

# Victor Saloutin

## List of Publications by Citations

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345  
ext. papers

2,594  
ext. citations

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L-index

#	Paper	IF	Citations
3 <sup>20</sup>	Design, synthesis, computational and biological evaluation of new anxiolytics. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 6559-68	3.4	103
3 <sup>19</sup>	Organofluorine chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , <b>2019</b> , 88, 425-569	6.8	90
3 <sup>18</sup>	Fluorine-containing $\beta$ -diketones. <i>Russian Chemical Reviews</i> , <b>1981</b> , 50, 180-195	6.8	73
3 <sup>17</sup>	Biginelli condensations of fluorinated 3-oxo esters and 1,3-diketones. <i>Journal of Fluorine Chemistry</i> , <b>2000</b> , 103, 17-23	2.1	62
3 <sup>16</sup>	2-(Het)arylhydrazono-1,3-dicarbonyl compounds in organic synthesis. <i>Russian Chemical Reviews</i> , <b>2010</b> , 79, 31-61	6.8	59
3 <sup>15</sup>	Synthesis and the reactions of trifluoromethylated 1,2,3-triketones 2-(het)arylhydrazones and 4,7-dihydroazolo[5,1-c]triazines. <i>Journal of Fluorine Chemistry</i> , <b>2005</b> , 126, 1230-1238	2.1	40
3 <sup>14</sup>	(Het)aroylpyruvic acids and their derivatives as promising building blocks for organic synthesis. <i>Russian Chemical Reviews</i> , <b>2001</b> , 70, 921-938	6.8	38
3 <sup>13</sup>	The use of 2-(1-alkoxyalkylidene)-1,3-dicarbonyl compounds in organic synthesis. <i>Russian Chemical Reviews</i> , <b>2014</b> , 83, 120-142	6.8	36
3 <sup>12</sup>	Synthesis of fluorinated 2(3)-arylhydrazones of 1,2,3-tri(1,2,3,4-tetra)carbonyl compounds and their heterocyclization reactions. <i>Journal of Fluorine Chemistry</i> , <b>1998</b> , 92, 101-108	2.1	34
3 <sup>11</sup>	Synthesis of 7-Alkyl(aryl)-6-alkoxycarbonyl-5-fluoroalkyl-1,2,4-tri(tetr)azolo[1,5-a]pyrimidines. <i>Russian Journal of Organic Chemistry</i> , <b>2004</b> , 40, 902-907	0.7	34
3 <sup>10</sup>	Fluorine-containing $\beta$ -ketoesters. <i>Russian Chemical Reviews</i> , <b>1985</b> , 54, 1185-1200	6.8	33
3 <sup>09</sup>	Chemical methods of transformation of polychlorobiphenyls. <i>Russian Chemical Reviews</i> , <b>2010</b> , 79, 511-530	6.8	29
3 <sup>08</sup>	A concise approach to CF <sub>3</sub> -containing furan-3-ones, (bis)pyrazoles from novel fluorinated building blocks based on 2,3-butanedione. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 5714-5717	2	27
3 <sup>07</sup>	The First Synthesis of 4-Unsubstituted 3-(Trifluoroacetyl)coumarins by the Knoevenagel Condensation of Salicylaldehydes with Ethyl Trifluoroacetate Followed by Chromene-Coumarin Recyclization. <i>Synlett</i> , <b>2008</b> , 2008, 281-285	2.2	24
3 <sup>06</sup>	Cholinesterase and carboxylesterase inhibitors as pharmacological agents. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 967-984	1.7	23
3 <sup>05</sup>	Synthesis, analgesic and antipyretic activity of 2-(antipyrin-4-yl)hydrazones of 1,2,3-triketones and their derivatives. <i>Pharmaceutical Chemistry Journal</i> , <b>2006</b> , 40, 373-376	0.9	23
3 <sup>04</sup>	Dinuclear lanthanide-lithium complexes based on fluorinated $\beta$ -diketonate with acetal group: magnetism and effect of crystal packing on mechanoluminescence. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 40-49	6.8	22

303	Interaction of perfluoropent-2-ene and its 2-amino-4-imino derivative with ethylenediamine and with diethylenetriamine. <i>Journal of Fluorine Chemistry</i> , <b>1994</b> , 69, 25-29	2.1	21
302	Synthesis of Fluoroalkylated Dihydroazolo[1,5-a]pyrimidines and Their Ring-Chain Isomerism. <i>Heterocycles</i> , <b>2009</b> , 78, 435	0.8	19
301	Reactivity of polychlorinated biphenyls in nucleophilic and electrophilic substitutions. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 278, 491-9	12.8	18
300	Fluorocontaining 1,3-Dicarbonyl Compounds in the Synthesis of Pyrimidine Derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2001</b> , 37, 869-880	0.7	18
299	Synthesis of novel perfluoroalkyl-containing polyethers. <i>Journal of Fluorine Chemistry</i> , <b>2009</b> , 130, 438-443	1	17
298	Synthesis and structure of 2-ethoxy- and 2-aminomethylidene-3-fluoroalkyl-3-oxopropionates. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 945-955	0.7	17
297	The reactions of 2-ethoxymethylidene-3-oxo esters and their analogues with 5-aminotetrazole as a way to novel azaheterocycles. <i>Beilstein Journal of Organic Chemistry</i> , <b>2015</b> , 11, 385-91	2.5	16
296	Synthesis, molecular docking, and biological activity of polyfluoroalkyl dihydroazolo[5,1-c][1,2,4]triazines as selective carboxylesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 3997-4007	3.4	15
295	Reactions of fluorine-containing 3-oxo esters with aldehydes. <i>Journal of Fluorine Chemistry</i> , <b>2002</b> , 117, 1-7	2.1	15
294	Polyfluoroalkylated 1,3-thiazolines: synthesis from polyfluoro-2,3-epoxyalkanes. <i>Journal of Fluorine Chemistry</i> , <b>2000</b> , 104, 155-165	2.1	15
293	Fluorine-containing 1,3-Dicarbonyl Compounds and Their Derivatives. <i>Russian Chemical Reviews</i> , <b>1982</b> , 51, 736-745	6.8	15
292	Perfluorinated Acyl(aryl)pyruvates as Building Blocks for the Synthesis of Heterocycles. <i>Heterocycles</i> , <b>2000</b> , 52, 1411	0.8	15
291	Synthesis, molecular docking, and biological evaluation of 3-oxo-2-tolyhydrazinylidene-4,4,4-trifluorobutanoates bearing higher and natural alcohol moieties as new selective carboxylesterase inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 91, 103097	5.1	14
290	A Convenient Approach to CF <sub>3</sub> -Containing N-Heterocycles Based on 2-Methoxy-2-methyl-5-(trifluoromethyl)furan-3(2H)-one. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 5236-5245	3.2	14
289	Alkyl 2-arylhydrazinylidene-3-oxo-3-polyfluoroalkylpropionates as new effective and selective inhibitors of carboxylesterase. <i>Doklady Biochemistry and Biophysics</i> , <b>2015</b> , 465, 381-5	0.8	14
288	Peculiarities of cyclization of ethyl 2-ethoxymethylene-3-oxo-3-(polyfluoroalkyl)propionates with 3-amino-5-hydroxypyrazole. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 147, 15-21	2.1	14
287	Synthesis of polyfluoroalkylated 1,4-diazinols and 1,4-oxazinols using polyfluoro-2,3-epoxyalkanes + 13. <i>Journal of Fluorine Chemistry</i> , <b>1998</b> , 87, 49-55	2.1	14
286	Ring-chain isomerism of ethyl 7-polyfluoroalkyl-7-hydroxy-4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidine-6-carboxylates. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 276-277	1.9	14

