

Bagrat A Shainyan

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.

283
papers

2,189
citations

19
h-index

27
g-index

324
ext. papers

2,453
ext. citations

1.9
avg, IF

5.45
L-index

#	Paper	IF	Citations
283	Reactions of carboxamides with vinylsilanes under oxidative conditions. <i>Journal of Organometallic Chemistry</i> , 2022 , 960, 122230	2.3	0
282	Supramolecular structure of the product of unusual [2C=Cl+2C=N] cycloaddition of dicyclohexylcarbodiimide to N-(3-methylbut-2-en-1-ylidene)triflamide. <i>Journal of Molecular Structure</i> , 2022 , 1250, 131676	3.4	1
281	Reaction of N,N-Dichlorosulfonamides with Ethynyl(trimethyl)silane. <i>Russian Journal of Organic Chemistry</i> , 2022 , 58, 484-487	0.7	
280	Synthesis and structure of tetrakis[(chloromethyl)dimethylsilylethynyl]silane and -germane. <i>Mendeleev Communications</i> , 2022 , 32, 379-381	1.9	
279	One-pot assembling of selenazolines from elemental selenium, alkenes and acetonitrile. <i>Mendeleev Communications</i> , 2022 , 32, 395-396	1.9	0
278	Self-Oxidation of the Condensation Product of Indane-1,3-dione with Quinoline-2-carbaldehyde. <i>Russian Journal of Organic Chemistry</i> , 2021 , 57, 1887-1889	0.7	0
277	Oxidative sulfamidation and further heterocyclization of trivinyl and tetravinylsilanes. <i>Journal of Organometallic Chemistry</i> , 2021 , 956, 122131	2.3	0
276	At the Experimental Limit of the NMR Conformational Analysis: Si and C NMR Study of the Conformational Equilibrium of 1-Phenyl-1--butylsilacyclohexane. <i>Organic Letters</i> , 2021 , 23, 405-409	6.2	
275	Theoretical Density Functional Theory Study of Electrocatalytic Activity of MN-Doped (M = Cu, Ag, and Zn) Single-Walled Carbon Nanotubes in Oxygen Reduction Reactions. <i>ACS Omega</i> , 2021 , 6, 374-387	3.9	3
274	1,1,1-Trifluoro-N-phenyl-N-(1H-tetrazol-5-ylmethyl)methanesulfonamide. <i>Russian Journal of Organic Chemistry</i> , 2021 , 57, 476-478	0.7	
273	Tautomerism of N-(2-Bromo-3-ethoxypropyl)-N'-trifluoromethylsulfonylacetamidine. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 657-660	0.7	0
272	Modern Approaches to the Synthesis and Transformations of Practically Valuable Benzothiazole Derivatives. <i>Molecules</i> , 2021 , 26,	4.8	6
271	Solvent-dependent oxidative triflamidation of alkenes and N(O)-Heterocyclization of the products. <i>Tetrahedron</i> , 2021 , 88, 132145	2.4	0
270	Electron and Proton Donating Ability of the Pyrrolyl and Diazolyl Derivatives of Cycloalkanones. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 991-1008	0.7	
269	2-(1H-diazol-2-ylmethylene)indane-1-ones and 2-(1H-diazol-2-ylmethylene)-1H-indene-1,3(2H)-diones: Photoisomerization and hydrogen-bonding-induced association. <i>Tetrahedron</i> , 2021 , 77, 131755	2.4	1
268	Single Si-doped fullerene as a catalyst in the oxygen reduction reaction: A quantum chemical insight. <i>International Journal of Quantum Chemistry</i> , 2021 , 121, e26565	2.1	1
267	Oxidative sulfonamidation of O-containing vinylsilanes. A new route to novel heterocycles and amidines. <i>Journal of Organometallic Chemistry</i> , 2021 , 951, 122010	2.3	0

