86, 1-17	6.8	18
184	Towards Sustainable Amino Acid Derived Organocatalysts for Asymmetric syn-Aldol Reactions. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2540-2544	3.2	5
183	Tertiary Amine-Derived Ionic Liquid-Supported Squaramide as a Recyclable Organocatalyst for Noncovalent On Water Catalysis. <i>ACS Catalysis</i> , 2017 , 7, 2981-2989	13.1	48
182	Organic and hybrid systems: from science to practice. <i>Mendeleev Communications</i> , 2017 , 27, 425-438	1.9	79
181	Novel L-threonine-based ionic liquid supported organocatalyst for asymmetric syn-aldol reaction: activity and recyclability design. <i>Arkivoc</i> , 2017 , 2017, 241-249	0.9	2
180	Nazarov reaction: current trends and recent advances in the synthesis of natural compounds and their analogs. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 8245-8269	3.9	75
179	Prospective Symbiosis of Green Chemistry and Energetic Materials. <i>ChemSusChem</i> , 2017 , 10, 3914-3946	8.3	62
178	Stereospecific diaza-Cope rearrangement as an efficient tool for the synthesis of DPEDA pyridine analogs and related C-symmetric organocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7028-7033	3.9	4
177	Synthesis and stereochemical assignment of geraniol- and nerol-derived Cygerol enantiomers. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1834-1841		1
176	Bis[1,2,5]oxadiazolo[3,4-c:3',4'-b]pyridazine 4,5-dioxide as a synthetic equivalent of 4,4-dinitroso-3,3-bifurazan. <i>Mendeleev Communications</i> , 2017 , 27, 448-450	1.9	7
175	Asymmetric Michael addition of aldehydes to maleimides in primary amine-based aqueous ionic liquid-supported recyclable catalytic system. <i>Mendeleev Communications</i> , 2017 , 27, 473-475	1.9	10
174	Carane amino alcohols as organocatalysts in asymmetric aldol reaction of isatin with acetone. <i>Russian Chemical Bulletin</i> , 2017 , 66, 293-296	1.7	8
173	Safe and Convenient Synthesis of Primary N-Nitramines in the Freon Media. <i>Synthesis</i> , 2017 , 49, 1103-1108	1.8	8
172	Recent advances in synthesis of organic nitrogen-oxygen systems for medicine and materials science. <i>Mendeleev Communications</i> , 2017 , 27, 535-546	1.9	41
171	Asymmetric synthesis of 3-prenyl-substituted pyrrolidin-2-ones. <i>Mendeleev Communications</i> , 2016 , 26, 471-473	1.9	9
170	C-Symmetric pyrrolidine-derived squaramides as recyclable organocatalysts for asymmetric Michael reactions. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9751-9759	3.9	15
169	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
168	Unusual transformation of 3-alkylfuroxans into 3-(nitrooxyalkyl)furoxans on treatment with a mixture of nitric and sulfuric acids. <i>Russian Chemical Bulletin</i> , 2016 , 65, 2901-2906	1.7	2

167	Asymmetric catalytic synthesis of functionalized tetrahydroquinolines in supercritical fluids. <i>Journal of Supercritical Fluids</i> , 2016 , 109, 35-42	4.2	20
166	The orthoester Johnson-Claisen rearrangement of allylic terpenols in the presence of acidic ionic liquid. <i>Journal of Fluorine Chemistry</i> , 2016 , 183, 23-29	2.1	2
165	Challenges in the development of organic and hybrid molecular systems. <i>Mendeleev Communications</i> , 2016 , 26, 365-374	1.9	86
164	Ionic liquid supported 4-HO-Pro-Val derived organocatalysts for asymmetric aldol reactions in the presence of water. <i>Mendeleev Communications</i> , 2016 , 26, 388-390	1.9	18
163	Novel di- and tetra(pyrazolyl)bipyridine ligands and their Co (II)-complexes for electrochemical applications. <i>Tetrahedron</i> , 2016 , 72, 7552-7556	2.4	4
162	Short and efficient synthesis of 1-(2-oxido-1,2,5-oxadiazol-3-yl)alkyl nitrates by unconventional nitroxylation of 3-alkyl-1,2,5-oxadiazole 2-oxides. <i>Tetrahedron Letters</i> , 2016 , 57, 4027-4030	2	12
161	Stereoselective reactions of nitro compounds in the synthesis of natural compound analogs and active pharmaceutical ingredients. <i>Tetrahedron</i> , 2016 , 72, 6191-6281	2.4	85
160	Organic and hybrid molecular systems. <i>Mendeleev Communications</i> , 2015 , 25, 75-82	1.9	163
159	Synthesis of novel tridentate pyrazole-bipyridine ligands for Co-complexes as redox-couples in dye-sensitized solar cells. <i>Tetrahedron</i> , 2015 , 71, 8551-8556	2.4	8