- 285 Synthesis of fluoroalkyl-containing 1,2,3-triketone 2-hetarylhydrazones and their reactions with hydrazines. *Russian Chemical Bulletin*, **2004**, 53, 2584-2590 1.7 14
- 284 Interaction of 3-ethoxycarbonyl(carboxy)-substituted 5,6,7,8-tetrafluorochromones with N-nucleophiles: synthesis of fluorocoumarins. *Journal of Fluorine Chemistry*, **1999**, 94, 83-90 2.1 14
- 283 Novel fluorinated chromones. *Journal of Fluorine Chemistry*, **1993**, 65, 37-41 2.1 14
- 282 Dinuclear copper(ii) complex with novel N,N[N]D-tetradentate Schiff base ligand containing trifluoromethylpyrazole and hydrazone moieties. *Mendeleev Communications*, **2018**, 28, 202-204 1.9 13
- 281 Determination of 1,2,3-benzotriazole in aqueous solutions and air by reaction-gas-liquid chromatography. *Journal of Analytical Chemistry*, **2010**, 65, 276-279 1.1 13
- 280 Synthesis of fluoroalkyl-containing 2-oxyimino-1,3-dicarbonyl compounds and their reaction with hydrazine hydrate. *Journal of Fluorine Chemistry*, **1997**, 84, 107-111 2.1 13
- 279 From oxides of internal perfluoroolefins to fluorocontaining camphor thiazolinyhydrazones. *Journal of Fluorine Chemistry*, **2003**, 120, 41-47 2.1 13
- 278 Ambident polyfluoroalkyl-substituted pyrazoles in the methylation reactions. *Journal of Fluorine Chemistry*, **2017**, 195, 47-56 2.1 12
- 277 Polyfluorinated salicylic acid derivatives as analogs of known drugs: Synthesis, molecular docking and biological evaluation. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 91-99 3.4 12
- 276 Synthesis and structure of 4-hydroxy-4-fluoroalkyl-1,4-dihydroimidazo[5,1-c][1,2,4]triazines. *Russian Journal of Organic Chemistry*, **2009**, 45, 572-580 0.7 12
- 275 Steric structure of alkyl 2-aryl(hetaryl)hydrazono-3-fluoroalkyl-3-oxopropionates. *Russian Journal of Organic Chemistry*, **2009**, 45, 801-809 0.7 12
- 274 Geometric isomerism in the series of fluoroalkyl-containing 1,2,3-trione 2-arylhydrazones. *Russian Journal of Organic Chemistry*, **2007**, 43, 380-387 0.7 12
- 273 One-step solvent-free synthesis of fluoroalkyl-substituted 4-hydroxy-2-oxo(thioxo)hexahydropyrimidines in the presence of 1-butyl-3-methylimidazolium tetrafluoroborate. *Russian Journal of Organic Chemistry*, **2006**, 42, 1392-1395 0.7 12
- 272 The Impact of the Alkali Metal Ion on the Crystal Structure and (Mechano)luminescence of Terbium(III) Tetrakis(Ediketonates). *European Journal of Inorganic Chemistry*, **2020**, 2020, 523-531 2.3 12
- 271 Detrifluoroacetylation of 4,4,4-trifluoro-3,3-dihydroxy-2-(hydroxyimino)butan-1-ones as a convenient synthetic strategy for acyl cyanides. *Journal of Fluorine Chemistry*, **2016**, 186, 28-32 2.1 12
- 270 An interdisciplinary approach to the problem of neutralization of man-made polychlorinated biphenyls. *Doklady Chemistry*, **2014**, 454, 19-24 0.8 11
- 269 A Convenient Approach to 4,7-Dihydro-1,2,4-triazine Synthesis. *Journal of Heterocyclic Chemistry*, **2013**, 50, E80-E86 1.9 11
- 268 One-pot synthesis of trifluoromethyl- and nitroso-substituted pyrazolines and pyrazoles and their tuberculostatic activity. *Russian Chemical Bulletin*, **2010**, 59, 1967-1973 1.7 11

267	Reactions of epoxides derived from internal perfluoroolefins with o-phenylenediamine and 2-aminophenol. <i>Russian Journal of Organic Chemistry</i> , <b>2006</b> , 42, 558-566	0.7	11
266	Reactions of alkyl 2-benzylidene-2-polyfluoroacylacetates with N,N-dinucleophiles. <i>Russian Chemical Bulletin</i> , <b>2004</b> , 53, 1261-1266	1.7	11
265	Reactivity features of polychlorobiphenyl congeners in the nucleophilic substitution reactions. <i>Russian Journal of General Chemistry</i> , <b>2012</b> , 82, 138-143	0.7	10
264	Features of reactions of polyfluorinated ethyl 4-oxo-2-pnenyl-4H-chromene-3-carboxylates with N-nucleophiles. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 719-729	0.7	10
263	Trialkyl borate assisted amination of fluorinated 1,3-diketones for synthesis of N,N?-1,2-phenylen-bis(β-aminoenones) and their Ni(II), Cu(II) and Pd(II) complexes. <i>Journal of Fluorine Chemistry</i> , <b>2011</b> , 132, 394-401	2.1	10
262	Analysis of polychlorinated biphenyl mixtures by gas chromatography. <i>Journal of Analytical Chemistry</i> , <b>2010</b> , 65, 1098-1108	1.1	10
261	Synthesis, structure, and complexing ability of fluoroalkyl-containing 2,2?-(biphenyl-4,4?-diyldihydrazono)bis(1,3-dicarbonyl) compounds. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 1781-1787	0.7	10
260	The transformations of fluoroalkyl-containing 2-arylhydrazono-1,3-dicarbonyl compounds with methylamine. <i>Journal of Fluorine Chemistry</i> , <b>2007</b> , 128, 779-788	2.1	10
259	Alkyl 3-fluoroalkyl-3-oxopropionates in reactions with azolyldiazonium salts. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 612-616	1.7	10
258	The interaction of fluorinated 2-arylhydrazono-1,3-dicarbonyl compounds with o-phenylenediamine. <i>Journal of Fluorine Chemistry</i> , <b>2004</b> , 125, 1363-1370	2.1	10
257	Fluorine-containing 2,4-dioxo acids in the synthesis of heterocyclic compounds. <i>Russian Chemical Reviews</i> , <b>1999</b> , 68, 203-214	6.8	10
256	The selective ortho-methoxylation of pentafluorobenzoic acid β a new way to tetrafluorosalicic acid and its derivatives. <i>Journal of Fluorine Chemistry</i> , <b>1999</b> , 94, 11-13	2.1	10
255	Reaction of fluorine-containing β ketoesters with bifunctional N-nucleophiles. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1985</b> , 34, 135-141		10
254	Reaction of 2-(ethoxymethylidene)-3-oxo carboxylic acid esters with tetrazol-5-amine. <i>Russian Journal of Organic Chemistry</i> , <b>2015</b> , 51, 992-1002	0.7	9
253	β-Ribofuranosyl substituted polyfluoroalkylpyrazoles and their activity against the influenza virus. <i>Mendeleev Communications</i> , <b>2018</b> , 28, 52-54	1.9	9
252	Three-Component Synthesis of 7-Hydroxy-7-polyfluoroalkylhexahydroimidazo[1,2-a]pyridin-5(1H)-ones. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 6306-6314	3.2	9
251	Synthesis and Tuberculostatic Activity of Some 1,2,4-Triazines. <i>Pharmaceutical Chemistry Journal</i> , <b>2014</b> , 48, 383-386	0.9	9
250	Reactivity of congeners of Sovol technical mixture of polychlorinated biphenyls toward sodium methoxide. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1523-1527	0.8	9