266	Theoretical Analysis of the Reactivity of N-[2-Bromo-2-(trimethylsilyl)ethyl]sulfonamides and Their Self-Association. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 2373-2379	0.7	
265	Trifluoromethanesulfonamide vs. Non-Fluorinated Sulfonamides in Oxidative Sulfamidation of the C=C Bond: An In Silico Study. <i>Molecules</i> , 2020 , 25,	4.8	2
264	N,N-Bis(cyanomethyl)trifluoromethanesulfonamide. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 716-718	0.7	0
263	New oxyalkyl derivatives of trifluoromethanesulfonamide: Dynamic rivalry between different types of chain and cyclic associates in different phase states. <i>Journal of Molecular Structure</i> , 2020 , 1219, 12853-12854	3.4	1
262	Single Si-Doped Graphene as a Catalyst in Oxygen Reduction Reactions: An In Silico Study. <i>ACS Omega</i> , 2020 , 5, 15268-15279	3.9	9
261	Oxidant effect, skeletal rearrangements and solvent interception in oxidative triflamidation of norbornene and 2,5-norbornadiene. <i>Tetrahedron</i> , 2020 , 76, 131018	2.4	5
260	N, N'-Bis(trifluoromethanesulfonyl) Dicarboxylic Acid Amides. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 63-67	0.7	0
259	Chlorotriflamidation of vinylsilanes with N,N-dichlorotriflamide. <i>Mendeleev Communications</i> , 2020 , 30, 117-118	1.9	8
258	Silacyclohexanes, Sila(hetero)cyclohexanes and Related Compounds: Structure and Conformational Analysis. <i>Molecules</i> , 2020 , 25,	4.8	3
257	E- π photoinduced isomerization and hydrogen bonding in the peri-acetamido substituted (1H-pyrrol-2-ylmethylene)benzocycloalkanones. <i>Tetrahedron</i> , 2020 , 76, 131202	2.4	4
256	Divergent reactivity of divinylsilanes toward sulfonamides in different oxidative systems.. <i>RSC Advances</i> , 2020 , 10, 40514-40528	3.7	5
255	Oxidative sulfamidation as a route to N-heterocycles and unsaturated sulfonamides. <i>Pure and Applied Chemistry</i> , 2020 , 92, 123-149	2.1	6
254	1-t-Butyl-1-phenyl-1-silacyclohexane: Synthesis, conformational analysis in gas and solution by GED, FT-IR and theoretical calculations. <i>Journal of Organometallic Chemistry</i> , 2020 , 923, 121433	2.3	1
253	Heterocyclization and solvent interception upon oxidative triflamidation of allyl ethers, amines and silanes. <i>Tetrahedron</i> , 2020 , 76, 131374	2.4	11
252	The reaction of chloroalkyl(vinyl)silanes with N,N-dichloro sulfonamides. <i>Mendeleev Communications</i> , 2020 , 30, 794-795	1.9	3
251	Si-Doped Single-Walled Carbon Nanotubes as Potential Catalysts for Oxygen Reduction Reactions. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 454-459	0.7	3
250	N-(2,3-Dihydroxy-4-iodo-2,3-dimethylbutyl)trifluoroacetamide: Hydrogen Bonds in Crystal and Solution. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 1564-1569	0.7	
249	Tetrel Bonding along the Pathways of Transsilylation and Alkylation of N-Trimethylsilyl-N-methylacetamide with Bifunctional (Chloromethyl)fluorosilanes. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 5178-5189	2.8	3