158	[1,4]Dithiino[2,3-c:5,6-c']bis[1,2,5]oxadiazole di-N-oxide: synthesis and oxidation to mono- and bis-S-oxides. <i>Mendeleev Communications</i> , 2015 , 25, 339-340	1.9	13
157	(1,2-Diaminoethane-1,2-diyl)bis(N-methylpyridinium) Salts as a Prospective Platform for Designing Recyclable Prolinamide-Based Organocatalysts. <i>Journal of Organic Chemistry</i> , 2015 , 80, 9570-7	4.2	22
156	Relative permittivity of monocomponent and binary solutions of N2O5 in liquid CO2 and their activity in nitration of cellulose. <i>Russian Journal of Physical Chemistry B</i> , 2015 , 9, 1130-1136	1.2	3
155	Detonation nanodiamond complexes with cancer stem cells inhibitors or paracrine products of mesenchymal stem cells as new potential medications. <i>Crystallography Reports</i> , 2015 , 60, 763-767	0.6	3
154	Prolinamide-Derived Ionic-Liquid-Supported Organocatalyst for Asymmetric Mono- and Bis-Aldol Reactions in the Presence of Water. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5649-5654	3.2	13
153	Asymmetric aldol reactions in ketone/ketone systems catalyzed by ionic liquid-supported C2-symmetrical organocatalyst. <i>Mendeleev Communications</i> , 2015 , 25, 168-170	1.9	15
152	C2-Symmetric diamines and their derivatives as promising organocatalysts for asymmetric synthesis. <i>Russian Chemical Reviews</i> , 2015 , 84, 1077-1099	6.8	26
151	Novel approaches to pharmacology-oriented and energy rich organic nitrogen-oxygen systems. <i>Mendeleev Communications</i> , 2015 , 25, 399-409	1.9	60
150	Pot, atom and step economic (PASE) synthesis of 5-isoxazolyl-5H-chromeno[2,3-b]pyridine scaffold. <i>Mendeleev Communications</i> , 2015 , 25, 424-426	1.9	47

149	Nitration of glycoluril derivatives in liquid carbon dioxide. <i>Mendeleev Communications</i> , 2015 , 25, 15-16	1.9	11
148	Primary Amine Attached to an N-(Carboxyalkyl)imidazolium Cation: A Recyclable Organocatalyst for the Asymmetric Michael Reaction. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 3808-3813	3.2	12
147	Simulation of Ozone and Molecular Oxygen Oxidation of Dinitrogen Tetroxide to Nitric Anhydride. <i>Mendeleev Communications</i> , 2014 , 24, 94-95	1.9	
146	Unusual behavior of benzofuroxans under ESI MS conditions in negative ion mode. <i>Mendeleev Communications</i> , 2014 , 24, 165-166	1.9	6
145	Palladium-catalyzed allylation of malonic acid derivatives in heterogeneous systems containing ionic liquids. <i>Mendeleev Communications</i> , 2014 , 24, 23-25	1.9	5
144	Stereodivergent Michael addition of diphenylphosphite to α -nitroalkenes in the presence of squaramide-derived tertiary amines: an enantioselective organocatalytic reaction in supercritical carbon dioxide. <i>Green Chemistry</i> , 2014 , 16, 1521	10	20
143	Kinetic resolution of racemic (cyclohexyl)(geranyl)acetic acid. <i>Mendeleev Communications</i> , 2014 , 24, 257-259	2.59	5
142	Synthesis and conformations of cross-conjugated polyenes containing heterocyclic moieties with diverse structures. <i>Mendeleev Communications</i> , 2014 , 24, 377-379	1.9	6
141	New synthesis of ethambutol and related β -acetylenic amino alcohols. <i>Pharmaceutical Chemistry Journal</i> , 2013 , 46, 730-735	0.9	1
140	Synthesis of thiacyanine dyes containing coumarin moieties at benzothiazole rings. <i>Mendeleev Communications</i> , 2013 , 23, 212-214	1.9	2
139	Chiral Ionic Liquid/ESI-MS Methodology as an Efficient Tool for the Study of Transformations of Supported Organocatalysts. <i>Topics in Catalysis</i> , 2013 , 56, 923-932	2.3	6
138	Ionic Liquid Organocatalysts 2013 , 617-650		11
137	Organocatalysis of asymmetric aldol reaction in water: comparison of catalytic properties of (S)-valine and (S)-proline amides. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1010-1015	1.7	4
136	Tsuji-Yost allylation of CH acids in supercritical carbon dioxide: advantages and problems. <i>Mendeleev Communications</i> , 2013 , 23, 84-85	1.9	4
135	KOH-Promoted Synthesis of Oxirane Functional Derivatives from Diethyl Bromomalonate and Aldehydes under Phase-Transfer Catalysis Conditions. <i>Mendeleev Communications</i> , 2013 , 23, 24-25	1.9	2