249	Lanthanide complexes based on ethyl 2-hydroxymethylidene-3-oxobutanoate. <i>Mendeleev Communications</i> , <b>2016</b> , 26, 54-56	1.9	9
248	New one-pot synthesis of 4-hydroxyimino-5-polyfluoroalkylpyrazol-3-ones, their structure and biological activity. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 52-59	1.4	8
247	Preparation and antifrictional properties of surface modified hybrid fluorine-containing silica particles. <i>Applied Surface Science</i> , <b>2015</b> , 326, 19-26	6.7	8
246	Thermodynamic modeling of the reaction of polychlorinated biphenyls with sodium methoxide. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 893-900	0.7	8
245	Optimization of the chemical stage of pretreatment of technical polychlorobiphenyls for destruction. <i>Doklady Chemistry</i> , <b>2017</b> , 476, 206-210	0.8	8
244	New chiral metal complexes based on 2-ethoxymethylidene-3-oxo-3-polyfluoroalkylpropionates. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 331-339	0.7	8
243	Perfluoroepoxyoxolanes in the synthesis of fluorine-containing heterocycles. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 884-889	0.7	8
242	Features of reaction between fluorine-containing glycidyl ethers and alcohols in basic medium. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 656-659	0.7	8
241	Non-natural nucleosides bearing 4-aryldiazenylpyrazole aglycone. <i>Mendeleev Communications</i> , <b>2016</b> , 26, 106-108	1.9	8
240	Investigation of polychlorinated biphenyls congeners in the Triklorbifenil technical mixture. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 1929-1933	0.7	7
239	Modification of adhesive materials based on epoxy oligomers with fluorinated organic compounds. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 474-479	0.8	7
238	Heteroannulation of 6-polyfluoroalkyl-2-thiouracils. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1060-1065	1.7	7
237	Synthesis and Antibacterial Activity of N-Alkyl-Substituted 4-Aryldiazenylpyrazoles. <i>Chemistry of Heterocyclic Compounds</i> , <b>2013</b> , 49, 1128-1135	1.4	7
236	Synthesis of pyrimido[1,2-a]benzimidazoles from ethyl 2-ethoxymethylidene-3-oxo-3-(polyfluoroalkyl)propionates. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 432-438	0.7	7
235	New enamine ligands derived from ethyl 2-ethoxymethylidene-3-oxo-3-polyfluoroalkylpropionates and o-phenylenediamine. <i>Russian Chemical Bulletin</i> , <b>2010</b> , 59, 1582-1593	1.7	7
234	Synthesis of 2-arylhydrazones of aliphatic fluorine-containing 1,2,3-tricarbonyl compounds and their reactions with dinucleophiles. <i>Russian Chemical Bulletin</i> , <b>1998</b> , 47, 673-678	1.7	7
233	A route to fluorocontaining N,S-heterocycles via octafluoro-2,3-epoxybutane. <i>Journal of Fluorine Chemistry</i> , <b>2007</b> , 128, 769-778	2.1	7
232	Fluoroalkyl-containing 2-arylhydrazono-1,3-dicarbonyl compounds in the reactions with ethylenediamine and polyethylenepolyamines. <i>Journal of Fluorine Chemistry</i> , <b>2004</b> , 125, 401-407	2.1	7

231	Condensation of fluoroalkyl-containing 1,3-dicarbonyl compounds with ethylenediamine. <i>Journal of Fluorine Chemistry</i> , <b>1992</b> , 56, 325-334	2.1	7
230	Polyfluorine-containing chromen-4-ones: synthesis and transformations. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 2151-2162	1.7	7
229	Synthesis and Biological Evaluation of Polyfluoroalkylated Antipyridines and their Isomeric O-Methylpyrazoles. <i>Medicinal Chemistry</i> , <b>2019</b> , 15, 521-536	1.8	7
228	Intramolecular cyclization of lithium 4,4-dimethoxy-1-(perfluoroalkyl)pentane-1,3-dionates on treatment with boron trifluoride diethyl etherate. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 497-499	1.7	7
227	Synthesis of Pyridone Derivatives from 7-Hydroxy-7-polyfluoroalkylhexahydroimidazo[1,2-a]pyridin-5-ones. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 3986-3991	3.2	6
226	Trifluoromethyl-containing 1,2,4-triazines. Synthesis on the base of perfluorobiacetyl and reactions with thiosemicarbazide and thiourea. <i>Journal of Fluorine Chemistry</i> , <b>2019</b> , 227, 109362	2.1	6
225	Intramolecular cyclization of polyfluoroalkyl-containing 2-(arylhydrazinylidene)-1,3-diketones. <i>Journal of Fluorine Chemistry</i> , <b>2018</b> , 210, 117-125	2.1	6
224	Catalyst-free transformations of diethyl 2-ethoxymethylenemalonate and diethyl polyfluorobenzoylmalonates in water. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 1961-1963	2	6
223	Inhibitory activity of fluorine-containing quaternary ammonium salts comprising an N-methylpiperazinyl moiety. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 992-996	0.8	6
222	Synthesis and tuberculostatic activity of functionalized pyrazoles derived from (trifluoromethyl)pyrazole containing a hydrazone group. <i>Chemistry of Heterocyclic Compounds</i> , <b>2017</b> , 53, 1324-1329	1.4	6
221	Synthesis of New Heteroatomic Podands from Ethyl 2-[(2-Aminophenylamino)Methylidene]-3-Oxoalkanoates and Thiophene-2,5-Dicarboxaldehyde. <i>Mendeleev Communications</i> , <b>2012</b> , 22, 284-286	1.9	6
220	Regiodirected synthesis of polyfluoro-alkylated pyrimido[1,2-a]benzimidazoles. <i>Chemistry of Heterocyclic Compounds</i> , <b>2012</b> , 48, 372-376	1.4	6
219	6-Polyfluoroalkylated 2-thiouracils in the synthesis of pyrimido[2,1-b][1,3,5]thiadiazines by the double Mannich reaction. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 147, 31-35	2.1	6
218	Synthesis of pyrimidine derivatives based on ethyl 2-ethoxymethylidene-3-polyfluoroalkyl-3-oxopropionates and urea. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 1259-1263	1.7	6
217	Synthesis of fluorine containing glycolurils and oxazolines from oxides of internal perfluoroolefins. <i>Journal of Fluorine Chemistry</i> , <b>2009</b> , 130, 853-860	2.1	6
216	Structural and physicochemical characteristics of chelate nickel(II) compounds based on 1,2,3-triketone (hydrazone)imines. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 108-114	1.7	6
215	Addition of polyfluoroalkyl iodides to allyl glycidyl ether. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 1534-1536	1.7	6
214	Regioselective cyclocondensation of ethyl 2-ethoxymethylidene-3-oxo-3-polyfluoroalkylpropionates with thiazolyhydrazines. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 1811-1815	0.7	6