248	2-Indazole Tautomers Stabilized by Intra- and Intermolecular Hydrogen Bonds. <i>Journal of Organic Chemistry</i> , 2019 , 84, 9075-9086	4.2	4
247	Identification of Active Sites for Oxygen Reduction Reaction on Nitrogen- and Sulfur-Codoped Carbon Catalysts. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 16065-16074	3.8	15
246	Conformational Analysis of (1,1?-Phenyl-1,1?-silacyclohex-1-yl)disiloxane. DFT and Low-Temperature ¹³ C NMR Spectroscopy Study. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 713-716 ^{0.7}	0.7	1
245	Unusual Transformations of Highly Unsaturated Trifluoromethanesulfonamide Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 351-353	0.7	
244	Reaction of N-Phenyltrifluoromethanesulfonamide with Carbodiimides. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 395-398	0.7	
243	Very low-temperature dynamic Si NMR study of the conformational equilibrium of (1,1?phenyl-1,1?silacyclohex-1-yl)disiloxane. <i>Magnetic Resonance in Chemistry</i> , 2019 , 57, 317-319	2.1	3
242	Three-Component Reaction of Sulfonamides with Acetylene and Amines. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 179-185	0.7	1
241	Organofluorine chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2019 , 88, 425-569	6.8	90
240	Conformational rivalry of geminal substituents in silacyclohexane derivatives: 1-Phenyl vs. 1-OR, R=H or Me. <i>Tetrahedron</i> , 2019 , 75, 3038-3045	2.4	3
239	Solvent interception, heterocyclization and desilylation upon NBS-induced sulfamidation of trimethyl(vinyl)silane. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 7927-7937	3.9	17
238	Reaction of N,N?-Methylenebis(trifluoromethanesulfonamide) with Styrene under Oxidative Conditions. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 734-736	0.7	
237	Oxidative sulfamidation of vinyl silanes: A route to diverse silylated N-Heterocycles. <i>Tetrahedron</i> , 2019 , 75, 4531-4541	2.4	12
236	1-Methylthio-1-phenyl-1-silacyclohexane: Synthesis, conformational preferences in gas and solution by GED, NMR and theoretical calculations. <i>Tetrahedron</i> , 2019 , 75, 130677	2.4	3
235	Intramolecular and intermolecular bifurcated hydrogen bonds in 2-pyrrolyl-7-hydroxy-2-methylidene-2,3-dihydro-1H-inden-1-one. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3924	2.1	4
234	Mechanism of Protodephenylation of 1,3-Silaheterocyclohexanes. Effect of Heteroatom. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 96-102	0.7	2
233	Unsaturated Derivatives of Trifluoromethanesulfonamide. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 3594-3608	3.2	5
232	Synthesis of 3-fluoro-3-methyl-3-silatetrahydropyran and its conformational preferences in gas and solution by GED, NMR and theoretical calculations. <i>Tetrahedron</i> , 2018 , 74, 1859-1867	2.4	6
231	Iodotriflamdation vs. Electrophilic Aromatic Iodination in the Reaction of N-Phenyltriflamide with Alkenes. <i>ChemistrySelect</i> , 2018 , 3, 5960-5964	1.8	4

230	Alkylation versus trans-silylation of N-methyl-N-trimethylsilylacetamide with ambident electrophiles (chloromethyl)fluorosilanes. <i>Journal of Organometallic Chemistry</i> , 2018 , 876, 66-77	2.3	5
229	Reactions of N-Allyl- and N-Propargyltriflimides with N,N'-Disubstituted Carbodiimides. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1103-1105	0.7	
228	Reactions of N-Allyl- and N,N-Diallyltrifluoromethanesulfonamides with Carboxylic Acid Amides under Oxidizing Conditions. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 855-860	0.7	3
227	Synthesis, conformational preferences in gas and solution, and molecular gear rotation in 1-(dimethylamino)-1-phenyl-1-silacyclohexane by gas phase electron diffraction (GED), LT NMR and theoretical calculations. <i>Tetrahedron</i> , 2018 , 74, 4299-4307	2.4	7
226	Molecular structure and conformational behavior of 1-methyl-1-phenylsilacyclohexane studied by gas electron diffraction, IR spectroscopy and quantum chemical calculations. <i>Tetrahedron</i> , 2017 , 73, 1127-1134 ¹⁰	2.4	10
225	Molecular Structure, Intramolecular Hydrogen Bonding, Solvent-Induced Isomerization, and Tautomerism in Azolymethylidene Derivatives of 2-Indanone. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1353-1364	3.2	10
224	Reaction of trifluoro-N-(oxo- λ -sulfanylidene)methanesulfonamide with pyrazolidin-3-ones. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 632-633	0.7	
223	1,4-Diphenyl-1,3-butadiene and 1,1,4,4-Tetraphenyl-1,3-butadiene in the Reactions of Oxidative Sulfamidation and Trifluoroacetamidation. <i>ChemistrySelect</i> , 2017 , 2, 4662-4666	1.8	4
222	Pathways of cycloaddition of carbodiimides to N-alkenylidenetriamides: A theoretical study. <i>Tetrahedron</i> , 2017 , 73, 2966-2971	2.4	4
221	X-ray, FTIR and DFT study of new iodine-containing derivatives of trifluoroacetamide. <i>Journal of Molecular Structure</i> , 2017 , 1141, 351-356	3.4	6
220	Molecular Structure and Conformational Analysis of 1-Phenyl-1-X-1-Silacyclohexanes (X = F, Cl) by Electron Diffraction, Low-Temperature NMR, and Quantum Chemical Calculations. <i>Journal of Organic Chemistry</i> , 2017 , 82, 461-470	4.2	10
219	Oxidative iodination of N-propargyltriflamide. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 953-954	0.7	5
218	Oxidative trifluoroacetamidation of (1E,3E)-1,4-diphenylbuta-1,3-diene and 1,1,4,4-tetraphenylbuta-1,3-diene. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 981-985	0.7	2
217	1-Phenyl-1-X-1-silacyclohexanes (X = MeO, OH, Me ₂ N). <i>Russian Journal of General Chemistry</i> , 2017 , 87, 1645-1648	0.7	5
216	Photoinduced Intramolecular Bifurcate Hydrogen Bond: Unusual Mutual Influence of the Components. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9075-9086	4.2	6
215	Oxidative addition/cycloaddition of arenesulfonamides and triflamide to N-allyltriflamide and N,N-diallyltriflamide. <i>RSC Advances</i> , 2017 , 7, 38951-38955	3.7	12
214	Conformational Preferences of the Phenyl Group in 1-Phenyl-1-X-1-silacyclohexanes (X = MeO, HO) and 3-Phenyl-3-X-3-silatetrahydropyrans (X = HO, H) by Low Temperature C NMR Spectroscopy and Theoretical Calculations. <i>Journal of Organic Chemistry</i> , 2017 , 82, 13414-13422	4.2	10
213	N-allyl and N-propargyl trifluoromethanesulfonimides. Theoretical analysis. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 1505-1509	0.7	2