134	Nitration of carbonic, sulfuric and oxalic acid-derived amides in liquid carbon dioxide. <i>Mendeleev Communications</i> , 2013 , 23, 81-83	1.9	5
133	N-Pyrrolidine-2-ylmethyl)-2-hydroxy-3-aminopiperanes as novel organocatalysts for asymmetric conjugate additions of ketones to α -nitroalkenes. <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 776-779		11
132	Synthesis of thiazole derivatives bearing an incorporated Z-5-aminopent-3-enoic acid fragment. <i>Tetrahedron</i> , 2013 , 69, 6975-6980	2.4	4

131	Synthesis, spectral properties, and conformations of nonlinear cross-conjugated polyenes containing pyrane or dihydropyridine fragment. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2012-2022	1.7	1
130	Asymmetric Tsuji-Evans substitution in 3-acetoxy-1,3-diphenylpropene under phase-transfer conditions. <i>Mendeleev Communications</i> , 2012 , 22, 39-40	1.9	6
129	Synthesis of nitric acid esters from alcohols in a dinitrogen pentoxide/carbon dioxide liquid system. <i>Mendeleev Communications</i> , 2012 , 22, 67-69	1.9	8
128	Enantioselective addition of carbon acids to β -nitroalkenes: the first asymmetric aminocatalytic reaction in liquefied carbon dioxide. <i>Tetrahedron Letters</i> , 2012 , 53, 3502-3505	2	18
127	Simple Ionic Liquid Supported C ₂ -Symmetric Bisprolinamides as Recoverable Organocatalysts for the Asymmetric Aldol Reaction in the Presence of Water. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 7129-7134	3.2	33
126	Chiral Primary Amine Tagged to Ionic Group as Reusable Organocatalyst for Asymmetric Michael Reactions of C-Nucleophiles with α,β -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 3078-3086	5.6	22
125	Mannich Synthesis of Acetylenic Amino Alcohols in Aqueous Ionic Liquids. <i>Mendeleev Communications</i> , 2012 , 22, 317-319	1.9	6
124	Synthesis of methaprogerol analogs. <i>Russian Chemical Bulletin</i> , 2012 , 61, 253-258	1.7	1
123	Efficient syntheses of C ₂₀ -carotene and crocetin (descrocetin) esters promoted by an acidic ionic liquid. <i>Tetrahedron Letters</i> , 2012 , 53, 4971-4973	2	10
122	RuBINAP-catalyzed asymmetric hydrogenation of keto esters in high pressure carbon dioxide. <i>Mendeleev Communications</i> , 2012 , 22, 184-186	1.9	4
121	Asymmetric organocatalysis: from proline to highly efficient immobilized organocatalysts. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1313-1320	1.7	21
120	Organocatalytic Michael and Friedel-Crafts reactions in enantioselective synthesis of biologically active compounds. <i>Russian Chemical Reviews</i> , 2011 , 80, 1067-1113	6.8	48
119	Ionic Liquids—Advanced Reaction Media for Organic Synthesis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 1205-1216	1	9
118	Synthesis of nitrocyclopropanedicarboxylic acid derivatives by addition of β -bromonitroalkanes to methylidene malonic, methylidene cyanoacetic or maleic acid derivatives. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2279-2285	1.7	3
117	Synthesis of cyclopropane-1,1,2,2-tetracarboxylic acid derivatives from aldehydes and CH-acids in the K ₂ CO ₃ /Bun 4NPF ₆ /toluene heterogeneous system. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2286-2290	1.7	5
116	2-Hydroxy-3-[(S)-prolinamido]pinanes as novel bifunctional organocatalysts for asymmetric aldol reactions in aqueous media. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 1320-1324		17
115	Synthesis and properties of cross-conjugated β -bis-dimethylamino ketones and dinitriles with N-acetyl- and N-benzylpiperidine cycles. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2014-2020	1.7	1
114	Ionic polymer-supported O-trimethylsilyl- β -diphenyl-(S)-prolinols as recoverable organocatalysts for the asymmetric Michael reactions of carbon acids with α,β -enals. <i>Mendeleev Communications</i> , 2011 , 21, 146-148	1.9	17

113	(S)-Threonine/ β -(S)-diphenylvalinol-derived chiral ionic liquid: an immobilized organocatalyst for asymmetric syn-aldol reactions. <i>Tetrahedron</i> , 2011 , 67, 1948-1954	2.4	34