213	Synthesis of substituted pyrido[1,2-a]pyrimidines from 2-arylmethylidene-3-fluoroalkyl-3-oxopropionates. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 2841-2845	1.7	6
212	Fluoroaryl containing $\alpha$ -dioxoesters in the synthesis of fluorobenzopyran-4(2)-ones. <i>Journal of Fluorine Chemistry</i> , <b>2001</b> , 108, 125-131	2.1	6
211	Reactions of 4-hydroxy-5,6,7,8-tetrafluorocoumarin derivatives with S-nucleophiles. <i>Journal of Fluorine Chemistry</i> , <b>2000</b> , 103, 3-12	2.1	6
210	Interaction of pentafluorobenzoylpyruvic acid and its esters with N-nucleophiles. Synthesis of 4-oxoquinoline-2-carboxylic acids. <i>Journal of Fluorine Chemistry</i> , <b>1994</b> , 69, 119-126	2.1	6
209	Recyclization of 7-Fluoroalkyl-4,7-dihydroazolo[5,1-c]triazines into 5-(Pyrazolinylylhydrazono)azoles in the Reactions with Hydrazides and Thiosemicarbazide. <i>Heterocycles</i> , <b>2006</b> , 68, 2515	0.8	6
208	Unexpected formation of diethyl 2-ethoxy-6-CF <sub>3</sub> -2H-pyran-3,5-dicarboxylate from the condensation of ethyl 4,4,4-trifluoroacetoacetate with CH(OEt) <sub>3</sub> . <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 744-747		5
207	Polyfluoroalkylated 2-ethoxymethylene-3-oxo esters: synthesis and chemical properties overview. <i>Pure and Applied Chemistry</i> , <b>2017</b> , 89, 1209-1222	2.1	5
206	Fluorine-Containing Furan-3(2H)-Ones in Reactions with Binucleophiles: CF <sub>3</sub> vs C <sub>2</sub> F <sub>5</sub> . <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 517-522	1.4	5
205	Synthesis of Fluorine-Containing Imidazolidin-2-Ones, Glycolurils, and Hydantoins Based on Perfluorodiacyl and Ureas*. <i>Chemistry of Heterocyclic Compounds</i> , <b>2014</b> , 50, 958-966	1.4	5
204	2-Methylsulfanyl-6-Polyfluoroalkyl-Pyrimidin-4-Ones: Synthesis and Nucleophilic Substitution Reactions. <i>Chemistry of Heterocyclic Compounds</i> , <b>2014</b> , 50, 856-863	1.4	5
203	Polychlorinated biphenyls: correlation between experimental data and quantum-chemical simulation. <i>Russian Journal of General Chemistry</i> , <b>2014</b> , 84, 486-495	0.7	5
202	Synthesis of Pyrimido[2,1-b][1,3,5]Thiadiazines Containing Polyfluoroalkyl- and Amino Acid Fragments. <i>Chemistry of Heterocyclic Compounds</i> , <b>2014</b> , 50, 901-906	1.4	5
201	Water-soluble 2-aminomethylidene-1,3-dicarbonyl compounds as new chalcogenide colloidal stabilizers. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 315-320	0.7	5
200	Thermal desulfurization of (alkoxymethyl)thiiranes. <i>Russian Journal of General Chemistry</i> , <b>2014</b> , 84, 2120-2124		5
199	A new application of derivatives of polychlorobiphenyls and polyethylene glycols. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1622-1626	0.8	5
198	One-pot synthesis of 5-fluoroalkyl-5-hydroxy-4-hydroxy-imino-1-isonicotinoyl-4,5-dihydro-1H-pyrazoles and their tuberculostatic activity. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 904-909	0.7	5
197	Synthesis of derivatives of pyrazolo[1,5-a]pyrimidines and imidazo[1,5-a]pyrimidines proceeding from alkyl 2-benzylidene-3-oxo-3-fluoroalkylpropionates. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 242-247	0.7	5
196	One-step synthesis of epoxy(perfluoroalkyl)alkenes. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 491-495		5