212	Acid-base properties and supramolecular structure of N-[(hydroxymethyl)triazolyl]triflamides: DFT, ab initio, and FTIR study. <i>Journal of Physical Organic Chemistry</i> , 2017 , 30, e3623	2.1	2
211	Unsaturated derivatives of trifluoromethanesulfonimide. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 828-831	0.7	3
210	Heterocyclization of carboxy- and sulfonamides in the course of oxidative addition to unsaturated substrates. <i>Russian Chemical Bulletin</i> , 2017 , 66, 2212-2226	1.7	4
209	Stereochemistry and mechanism of oxidative 1,4-addition of trifluoroacetamide to 2,3-dimethylbuta-1,3-diene. <i>Mendeleev Communications</i> , 2017 , 27, 293-295	1.9	8
208	Unusual [2+2]-cycloaddition of carbodiimides to N-alkenylidene-triflamides. <i>Tetrahedron Letters</i> , 2016 , 57, 4440-4442	2	5
207	Cyclization of trifluoro-N-(prop-2-yn-1-yl)methanesulfonamides to N-(hydroxymethyl)-1,2,3-triazoles. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 1032-1035	0.7	4
206	Structure and conformational analysis of silacyclohexanes and 1,3-silaheterocyclohexanes. <i>Tetrahedron</i> , 2016 , 72, 5027-5035	2.4	13
205	Potassium 3-oxo-2,3-dihydro-1H-inden-4-olate: Formation, molecular and electronic structure. <i>Journal of Molecular Structure</i> , 2016 , 1123, 44-48	3.4	1
204	Basicity of trifluoromethylsulfonylformamidines. DFT and FTIR study and NBO analysis. <i>Journal of Physical Organic Chemistry</i> , 2016 , 29, 92-100	2.1	3
203	Synthesis and bromination/dehydrobromination of N,N-diallyltrifluoromethanesulfonamide. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 1738-1742	0.7	3
202	Exploring photochemistry of p-bromophenylsulfonyl, p-tolylsulfonyl and methylsulfonyl azides by ultrafast UV-pump-IR-probe spectroscopy and computations. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 8662-72	3.6	12
201	Synthesis and properties of N-(alkenylidene)trifluoromethanesulfonamides. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 499-502	0.7	2
200	Homo and hetero glaser coupling involving acetylene derivatives of trifluoromethanesulfonamide. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 192-195	0.7	4
199	1-Phenyl-1-halo-1-silacyclohexanes. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 1854-1858	0.7	5
198	Reaction of N-phenyltriflamide with 1,2-dibromoethane and propargyl bromide. Unexpected cleavage of C-N bonds. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 1112-1117	0.7	4
197	Stereochemistry of 3-isopropoxy-3-methyl-1,3-oxasilinane: the first 3-silatetrahydropyran with an exo-cyclic RO ₂ Si bond. <i>Tetrahedron</i> , 2015 , 71, 6720-6726	2.4	5
196	A convenient synthesis and structure of N-trifluoromethylsulfonylamidines. <i>Tetrahedron</i> , 2015 , 71, 7906-7910	2.1	8
195	Oxidative cycloaddition of electron-deficient arenesulfonamides to hexa-1,5-diene. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 888-892	0.7	8