112	(1R,2R)-Bis[(S)-prolinamido]cyclohexane Modified with Ionic Groups: The First C ₂ -Symmetric Immobilized Organocatalyst for Asymmetric Aldol Reactions in Aqueous Media. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6128-6133	3.2	26
111	Chiral ionic liquid/ESI-MS methodology as an efficient tool for the study of transformations of supported organocatalysts: deactivation pathways of Jørgensen-Hayashi-type catalysts in asymmetric Michael reactions. <i>Chemistry - A European Journal</i> , 2011 , 17, 6109-17	4.8	45
110	Unprecedented acceleration of the domino reaction between methyl 4-hydroxyalk-3-ynoates and amines in ionic liquids. <i>Mendeleev Communications</i> , 2011 , 21, 94-96	1.9	4
109	Acidic ionic liquid-catalyzed homologation of the polyene chain in α,β -enals (polyenals). <i>Tetrahedron</i> , 2011 , 67, 173-178	2.4	7
108	The use of new carboranylphosphite ligands in the asymmetric Rh-catalyzed hydrogenation. <i>Catalysis Communications</i> , 2010 , 11, 419-421	3.2	35
107	Reactions of carbon acids and 1,3-dipoles in the presence of ionic liquids. <i>Russian Chemical Reviews</i> , 2010 , 79, 543-583	6.8	34
106	Synthesis of 2,6-bis(fluoroalkyl)-2,6-dihydroxytetrahydro-2H-pyran-3,5-dicarboxylates from aldehydes and fluorinated β -keto esters in the presence of ionic liquid-K ₂ CO ₃ as catalytic system. <i>Russian Journal of Organic Chemistry</i> , 2010 , 46, 468-473	0.7	3
105	Ionic liquids as substrate-specific recoverable solvents and catalysts of regio-, stereo- and enantioselective organic reactions. <i>Mendeleev Communications</i> , 2010 , 20, 63-71	1.9	35
104	Pd-catalyzed allylation of CH acids under phase-transfer conditions. <i>Russian Chemical Bulletin</i> , 2010 , 59, 605-610	1.7	6
103	Protonation and alkylation of cross-conjugated β -bis(dimethylamino) ketones (ketocyanines) containing the piperidine ring and the synthesis of the corresponding thiapentacarbocyanine dyes. <i>Russian Chemical Bulletin</i> , 2010 , 59, 812-819	1.7	
102	The nitrolysis of N,N-dialkylcarboxamides in liquid carbon dioxide. <i>Russian Chemical Bulletin</i> , 2010 , 59, 2147-2150	1.7	6
101	Chiral Ionic Liquids Bearing O-Silylated β -Diphenyl (S)- or (R)-Prolinol Units: Recoverable Organocatalysts for Asymmetric Michael Addition of Nitroalkanes to α,β -Enals. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2927-2933	3.2	58
100	The Suzuki-Miyaura cross-coupling of bromo- and chloroarenes with arylboronic acids in supercritical carbon dioxide. <i>Mendeleev Communications</i> , 2010 , 20, 140-142	1.9	17
99	Asymmetric allylic alkylation in supercritical carbon dioxide using P*-chiral diamidophosphite ligands. <i>Mendeleev Communications</i> , 2010 , 20, 143-144	1.9	10
98	A new (S)-prolinamide modified by an ionic liquid moiety – high performance recoverable catalyst for asymmetric aldol reactions in aqueous media. <i>Tetrahedron</i> , 2010 , 66, 513-518	2.4	65
97	β -Diarylprolinol-derived chiral ionic liquids: recoverable organocatalysts for the domino reaction between α,β -enals and N-protected hydroxylamines. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2659-2670		49
96	Variation in the regioselectivity of levulinic acid bromination in ionic liquids. <i>Tetrahedron Letters</i> , 2010 , 51, 545-547	2	18

95	Pd-catalyzed allylic amination in supercritical carbon dioxide: Synthesis of carborane-containing terpenoids. <i>Journal of Supercritical Fluids</i> , 2010 , 54, 218-221	4.2	9
94	Synthetic Utilization of Polynitroaromatic Compounds: Synthesis of Fluorinated Fused Heterocycles from Polynitroaromatic Compounds. <i>ACS Symposium Series</i> , 2009 , 291-306	0.4	0
93	Regio-, stereo-, and enantioselective reactions of carbon acids catalyzed by recoverable organic catalysts bearing ionic liquid moieties. <i>Pure and Applied Chemistry</i> , 2009 , 81, 2059-2068	2.1	4
92	O-TMS- β -diphenyl-(S)-prolinol Modified with an Ionic Liquid Moiety: A Recoverable Organocatalyst for the Asymmetric Michael Reaction between α -Enals and Dialkyl Malonates. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5134-5137	3.2	61
91	Palladium-containing hypercrosslinked polystyrene as an easy to prepare catalyst for Suzuki reaction in water and organic solvents. <i>Reactive and Functional Polymers</i> , 2009 , 69, 755-758	4.6	52