195	Reactions of internal perfluoroolefin oxides with urea. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 865-871	0.7	5
194	Asymmetric azomethine ligands based on 2-[(2-aminophenyl)aminomethylidene]-3-oxo-3-polyfluoroalkylpropionates and aldehydes. <i>Russian Chemical Bulletin</i> , <b>2010</b> , 59, 1753-1760	1.7	5
193	Fluorine-containing 3-arylhydrazono-2,4-dioxobutanoates in reactions with difunctional nucleophiles. <i>Russian Journal of Organic Chemistry</i> , <b>2006</b> , 42, 887-896	0.7	5
192	Reactions of 2-Arylhiazono-1,3-dicarbonyl Compounds with Ethylenediamine. <i>Russian Journal of Organic Chemistry</i> , <b>2003</b> , 39, 1421-1428	0.7	5
191	First Example of the Synthesis of Di(fluoroalkyl)-substituted Pyrimidines. <i>Chemistry of Heterocyclic Compounds</i> , <b>2001</b> , 37, 1130-1135	1.4	5
190	New Fluoroaryl-containing $\beta$ -Dioxoesters in the Synthesis of Fluorobenzopyran-2(4)-ones. <i>Russian Journal of Organic Chemistry</i> , <b>2001</b> , 37, 1455-1462	0.7	5
189	Reactions of pentafluorobenzoylpyruvic ester and its copper(II) chelate with dinucleophiles. <i>Journal of Fluorine Chemistry</i> , <b>1999</b> , 96, 87-93	2.1	5
188	Group dipole moments of fluoroalkyl substituents. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1984</b> , 33, 1653-1655		5
187	Reaction of methyl esters of fluorine-containing $\beta$ -keto acids with amines. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1983</b> , 32, 2312-2316		5
186	Metal complexes based on polyfluorosalicic acids and their antimycotic and antimicrobial activity. <i>Polyhedron</i> , <b>2020</b> , 177, 114279	2.7	5
185	A Rare Example of Discrete Lanthanide-Lithium Tetrakis- $\beta$ -Diketonates: Synthesis, Structures, and Luminescence Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 545-552	1.6	5
184	A convenient and efficient approach to polyfluorosalicic acids and their tuberculostatic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 2455-2458	2.9	5
183	Reagent Pretreatment of Polychlorobiphenyls prior to Breakdown. <i>Russian Journal of Applied Chemistry</i> , <b>2019</b> , 92, 1039-1044	0.8	4
182	Synthesis of Biologically Active 6-(Tolyhydrazinylidene)Pyrazolo[1,5-a]Pyrimidinones. <i>Chemistry of Heterocyclic Compounds</i> , <b>2020</b> , 56, 199-207	1.4	4
181	Synthesis of trifluoromethyl $\alpha$ -containing oxo(thioxo)imidazothiazolones and thioglycolurils based on perfluorobiacetyl. <i>Journal of Fluorine Chemistry</i> , <b>2018</b> , 212, 144-152	2.1	4
180	Transformations of 3-acyl-4H-polyfluorochromen-4-ones under the action of amino acids and biogenic amines. <i>Journal of Fluorine Chemistry</i> , <b>2019</b> , 226, 109354	2.1	4
179	Synthesis of 2-arylhydrazinylidene-3-oxo-4,4,4-trifluorobutanoic acids as new selective carboxylesterase inhibitors and radical scavengers. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 126716	2.9	4
178	Synthesis of fluorine containing N-heterocycles using oxides of terminal perfluoroolefins and urea. <i>Journal of Fluorine Chemistry</i> , <b>2012</b> , 139, 16-22	2.1	4

177	Synthesis and properties of water-soluble 2-aminomethylidene derivatives of 1,3-dicarbonyl compounds. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 1330-1335	0.7	4
176	Novel 3-acetyl-2-methyl-polyfluorochromones in reactions with amines and esters of amino acids. <i>Chemistry of Heterocyclic Compounds</i> , <b>2015</b> , 51, 961-968	1.4	4
175	Synthesis and complexing ability of 2-(2-ethoxycarbonyl-3-oxo-3-polyfluoroalkylprop-1-enylamino) benzoic acids. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 1241-1247	1.7	4
174	Liquid-phase catalytic hydrodechlorination of aromatic chloro derivatives with metal nanopowders. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 1321-1324	1.7	4
173	Synthesis and properties of epoxy-anhydride polymers modified with polyfluorolalkyl-substituted oxiranes in the course of curing. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 723-727	0.8	4
172	New tetradentate N2O2-ligands based on 2-ethoxymethylidene-3-oxo-3-polyfluoroalkylpropionates and ethylenediamine. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1780-1785	0.7	4
171	Condensation of fluoroalkyl-containing 1,2,3-trione 2-arylhydrazones with methylamine. <i>Russian Journal of Organic Chemistry</i> , <b>2007</b> , 43, 1788-1796	0.7	4
170	Products of the reaction of polychlorinated biphenyls with ethanol and potassium hydroxide in dimethyl sulfoxide. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 791-798	0.8	4
169	Synthesis of 2,3-bis(perfluoroalkyl)quinoxalines and 2,3-bis(perfluoroalkyl)-1,4-benzoxazines from oxides of internal perfluoroolefins. <i>Journal of Fluorine Chemistry</i> , <b>2005</b> , 126, 976-983	2.1	4
168	Synthesis of 2-(1-alkyl(aryl)-4-oxo-5,6,7,8-tetrafluoro-1,4-dihydroquinolin-3-yl)glyoxylic acid derivatives. <i>Journal of Fluorine Chemistry</i> , <b>2001</b> , 108, 187-194	2.1	4
167	A route to fluorocontaining 1,3-thiazolines via internal polyfluorooxiranes. <i>Mendeleev Communications</i> , <b>1999</b> , 9, 231-232	1.9	4
166	Reactions of ethyl 5,6,7,8-tetrafluoro-2-methylchromone-3-carboxylate and 3-acetimido-5,6,7,8-tetrafluoro-4-hydroxycoumarin with S-nucleophiles. <i>Russian Chemical Bulletin</i> , <b>1999</b> , 48, 1537-1541	1.7	4
165	Crystalline hydrogen-bonded adducts of dimethyl sulphoxide and 7-hydroxypolyfluoroquinolones (chromones). <i>Journal of Fluorine Chemistry</i> , <b>1995</b> , 74, 15-19	2.1	4
164	Transesterification of copper(II) $\beta$ ketoesterates and acylpyruvates with borneol. <i>Russian Chemical Bulletin</i> , <b>1993</b> , 42, 858-860	1.7	4
163	Modification of Polyfluoro-Containing 3-(Ethoxycarbonyl)flavones by Biogenic Amines and Amino Acids. <i>Current Organic Synthesis</i> , <b>2018</b> , 15, 707-714	1.9	4
162	Transformations of 4-Hydroxy-5,6,7,8-tetrafluorocoumarin Derivatives with Monoamines. <i>Heterocycles</i> , <b>2006</b> , 69, 319	0.8	4
161	Fluorine-Containing 2-Functionalized 1,3-Dicarbonyl Compounds for Heterocyclic Synthesis. <i>Heterocycles</i> , <b>2006</b> , 69, 593	0.8	4
160	Multiple biological active 4-aminopyrazoles containing trifluoromethyl and their 4-nitroso-precursors: Synthesis and evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112768	6.8	4