194	Mono- and disubstituted highly unsaturated trifluoromethanesulfonamide derivatives. Theoretical analysis. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 605-609	0.7	3
193	Highly unsaturated trifluoromethanesulfonamide derivatives. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 601-604	0.7	13
192	Reaction of sodium bis(trimethylsilyl)amide with bromotoluenes. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 335-340	0.7	2
191	Stability of S,S-diamino- λ -sulfanes. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 472-475	0.7	
190	Trifluoromethanesulfonamide: X-ray single-crystal determination and quantum chemical calculations. <i>Journal of Physical Organic Chemistry</i> , 2015 , 28, 485-489	2.1	9
189	Molecular structure and conformational analysis of 3-methyl-3-phenyl-3-silatetrahydropyran. Gas-phase electron diffraction, low-temperature NMR and quantum chemical calculations. <i>Tetrahedron</i> , 2015 , 71, 3810-3818	2.4	18
188	The hydrolysis of (OSi)-chelate [N-(acetamido)methyl]dimethylchlorosilanes. DFT and MP2 study, QTAIM and NBO analysis. <i>Computational and Theoretical Chemistry</i> , 2015 , 1070, 162-173	2	4
187	Molecular Structure and Photoinduced Intramolecular Hydrogen Bonding in 2-Pyrrolylmethylidene Cycloalkanones. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10521-35	4.2	18
186	Molecular structure and conformational analysis of 3-methyl-3-silathiane by gas phase electron diffraction, FTIR spectroscopy and quantum chemical calculations. <i>Journal of Molecular Structure</i> , 2015 , 1100, 555-561	3.4	10
185	Bromination of highly unsaturated trifluoromethanesulfonamide derivatives. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 931-935	0.7	5
184	Oxidative addition of trifluoroacetamide to alkenes, 2,5-dimethylhexa-2,4-diene and conjugated cyclic dienes. <i>Tetrahedron</i> , 2015 , 71, 8669-8675	2.4	13
183	Synthesis and Conformational Analysis of 3-Methyl-3-silatetrahydropyran by GED, FTIR, NMR, and Theoretical Calculations: Comparative Analysis of 1-Hetero-3-methyl-3-silacyclohexanes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12492-500	4.2	14
182	An efficient one-pot protocol for the synthesis of phenyl substituted 3-silatetrahydropyrans. <i>Tetrahedron</i> , 2015 , 71, 599-604	2.4	9
181	S-functional derivatives of 3,4-dihydro-2H-1,4-thiasilines. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2743-2747	0.7	1
180	Triflamidomethyl and oxymethyl derivatives of 1,2,3-triazoles. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2309-2312	0.7	0
179	Apicophilicity versus Hydrogen Bonding. Intramolecular Coordination and Hydrogen Bonds in N-[(Hydroxydimethylsilyl)methyl]-N,N'-propyleneurea and Its Hydrochloride. DFT and FT-IR Study and QTAIM and NBO Analysis. <i>Organometallics</i> , 2014 , 33, 2641-2652	3.8	10
178	Computational study of singlet and triplet sulfonylnitrenes insertion into 1,3-butadienes: 1,2- or 1,4-cycloaddition?. <i>Journal of Physical Organic Chemistry</i> , 2014 , 27, 527-531	2.1	3
177	Urea and thiourea complexes with trifluoromethanesulfonic acid and its derivatives. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 1247-1251	0.7	2