90	Isoprenoid derivatives of N-propargylanabasine: mild hydration of a trisubstituted double bond. <i>Chemistry of Heterocyclic Compounds</i> , 2009 , 45, 677-679	1.4	1
89	Enantioselective synthesis of β -hydroxy ketones from heterocyclic aldehydes in water catalyzed by a recyclable organocatalyst bearing an ionic liquid moiety. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1899-1902	1.7	4
88	Functionalized N-propargylanabazine derivatives. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1921-1926	1.7	3
87	Synthesis of N,N-dialkylnitramines from secondary ammonium nitrates in liquid or supercritical carbon dioxide. <i>Russian Chemical Bulletin</i> , 2009 , 58, 2058-2062	1.7	3
86	Cross-conjugated β -bis(dimethylamino) ketones and dinitriles containing a cycloalkane or piperidine fragment: synthesis and study of spectroscopic properties. <i>Russian Chemical Bulletin</i> , 2009 , 58, 317-321	1.7	1
85	Regioselective palladium-catalysed prenylation of CH acids in the presence of diamidophosphite ligands and potassium carbonate. <i>Mendeleev Communications</i> , 2009 , 19, 103-105	1.9	8
84	Hydroxy- β -amino acids modified by ionic liquid moieties: recoverable organocatalysts for asymmetric aldol reactions in the presence of water. <i>Tetrahedron</i> , 2009 , 65, 1366-1372	2.4	60
83	Synthesis of chiral amino acid derivatives in supercritical carbon dioxide using Rh-PipPhos catalyst. <i>Journal of Supercritical Fluids</i> , 2009 , 50, 118-120	4.2	20
82	The use of a new carboranylamidophosphite ligand in the asymmetric Pd-catalysed allylic alkylation in organic solvents and supercritical carbon dioxide. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3047-3049 ²³	4.3	23
81	Organocatalysis of asymmetric aldol reaction. Catalysts and reagents. <i>Russian Chemical Reviews</i> , 2009 , 78, 737-784	6.8	96
80	Asymmetric aldol condensation in an ionic liquid-water system catalyzed by (S)-prolinamide derivatives.. <i>Russian Chemical Bulletin</i> , 2008 , 57, 591-594	1.7	27
79	Reactions of 2,2-disubstituted 1,1-dicyanoethenes with β -dimethylaminoacrolein aминаl and 3-dimethylamino-1,1,3-trimethoxypropane. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1671-1675	1.7	1
78	Recoverable Phase-Transfer Catalysts with Fluorinated Anions: Generation and Reactions of Dichlorocarbene and CCl ₃ Anion in the Heterogeneous System KOH(s)/CHCl ₃ /nBu ₄ NPF ₆ . <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1777-1782	3.2	17

77	A novel (S)-proline-modified task-specific chiral ionic liquid—an amphiphilic recoverable catalyst for direct asymmetric aldol reactions in water. <i>Tetrahedron Letters</i> , 2008 , 49, 1212-1216	2	117
76	1(R),2(R)-Bis[(S)-prolinamido]cyclohexane/[bmim][BF ₄] ionic liquid as an efficient catalytic system for direct asymmetric aldol reactions. <i>Mendeleev Communications</i> , 2007 , 17, 277-278	1.9	12
75	Synthesis of conjugated polynitriles by the reactions of N-dimethylaminoacrolein ainal and 1-dimethylamino-1,3,3-trimethoxypropane with 2-dicyanomethylene-4,5,5-trimethyl-3-cyano-2,5-dihydrofuran. <i>Mendeleev Communications</i> , 2007 , 17, 349-351	1.9	4
74	One-pot synthesis of substituted styrenes from vicinal dibromoalkanes and arylboronic acids. <i>Russian Chemical Bulletin</i> , 2007 , 56, 122-129	1.7	3
73	Cross-coupling of polychlorobenzenes with phenylboronic acid in the presence of [Pd]-imidazolium salts as catalytic systems. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1467-1469	1.7	8
72	Synthesis of nitro derivatives of oxocarboxylic and glutaric acids in heterogeneous catalytic system ionic liquid HCO ₃ . <i>Russian Chemical Bulletin</i> , 2007 , 56, 1487-1494	1.7	0
71	Synthesis of N-propargylanabasine derivatives by the mannich reaction. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1637-1647	1.7	6
70	Reactions of N-dimethylaminoacrolein ainal and 3-dimethylamino-1,1,3-trimethoxypropane with 3-(dicyanomethylidene)indan-1-one and 1,3-bis(dicyanomethylidene)indane. <i>Russian Chemical Bulletin</i> , 2007 , 56, 2258-2262	1.7	3