159	7-Imidazolyl-substituted 4'-methoxy and 3',4'-dimethoxy-containing polyfluoroflavones as promising antiviral agents. <i>Journal of Fluorine Chemistry</i> , <b>2020</b> , 240, 109657	2.1	4
158	The competitive N1-, N2-, O- and C-methylation of 3-trifluoromethyl-1H-pyrazol-5-ol for synthesis of analgesic compounds. <i>Journal of Fluorine Chemistry</i> , <b>2019</b> , 218, 1-10	2.1	4
157	Copper(II) and cobalt(II) complexes based on methyl trifluorosalicylate and bipyridine-type ligands: Synthesis and their antimicrobial activity. <i>Polyhedron</i> , <b>2021</b> , 194, 114900	2.7	4
156	Regiocontrolled N-, O- and C-methylation of 1-phenyl-3-polyfluoroalkyl-1H-pyrazol-5-ols. <i>Journal of Fluorine Chemistry</i> , <b>2018</b> , 206, 72-81	2.1	4
155	Synthesis of symmetrical disulfides by reaction of fluorine-containing thiiranes with cyclic amines. <i>Russian Journal of Organic Chemistry</i> , <b>2017</b> , 53, 514-519	0.7	3
154	New derivatives of fluorine-containing phenazines. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 290-292	1.9	3
153	Synthesis and Biological Activity of 4-Cycloaminopolyfluorosalicyclic Acids. <i>ChemistrySelect</i> , <b>2019</b> , 4, 14831-14903	1.9	3
152	Photolysis of polychlorobiphenyls in the presence of nanocrystalline TiO <sub>2</sub> and CdS/TiO <sub>2</sub> . <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2019</b> , 126, 1115-1134	1.6	3
151	Autocatalyzed three-component cyclization of polyfluoroalkyl-3-oxo esters, methyl ketones and alkyl amines: a novel approach to 3-alkylamino-5-hydroxy-5-polyfluoroalkylcyclohex-2-en-1-ones. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 4273-4280	3.9	3
150	Designing new adhesive materials based on epoxy oligomers filled with organic compounds. <i>Polymer Science - Series D</i> , <b>2015</b> , 8, 149-152	0.4	3
149	Alkylation of 6-Polyfluoroalkyl-2-thiouracils with Haloalkanes. <i>Russian Journal of Organic Chemistry</i> , <b>2019</b> , 55, 782-791	0.7	3
148	Metal complexes based on functionalized 4-hydroxypolyfluorocoumarins. <i>Russian Journal of Organic Chemistry</i> , <b>2014</b> , 50, 815-821	0.7	3
147	Reaction of polychlorinated biphenyls and benzenes with neopentyl glycol. <i>Russian Journal of General Chemistry</i> , <b>2012</b> , 82, 428-435	0.7	3
146	Perfluoroalkylation of unsaturated compounds in the presence of copper(II) salen complexes. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 469-471	0.7	3
145	The interaction of low- and medium-chlorinated biphenyls with sodium methoxide with the account for thermodynamic modeling. <i>Russian Journal of General Chemistry</i> , <b>2017</b> , 87, 934-939	0.7	3
144	Synthesis of polyfluoroalkyl-containing 1-(4-acetoxybutyl)- and 1-(4-hydroxybutyl)pyrazoles and their tuberculostatic activity. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 2396-2400	1.7	3
143	Synthesis and inhibiting capacity of new fluorine-containing quaternary ammonium salts. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 972-977	0.8	3
142	2,3-Epoxyperfluoro-2-methylpentane in reactions with urea and thiourea. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 650-658	0.7	3

- 141 Heterocyclic dialdehydes: linkers in the synthesis of macrocyclic ligands. *Chemistry of Heterocyclic Compounds*, **2011**, 47, 558-563 1.4 3
- 140 Synthesis, structure, tuberculostatic activity, and toxicity of fluoroalkyl-containing 3-hydroxyimino-1,5-benzodiazepines. *Pharmaceutical Chemistry Journal*, **2011**, 45, 75-78 0.9 3
- 139 Structure of diethyl (polyfluorobenzoyl)malonates and their thermal intramolecular cyclization. *Russian Chemical Bulletin*, **2011**, 60, 929-932 1.7 3
- 138 Synthesis and crystal structures of the heptafluoroacetylacetonatocopper(ii) and 4-iminoheptafluoropent-2-ene-2-aminatocopper(ii) complexes with triphenylphosphine oxide and pyridine. *Russian Chemical Bulletin*, **2009**, 58, 1132-1138 1.7 3
- 137 Synthesis of 2,6-bis(fluoroalkyl)-2,6-dihydroxytetrahydro-2H-pyran-3,5-dicarboxylates from aldehydes and fluorinated  $\beta$ -keto esters in the presence of ionic liquid-K<sub>2</sub>CO<sub>3</sub> as catalytic system. *Russian Journal of Organic Chemistry*, **2010**, 46, 468-473 0.7 3
- 136 New reactions of fluorinated 2,4-dioxoesters with aromatic aldehydes. *Mendeleev Communications*, **2006**, 16, 188-189 1.9 3
- 135 5,6,7,8-Tetrafluoro-4-hydroxycoumarin derivatives in reactions with o-phenylenediamine. *Russian Chemical Bulletin*, **2004**, 53, 1237-1239 1.7 3
- 134 Reactions of Polyfluorinated 2-Arylhydrazono-3-oxocarboxylic Acid Esters with o-Phenylenediamine. *Russian Journal of Organic Chemistry*, **2004**, 40, 813-817 0.7 3
- 133 Reaction of Fluoro-containing 3-Oxoesters with Benzaldehyde. *Russian Journal of Organic Chemistry*, **2002**, 38, 224-231 0.7 3
- 132 Unexpected formation of pyridazine-5,6-dione derivatives in the reactions of 3-arylhydrazono-2,4-dioxo-4-pentafluorophenylbutanoates with hydrazines. *Mendeleev Communications*, **2005**, 15, 252-253 1.9 3
- 131 Reactions of 2(3)-ethoxycarbonyl-5,6,7,8-tetrafluorochromones with methylamine. *Russian Chemical Bulletin*, **2005**, 54, 2157-2162 1.7 3
- 130 3-Methylidene-2,4-dioxo-4-pentafluorophenylbutanoates in the Synthesis of Heterocycles. *Russian Journal of Organic Chemistry*, **2005**, 41, 1354-1358 0.7 3
- 129 Preparation of Amino Derivatives from Industrial Mixtures of Polychlorobiphenyls. *Russian Journal of Applied Chemistry*, **2001**, 74, 118-122 0.8 3
- 128 A route to ethyl  $\beta$ -pentafluorobenzoyl- $\beta$ -keto butanoate via its copper(II) chelate. *Mendeleev Communications*, **2001**, 11, 76 1.9 3
- 127 The electrophilic thionation and chlorination of polyfluorinated  $\beta$ -keto esters. *Journal of Fluorine Chemistry*, **1988**, 41, 421-424 2.1 3
- 126 Competitive ways for three-component cyclization of polyfluoroalkyl-3-oxo esters, methyl ketones and amino alcohols. *Pure and Applied Chemistry*, **2020**, 92, 1265-1275 2.1 3
- 125 Biodegradability of hydroxylated derivatives of commercial polychlorobiphenyls mixtures by Rhodococcus-strains. *Journal of Hazardous Materials*, **2020**, 400, 123328 12.8 3
- 124 Novel potent bifunctional carboxylesterase inhibitors based on a polyfluoroalkyl-2-imino-1,3-dione scaffold. *European Journal of Medicinal Chemistry*, **2021**, 218, 113385 6.8 3