- 176 Effect of proton donors on the intramolecular coordination C=O- π in (acyloxymethyl)trifluorosilanes. Ab initio, DFT and FTIR study, QTAIM analysis. *Journal of Physical Organic Chemistry*, **2014**, 27, 892-901 2.1 2
- 175 Computational study of singlet and triplet sulfonylnitrenes insertion into the C-C or C-H bonds of ethylene. *Journal of Physical Organic Chemistry*, **2014**, 27, 794-802 2.1 4
- 174 Synthesis of 4,4-diphenyl-3,4-dihydro-2H-1,4-thiasilole. *Journal of Sulfur Chemistry*, **2014**, 35, 641-648 2.3 2
- 173 Unexpected formation of N, N', N''-trialkylguanidinium bis(trifluoromethylsulfonyl)imide salts from carbodiimides and bis(trifluoromethylsulfonyl)imide. *Journal of Fluorine Chemistry*, **2014**, 168, 40-43^{3.1} 5
- 172 Conformational flexibility of 4,4-dimethyl-3,4-dihydro-2H-1,4-thiasilole and its monoheterocyclic analogs. *Russian Journal of General Chemistry*, **2014**, 84, 1325-1329 0.7 2
- 171 Assembling of 3,6-diazabicyclo[3.1.0]hexane framework in oxidative triflamidation of substituted buta-1,3-dienes. *Tetrahedron*, **2014**, 70, 8636-8641 2.4 19
- 170 Molecular structure and conformations of 1-phenyl-1-silacyclohexane from gas-phase electron diffraction and quantum chemical calculations. *Structural Chemistry*, **2014**, 25, 1677-1685 1.8 19
- 169 Oxidative addition of trifluoromethanesulfonamide to cycloocta-1,3-diene. Ring contraction rearrangement. *Russian Journal of Organic Chemistry*, **2014**, 50, 445-446 0.7 9
- 168 N-Propargyltrifluoromethanesulfonamide. *Russian Journal of Organic Chemistry*, **2014**, 50, 747-748 0.7 13
- 167 Conformations and Self-association of Trifluoro-N-(3-formylcyclohept-2-en-1-yl)methanesulfonamide. *Russian Journal of Organic Chemistry*, **2014**, 50, 337-341 0.7 12
- 166 N,N'-(hexa-2,4-diyne-1,6-diyl)bis(trifluoromethanesulfonamide). *Russian Journal of Organic Chemistry*, **2014**, 50, 1835-1836 0.7 10
- 165 N-benzyl-N-[(E)-2-phenylethenyl]trifluoromethanesulfonamide. *Russian Journal of Organic Chemistry*, **2014**, 50, 1093-1096 0.7 4
- 164 Conformational equilibrium and dynamic behavior of bis-N-triflyl substituted 3,8-diazabicyclo[3.2.1]octane. *Magnetic Resonance in Chemistry*, **2014**, 52, 448-52 2.1 3
- 163 Sulfonyl nitrenes from different sources: computational study of formation and transformations. *Journal of Physical Organic Chemistry*, **2014**, 27, 156-162 2.1 12
- 162 Novel design of 3,8-diazabicyclo[3.2.1]octane framework in oxidative sulfonamidation of 1,5-hexadiene. *Tetrahedron*, **2014**, 70, 4547-4551 2.4 19
- 161 Bromination-dehydrobromination/debromination of N-Methyl-N-(2-phenylethenyl)trifluoromethanesulfonamide. *Russian Journal of Organic Chemistry*, **2013**, 49, 924-926 0.7 11
- 160 The products of substitution and cyclization in the reaction of (2-bromoethyl)(3-chloropropyl)dimethylsilane with triflamide. *Russian Journal of General Chemistry*, **2013**, 83, 453-461 0.7 1
- 159 Synthesis and properties of N-(allyl)trifluoromethanesulfonamide. *Russian Journal of Organic Chemistry*, **2013**, 49, 922-923 0.7 13