69	Asymmetric hydrogenation of the CO bond with the recycling of an organometal catalyst deposited on a solid organic polyelectrolyte. <i>Mendeleev Communications</i> , 2007 , 17, 20-21	1.9	5
68	Chemical functionalisation of polychloroarenes. <i>Russian Chemical Reviews</i> , 2007 , 76, 885-916	6.8	7
67	The (S)-Proline/Polyelectrolyte System: An Efficient, Heterogeneous, Reusable Catalyst for Direct Asymmetric Aldol Reactions. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2000-2004	3.2	33
66	Synthetic Utilization of Polynitro Aromatic Compounds. 5. Multi-Centered Reactivity Pattern in Reactions of 4,6-Dinitro-1,2-benzisothiazoles and -isothiazol-3(2H)-ones with C-, N-, O-, S-, and F-Nucleophiles. <i>Heterocycles</i> , 2006 , 68, 2483	0.8	7
65	One-step solvent-free synthesis of fluoroalkyl-substituted 4-hydroxy-2-oxo(thioxo)hexahydropyrimidines in the presence of 1-butyl-3-methylimidazolium tetrafluoroborate. <i>Russian Journal of Organic Chemistry</i> , 2006 , 42, 1392-1395	0.7	12
64	Reactions of N-dimethylaminoacrolein ainal and 3-dimethylamino-1,1,3-trimethoxypropane with alkylidenemalononitriles. <i>Mendeleev Communications</i> , 2006 , 16, 326-327	1.9	7
63	Bis(tetrazolyl)benzenes as ligands in the Suzuki reaction: Promoters or inhibitors?. <i>Russian Chemical Bulletin</i> , 2006 , 55, 118-122	1.7	10
62	1,3,4,6-Tetramethyl-2,5-dioxabicyclo-[2.2.2]octane-3,6-diol: An example of a new bicyclic hemiketal. <i>Chemistry of Heterocyclic Compounds</i> , 2006 , 42, 591-593	1.4	1
61	Tetraalkylammonium and 1,3-Dialkylimidazolium Salts with Fluorinated Anions as Recoverable Phase-Transfer Catalysts in Solid Base-Promoted Cross-Aldol Condensations. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2822-2827	3.2	26
60	Reactions of polychlorophenyllithium compounds with electrophiles. <i>Russian Chemical Bulletin</i> , 2005 , 54, 964-969	1.7	4

59	Cross-coupling of polychloroarenes with phenylboronic acid and organozinc compounds catalyzed by palladium complexes. <i>Russian Chemical Bulletin</i> , 2005 , 54, 970-974	1.7	7
58	Reaction of aromatic aldehydes with β -dicarbonyl compounds in a catalytic system: Piperidinium acetate-1-butyl-3-methylimidazolium tetrafluoroborate ionic liquid. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1233-1238	1.7	9
57	Asymmetric Pd-catalyzed allylic amination of 1,3-diphenylallyl acetate with dipropylamine in ionic and molecular solvents. <i>Russian Chemical Bulletin</i> , 2005 , 54, 2558-2561	1.7	1
56	Synthesis of 4-amino-substituted but-2-en-4-olides. <i>Russian Chemical Bulletin</i> , 2005 , 54, 2857-2866	1.7	2
55	Alkylammonium and Alkylimidazolium Perhaloborates, Phosphates, and Aluminates as Catalysts in the Biginelli Reaction. <i>Russian Journal of Organic Chemistry</i> , 2005 , 41, 512-516	0.7	31
54	Cross-condensation of derivatives of cyanoacetic acid and carbonyl compounds. 2. One-pot synthesis of substituted 2-amino-7-methyl-5-oxo-4,5-dihydropyrano[4,3-b]pyrans in ethanol and ionic liquid [bmim][PF ₆]. <i>Russian Chemical Bulletin</i> , 2004 , 53, 573-579	1.7	10
53	Reactions of α -CH-acids with β -unsaturated aldehydes in ionic liquids. <i>Russian Chemical Bulletin</i> , 2004 , 53, 647-651	1.7	5
52	Synthesis of derivatives of prenylacetic acids by reactions of alkyl malonate, cyanoacetate, and acetoacetate with alkylating reagents in ionic liquids. <i>Russian Chemical Bulletin</i> , 2004 , 53, 652-658	1.7	3
51	Stereoselective synthesis of analogs of natural isoprenoids based on the reaction of alkyl 4-dialkoxyphosphoryl-3-methylbut-2-enoates with aldehydes in ionic liquids and in an imidazolium salt/benzene system. <i>Russian Chemical Bulletin</i> , 2004 , 53, 659-664	1.7	3
50	Unusual oxidative dehydration of vic-[alkyl(aryl)thio]-substituted aromatic (heteroaromatic) carboxamides. <i>Russian Chemical Bulletin</i> , 2004 , 53, 916-924	1.7	1
49	Alkylation of 2,3,6,11-tetrahydroanthra[2,1-d]isothiazole-3,6,11-trione and its S-oxide. <i>Russian Chemical Bulletin</i> , 2003 , 52, 755-758	1.7	2
48	Synthesis of 3-methoxy-5-oxo-6-phenyl-5,6-dihydro-4H-isothiazolo[5,4-b]-1,4-thiazine 7,7-dioxide, the first representative of a new heterocyclic system. <i>Russian Chemical Bulletin</i> , 2002 , 51, 187-188	1.7	3