123	Nanocrystalline TiO <sub>2</sub> doped by small amount of pre-synthesized colloidal CdS nanoparticles for photocatalytic degradation of 1,2,4-trichlorobenzene. <i>Sustainable Chemistry and Pharmacy</i> , <b>2019</b> , 11, 1-11	3.9	3
122	Role of alkyl substituents in the structure and luminescence properties of discrete terbium(III)-lithium(I) βdiketonates. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1226, 129331	3.4	3
121	Uncatalyzed Hydrodechlorination of Dichlorobiphenyls. <i>Russian Journal of Organic Chemistry</i> , <b>2019</b> , 55, 988-990	0.7	2
120	Bacterial Degradation of a Mixture of Hydroxy and Methoxy Polychlorinated Biphenyls. <i>Doklady Chemistry</i> , <b>2019</b> , 486, 133-136	0.8	2
119	Novel route of the reaction of trifluoromethyl-containing N-methyl(4-ethoxyphenyl)imidazolidin-2-ones with urea. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 473-478	1.7	2
118	6-Trifluoromethyl-2-thiouracil and its analogs in reactions with 4-bromobutyl acetate and 2-bromoacetophenone. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 1190-1195	1.7	2
117	Modification of the silica particles surface with perfluoroalkylmethyloxiranes. <i>Russian Journal of General Chemistry</i> , <b>2014</b> , 84, 1265-1272	0.7	2
116	Perfluoro(1,2-epoxycyclohexane) in the synthesis of fluorinated heterocycles. <i>Russian Journal of Organic Chemistry</i> , <b>2014</b> , 50, 854-857	0.7	2
115	Fluorinated 2-amino-5-phenyl-1,3,4-thiadiazines: synthesis and structures. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 220-222	1.7	2
114	Synthesis of Cyclic Vicinal Trifluoromethylated Hydroxylamine and Nitrone Based on Perfluorodiacetyl. <i>Journal of Heterocyclic Chemistry</i> , <b>2017</b> , 54, 1887-1890	1.9	2
113	Bis(1,1,1,3,5,5,5-heptafluoro-4-iminopent-2-ene-2-aminato)copper(II) [a new metal-containing matrix in the design of heterospin systems. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 816-823	1.7	2
112	Synthesis of regioisomeric N- and O-alkylated 3-polyfluoroalkyl-1,2-dihydroquinoxalin-2-ones. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 937-941	1.7	2
111	Transformations of 5,6,7,8-tetrafluoro-2-ethoxycarbonylchromone under the action of primary amines. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 766-772	0.7	2
110	Reaction of fluoroalkyl-containing 1,3-dicarbonyl compounds with benzylideneacetone. <i>Russian Chemical Bulletin</i> , <b>1997</b> , 46, 952-954	1.7	2
109	Reactions of [2-iodo-3-(perfluoroalkyl)propyl]glycidyl ethers with alcohols under basic conditions. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 2324-2327	1.7	2
108	Resistance of polyfluorinated complete esters of polyhydric alcohols to thermal oxidation: Comparison with nonfluorinated analogs. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 1795-1800	0.7	2
107	Reaction of 2,3-epoxyoctafluorobutane with 2-aminobenzenethiol. <i>Russian Journal of Organic Chemistry</i> , <b>2006</b> , 42, 1307-1312	0.7	2
106	Reactions of 5,6,7,8-tetrafluoro-4-hydroxycoumarin derivatives with benzylamine and aniline. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 1215-1219	1.7	2

105	Synthesis of 4-acyl(alkoxycarbonyl)-5-fluoroalkyl-3,5-dihydrofuran-2(5H)-ones. <i>Russian Chemical Bulletin</i> , <b>2002</b> , 51, 1727-1730	1.7	2
104	Synthesis of Perfluoro- and 2-Trifluoromethylpentafluorodihydrofurans and Their Epoxy Derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2003</b> , 39, 1010-1015	0.7	2
103	1-(Benzimidazol-2-yl)-1,2-dioxoalkane arylhydrazones and 2-phenylbenzimidazole as the main products of the reactions of 1,2,3-triketone 2-arylhya zones with o-phenylenediamine. <i>Mendeleev Communications</i> , <b>2003</b> , 13, 228-229	1.9	2
102	Reactions of 1-aryl(alkyl)-3-ethoxalyl-5,6,7,8-tetrafluoro-1,4-dihydrocinnolin(quinolin)-4-ones with aromatic dinucleophiles. <i>Russian Chemical Bulletin</i> , <b>2001</b> , 50, 689-692	1.7	2
101	Reaction of Internal Fluoroolefin Oxides with Camphor Thiosemicarbazone. <i>Russian Journal of Organic Chemistry</i> , <b>2001</b> , 37, 1522-1527	0.7	2
100	Synthesis of oxiranes based on 1,1,2,3,3-pentafluoro-1,5-hexadiene. <i>Russian Chemical Bulletin</i> , <b>1995</b> , 44, 1470-1473	1.7	2
99	Reactions of 2-ethoxycarbonyl(carboxy)-5,6,7,8-tetrafluorochromones with N-nucleophiles. <i>Russian Chemical Bulletin</i> , <b>1994</b> , 43, 849-853	1.7	2
98	Cyclization of fluoroalkyl-containing 1,3-dicarbonyl compounds with ethylenediamine hydroperchlorate to 1,4-diazepines. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1991</b> , 40, 788-794		2
97	Liquid-phase oxidation of anthracene by hydrogen peroxide in the presence of heterogenized vanadyl acetylacetonate. <i>Bulletin of the Russian Academy of Sciences Division of Chemical Science</i> , <b>1992</b> , 41, 619-622		2
96	Reactions of copper(II) polyfluorinated $\beta$ -diketonates and $\beta$ -ketoesterates with hydrazines. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1990</b> , 39, 561-565		2
95	Polyfluorinated $\beta$ -ketoesters and their $\beta$ -halogenated derivatives in reactions with tetraphosphorus decasulfide and 2,4-bis(4-(methoxyphenyl))-2,4-dithioxo-PV,PV-1,3,2,4-dithiodiphosphetane. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1986</b> , 35, 799-804		2
94	Reaction of 2-haloalkyl-containing $\beta$ -ketoesters with N-dinucleophiles. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1987</b> , 36, 2347-2353		2
93	Reaction of polyfluorinated $\beta$ -halo- $\beta$ -keto esters with ammonia. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1985</b> , 34, 1089-1091		2
92	Regioselectivity in the reaction of polyfluorinated $\beta$ -diketones with hydroxyl-containing nucleophiles. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1982</b> , 31, 1210-1217		2
91	Competitive routes to cyclizations of polyfluoroalkyl-containing 2-tolyhydrazinylidene-1,3-diketones with 3-aminopyrazoles into bioactive pyrazoloazines. <i>Journal of Fluorine Chemistry</i> , <b>2020</b> , 240, 109648	2.1	2
90	Synthesis of fluorine-containing heterocycles based on polyfluorooxiranes and O,N,S-dinucleophiles. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 2163-2171	1.7	2
89	The novel approaches towards fluoroalkyl-containing heteroannulated pyrimidines. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1700-1708	1.7	2
88	New multicomponent approach to polyfluoroalkylated pyrido[1,2-a]pyrimidine derivatives and bis-cyclohexenones. <i>Journal of Fluorine Chemistry</i> , <b>2021</b> , 241, 109686	2.1	2