158	Intra- and intermolecular hydrogen bonds in pyrrolylindandione derivatives and their interaction with fluoride and acetate: possible anion sensing properties. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 11346-56	2.8	12
157	Reaction of trifluoromethanesulfonamide with heterodienes under oxidation conditions. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1567-1571	0.7	7
156	Experimental and theoretical investigation of self-association in inert environment of new triflamide derivatives. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1594-1599	0.7	9
155	Electronic structure and basicity of trifluoro-N-methyl-N-(2-phenylethenyl)methanesulfonamide. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 999-1003	0.7	1
154	Reaction of Carbodiimides with trifluoromethanesulfonic acid. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1853-1858	0.7	2
153	N-allenyl-N-benzyltrifluoromethanesulfonamide. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1112-1116	0.7	13
152	Carbenes and nitrenes. An overview. <i>Computational and Theoretical Chemistry</i> , 2013 , 1006, 52-61	2	14
151	Trifluoromethanesulfonamides and related compounds. <i>Chemical Reviews</i> , 2013 , 113, 699-733	68.1	80
150	4,4-Dimethyl-3,4-dihydro-2H-1,4-thiasilole: the first cyclic organosilicon vinyl sulfide. <i>Mendeleev Communications</i> , 2013 , 23, 255-256	1.9	4
149	1,3-Dimethyl-3-silapiperidine: synthesis, molecular structure, and conformational analysis by gas-phase electron diffraction, low temperature NMR, IR and Raman spectroscopy, and quantum chemical calculations. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3939-47	4.2	21
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136	N-(Trimethylsilylmethyl)trifluoromethanesulfonamide. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 1311-1312	0.7	2
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133	Oxidative addition of trifluoromethanesulfonamide to cycloalkadienes. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 1530-1535	0.7	9
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14	Selective Aromatic Electrochemical Fluorination of Methyl Phenyl Sulfone. <i>Russian Journal of Organic Chemistry</i> , 2002 , 38, 1462-1464	0.7	0
13	Transformations of the chiral diphosphine rhodium catalyst [(1,5-COD)Rh(<i>R,R</i> -DIOP)]+CF ₃ SO ₃ under conditions of hydrogenation. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1855-1859	1.7	2
12	Enantioselective hydrogenation in the presence of the rhodium(i) complex with (+)-4 <i>S</i> ,5 <i>S</i> -N ₄ ,N ₄ ,N ₅ ,N ₅ ,2,2-hexamethyl-1,3-dioxolane-4,5-dimethaneamine. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1860-1866	1.7	1
11	N,N-Bis(trifluoromethanesulfonyl)oxamide. <i>Russian Journal of General Chemistry</i> , 2001 , 71, 993-993	0.7	3
10	Unexpected Transformation of Butyl Vinyl Ether Treated with HF. <i>Russian Journal of Organic Chemistry</i> , 2001 , 37, 1177-1178	0.7	0
9	Trifluoromethanesulfonyl Azide as a Convenient Reagent for Synthesis of Triazoles. <i>Russian Journal of Organic Chemistry</i> , 2001 , 37, 1797-1798	0.7	9
8	Transformations of 4,5-Substituted (4 <i>S</i> ,5 <i>S</i>)-2,2-Dimethyl-1,3-dioxolanes. <i>Russian Journal of Organic Chemistry</i> , 2001 , 37, 1757-1761	0.7	3
7	Synthesis of acyclic and bicyclic sulfimides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 3140-3142		8
6	The sila-Pummerer rearrangement of 3,3-dimethyl-3-silathiane S-oxide. <i>Tetrahedron Letters</i> , 1999 , 40, 185-188	2	13
5	Oxidation of aryl vinyl sulfides in the BuOOH/i(O <i>Pri</i>) ₄ (<i>R,R</i>)-diethyl tartrate system. <i>Russian Chemical Bulletin</i> , 1998 , 47, 1825-1827	1.7	
4	Substitution of 9-(Bromo-arylmethylene)fluorenes by thiolate ions in aqueous acetonitrile. <i>Journal of Physical Organic Chemistry</i> , 1997 , 10, 871-878	2.1	1
3	The Carbon-Nitrogen Triad Prototropic Tautomerism. <i>Russian Chemical Reviews</i> , 1979 , 48, 107-117	6.8	35
2	Vinyl sulfides		7
1	Carbon nanotube-based titanium- and zirconium-doped [M ₄] type ORR catalysts. First principle study. <i>International Journal of Quantum Chemistry</i> , e26809	2.1	0