47	Nitro derivatives of cyclic sulfoximides of the 1,2-benzisothiazole series. <i>Russian Chemical Bulletin</i> , 2002 , 51, 1549-1555	1.7	4
46	Synthesis of β -unsaturated esters from dialkoxyphosphoryl esters and aldehydes in the ionic liquid [bmim][PF ₆]. <i>Mendeleev Communications</i> , 2002 , 12, 176-177	1.9	9
45	Alkylation of malonic and acetoacetic esters in an ionic liquid. <i>Mendeleev Communications</i> , 2002 , 12, 57-58g		9
44	Unusual scission of 3,7-dichlorobisisothiazolo[4,5-b:4''',5''-e]pyrazine by nucleophiles. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1287-1290	1.7	2
43	Synthesis of linear and angular anthraquinonoisothiazol-3-ones, their S-oxides, and S,S-dioxides. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1657-1662	1.7	2
42	Synthesis of 2,3-Dihydrobenzothiazol-1,1-dioxide and 2,3-Dihydro-1,4-benzothiazin-3-one Nitroderivatives from 2,4-Di- and 2,4,6-Trinitrobenzamides. <i>Synthesis</i> , 2001 , 2001, 0300-0304	2.9	8

41	Selective Synthesis of 1,2-Benzisothiazol-3-one-1-Oxide Nitro Derivatives. <i>Synthesis</i> , 2001 , 2001, 1659-1664	6.4	8
40	Synthetic utilization of polynitroaromatic compounds. 1. S-derivatization of 1-substituted 2,4,6-trinitrobenzenes with thiols. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8430-8	4.2	33
39	Synthesis of 5-bromo-4-dibromoamino-3-phenylisothiazole and its light-induced conversion into 3,7-diphenylbis(isothiazolo[4,5-b:4',5'-e]pyrazine. <i>Russian Chemical Bulletin</i> , 2000 , 49, 956-957	1.7	5
38	Synthetic utilization of polynitroaromatic compounds. 2. Synthesis Of 4,6-dinitro-1,2-benzisothiazol-3-ones and 4,6-dinitro-1,2-benzisothiazoles from 2-benzylthio-4,6-dinitrobenzamides. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8439-43	4.2	21
37	MethylN-(benzylsulfonyl)oxamate as a probable intermediate in the synthesis of 4-hydroxy-5-phenyl-3(2H)-isothiazolone 1,1-dioxide from phenylmethanesulfamide and dimethyl oxalate in the presence of bases. <i>Russian Chemical Bulletin</i> , 1999 , 48, 394-395	1.7	1
36	Light-induced synthesis of 3,7-disubstituted bis(isothiazolo[4,5-b:4',5'-e]pyrazines from 3-substituted 4-dibromoamino-5-haloisothiazoles. <i>Russian Chemical Bulletin</i> , 1999 , 48, 1339-1340	1.7	5
35	Palladium-catalyzed reaction of bromine- and iodine-containing isothiazoles with olefins. <i>Russian Chemical Bulletin</i> , 1998 , 47, 517-519	1.7	7
34	Alkynylisothiazoles. <i>Russian Chemical Bulletin</i> , 1998 , 47, 519-523	1.7	9
33	Synthesis of 3,4:7,8:11,12-trifurazano-1,2,5,6,9,10-hexaazacyclododeca-1,3,5,7,9,11-hexaene-1,5,9-trioxide. <i>Mendeleev Communications</i> , 1997 , 7, 7	1.9	2
32	Synthesis of bromine- and iodine-containing perhaloisothiazoles. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1792-1794	1.7	2
31	Synthesis of N-(amidomethyl)- and N-(imidomethyl)-amino acid esters by reactions of amino acid esters with formaldehyde and amides or imides. <i>Russian Chemical Bulletin</i> , 1996 , 45, 1670-1679	1.7	
30	Chemical properties of N-(amidomethyl)- and N-(imidomethyl)glycine derivatives 2. Reactions at alkoxy carbonyl and carboxyl groups. <i>Russian Chemical Bulletin</i> , 1996 , 45, 1680-1687	1.7	3
29	Synthesis of functional derivatives of N-carboxamidomethyl- and N-phthalimidomethyl- α -amino acids and peptides by reaction of amides and nitriles of amino acids with formaldehyde and primary amides or phthalimide. <i>Russian Chemical Bulletin</i> , 1996 , 45, 1410-1418	1.7	
28	Formation of hexahydro-1,3,5-triazin-2-one and hexahydro-1,3,5-triazin-2-thione derivatives in reactions of glycylglycine with paraformaldehyde and N,N'-disubstituted ureas and thioureas. <i>Russian Chemical Bulletin</i> , 1996 , 45, 737-738	1.7	
27	Chemical properties of N-(amidomethyl)- and N-(imidomethyl)glycine derivatives. <i>Russian Chemical Bulletin</i> , 1995 , 44, 1252-1259	1.7	
26	Synthesis of N-(imidomethyl)glycine esters from alkyl glycinates, imides of dicarboxylic acids, and formaldehyde. <i>Russian Chemical Bulletin</i> , 1995 , 44, 1260-1261	1.7	
25	Synthesis and properties of functional derivatives of N ⁺ -phosphoryl- and N ⁺ -phosphonyldiazene N-oxides; molecular structure of N-(2,2-dimethyl-5-nitro-1,3-dioxan-5-yl)-N ⁺ -[methoxy(phenyl)phosphoryl]diazene N-oxide. <i>Russian Chemical Bulletin</i> , 1994 , 43, 1220-1226	1.7	
24	Synthesis and properties of N ⁺ -(phosphorylalkyl)diazene N-oxides. <i>Russian Chemical Bulletin</i> , 1994 , 43, 1227-1230	1.7	

- 23 Synthesis of alkyl-N-(β -amidomethyl)glycinates from glycine esters, aroylamides, and formaldehyde. *Russian Chemical Bulletin*, **1994**, 43, 1015-1017 1.7
- 22 Formation of asymmetric N-hydroxyaryl-N'-aryl(hetaryl)diazenes in the reaction of N-aryl(hetaryl)-N'-phosphoryldiazene-N-oxides with bases. *Russian Chemical Bulletin*, **1993**, 42, 577-579 1.7 1
- 21 Synthesis of 3-substituted 4-imino-4,5-dihydro-1,2,3-triazole 1-oxides and 4-amino-1,2,3-triazole 1-oxides. Crystal and molecular structure of 4-imino-5,5-dimethyl-3-phenyl-4,5-dihydro-1,2,3-triazole 1-oxide. *Russian Chemical Bulletin*, **1993**, 42, 711-717 1.7 1
- 20 Synthesis of N'-phosphinatodiazene N-oxides. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 2096-2103
- 19 Formation of O,N-disubstituted hydroxylamines and ketoxime esters in reactions between triazene 1-oxides and bases. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1895-1900 1
- 18 Reaction of 1,1-disubstituted hydrazines with bromine in the presence of aryl- and heteroaryl nitroso compounds in acid media: A general method for the synthesis of 1-aryl(heteroaryl)-3,3-disubstituted triazene 1-oxides. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1489-1492 0
- 17 Reaction of aryldiazonium salts with acetone oxime. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1495-1496
- 16 Reaction of nitroso compounds with amidophosphates in the presence of dibromoisocyanurate: Regiospecific synthesis of N'-phosphonatodiazene-N-oxides. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 902-913 1
- 15 Dibromoisocyanuric acid [A new reagent for the preparation of azo compounds from heterocyclic amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1727-1727 5
- 14 Chemical properties of N'-cyanodiazene N-oxides. Reactions involving the nitrile group. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1460-1466 5
- 13 New regiospecific methods for the synthesis of N'-cyanodiazene N-oxides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 2560-2565 4
- 12 Regiospecific method for the synthesis of N,N'-dialkyldiazene N-oxides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1505-1506 1
- 11 Reaction of 1,1-disubstituted hydrazines with dibromoisocyanurate in the presence of nitrosobenzene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1526-1528
- 10 Reaction of nitrosobenzene with 1,1-dialkyldiazonium salts as a new method for the synthesis of 3,3-dialkyltriazene 1-oxides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 2422-2423
- 9 The formation of 1-aryl-3,3-disubstituted triazenes in the reaction of 1-acyl-1-alkyl- and 1-alkoxycarbonyl-1-alkylhydrazines with nitrosobenzene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1078-1079
- 8 5-Nitroalkyl- and 5-dinitroalkyltetrazoles. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 215-216 0
- 7 Synthesis of N'-methoxydiazene N-oxide derivatives of malonate and cyanoacetate esters. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2125-2126 1
- 6 Interconversion of isomeric tetrazole derivatives. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 223-223 1

- 5 High-pressure synthesis of tetrazoles from cyanates and organic azides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 567-572
- 4 Use of ($^3 J_{\{^{15}N\}C}$) in the conformational analysis of the 2-substituted 7-nitro (15NO₂)norbornanes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 1183-1187 1
- 3 Reaction of NO₂BF₄, with olefins in acetic anhydride. 1. Nitration of cyclenes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 2121-2127
- 2 Reaction of NO₂BF₄ with alkenes in acetic anhydride. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 2196-2198
- 1 Synthesis and polymerization of unsaturated derivatives of adamantane. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 2556-2558