87	3-Polyfluoroalkyl-1,5-diphenylpyrazoles in Suzuki Cross-Coupling Reactions. <i>Russian Journal of Organic Chemistry</i> , <b>2018</b> , 54, 1265-1267	0.7	2
86	A comparative study of the reactions of fluorinated oxirane- and thiirane-derivatives with acyl chlorides. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 1011-1017	1.7	1
85	Hydroxylation of Polychlorinated Biphenyls in Polyalkanolamines Medium. <i>Russian Journal of General Chemistry</i> , <b>2019</b> , 89, 717-721	0.7	1
84	Features of polychlorinated biphenyls nitration. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 1611-1616	1.7	1
83	Features of Sulfonation of Polychlorinated Biphenyl Congeners. <i>Russian Journal of General Chemistry</i> , <b>2018</b> , 88, 257-261	0.7	1
82	Synthesis and anticorrosive properties of alkylammonium polyfluoro-3-(ethoxycarbonyl)-2-oxo-2H-chromen-4-olates. <i>Russian Journal of Organic Chemistry</i> , <b>2014</b> , 50, 66-71	0.7	1
81	Synthesis and properties of 2-azahetarylamino-methylidene 1,3-dicarbonyl compounds. <i>Russian Journal of Organic Chemistry</i> , <b>2014</b> , 50, 846-853	0.7	1
80	Features of synthesis and structure of ethyl (2Z)-3-hydroxy-(2,3,4,5-tetrafluorophenyl)-propyl-2-enoate. <i>Russian Journal of General Chemistry</i> , <b>2012</b> , 82, 116-121	0.7	1
79	Synthesis and tribological properties of new fluoro-containing oligomers. <i>Russian Journal of Applied Chemistry</i> , <b>2013</b> , 86, 1767-1772	0.8	1
78	Oxidation of highly chlorinated benzenes and biphenyls with potassium persulfate in the presence of perfluorinated radicals. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 1678-1686	0.7	1
77	Alkylation of 2-(methylsulfanyl)-6-polyfluoroalkylpyrimidin-4(3H)-ones with haloalkanes. <i>Russian Journal of Organic Chemistry</i> , <b>2017</b> , 53, 1556-1563	0.7	1
76	Specific features of surface modification of activated nanosize copper particles with 1,2-oxiranes. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 1395-1402	0.8	1
75	Antifriction properties of oils with thickeners based on modified fluoroalkyl-containing silica particles. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 1114-1118	0.8	1
74	Structure of 5,6,7,8-tetrafluoro-4-hydroxycoumarins. <i>Chemistry of Heterocyclic Compounds</i> , <b>2012</b> , 48, 1297-1306	1.4	1
73	Antifriction properties of new fluorine-containing derivatives of natural graphite. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 102-107	0.8	1
72	Regiospecific O-alkylation of 4-polyfluoroalkyl-1H-pyrimidin-2-ones. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 901-905	1.7	1
71	Transformations of 4,4,5,5,6,6,7,7,7-nonafluoro-2-iodoheptyl glycidyl ether upon the action of nucleophiles and reducing agents. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 1224-1227	1.7	1
70	Dehydroiodination of 2-iodo-3-(polyfluoroalkyl)propoxymethyloxiranes. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 2236-2238	1.7	1

- 69 Reaction with alcohols of 1-bromo(chloro)-1,2-epoxyheptafluorobutanes and 1,2-epoxyperfluorobutane. Preparation of  $\beta$ -bromo-,  $\beta$ -chloro-, and  $\beta$ -alkoxyhexafluorobutyric acids esters. *Russian Journal of Organic Chemistry*, **2006**, 42, 1696-1700 0.7 1
- 68 Reaction of Polyfluoro-3-chloro(bromo)-1-butenes with Sodium Hypohalites and Properties of Epoxides Derived Therefrom. *Russian Journal of Organic Chemistry*, **2003**, 39, 919-923 0.7 1
- 67 Synthesis of Polyfluorinated Ethers. *Russian Journal of Applied Chemistry*, **2005**, 78, 1646-1650 0.8 1
- 66 Synthesis of ethyl 3-oxo-2-(3,4,5-trifluoro-2,6-dimethoxybenzoyl)butyrate. *Russian Chemical Bulletin*, **2000**, 49, 1090-1092 1.7 1
- 65 Synthesis of N-substituted 2-(5,6,7,8-tetrafluoro-4-oxo-1,4-dihydroquinolin-3-yl)glyoxylic acids. *Russian Chemical Bulletin*, **2000**, 49, 1231-1236 1.7 1
- 64 Derivatives of 4-hydroxy-5,6,7,8-tetrafluorocoumarin in reactions with o-aminothiophenol. *Russian Journal of Electrochemistry*, **2000**, 36, 904-909 1.2 1
- 63 Unexpected synthesis of 3,5-diethoxycarbonyl-2-pentafluorophenyl-4-phenyl-7,8,9,10-tetrafluoro-4,5-dihydrobenzo[b]oxacin-6-one. *Mendeleev Communications*, **2001**, 11, 119-120 1
- 62 Reaction of pentafluorobenzoylpyruvic acid with amines. *Russian Chemical Bulletin*, **1994**, 43, 279-282 1.7 1
- 61 Synthesis of 2(3)-ethoxycarbonyl-5,6,7,8-tetrafluorochromones. *Russian Chemical Bulletin*, **1993**, 42, 322-325 1
- 60 Activity of derivatives of polyfluoroalkyl-containing  $\beta$ -ketoacids toward influenza virus. *Pharmaceutical Chemistry Journal*, **1986**, 20, 501-504 0.9 1
- 59 Reaction of polyfluorinated  $\beta$ -ketoacid esters and their halo derivatives with phosphorus pentachloride. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1875-1880<sup>1</sup>
- 58 Hydrolysis of 2-acetyl-substituted fluoroalkyl 3-ketoesters. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1962-1964 1
- 57 Reactions of fluoroalkyl-containing halogenated  $\beta$ -ketoesters with amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 1440-1444 1
- 56 Study of the reaction of fluoroalkyl  $\beta$ -ketoesters with methylhydrazine by  $^1\text{H}$  and  $^{19}\text{F}$  NMR spectroscopy. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 318-321 1
- 55 2-Acetyl-substituted polyfluorinated  $\beta$ -keto esters in reaction with amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1202-1206 1
- 54 Hydrolysis of fluoroalkyl-containing  $\beta$ -triketones. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1956-1957 1
- 53 Halogenation of fluoroalkyl-substituted  $\beta$ -ketoesters. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 1016-1022 1
- 52 Reaction of fluorinated  $\beta$ -dicarbonyl compounds with ethylmercaptan. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 2123-2127 1



51	Reaction of methyl esters of fluorinated $\beta$ -keto acids with hydroxyl-containing nucleophiles. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1983</b> , 32, 2361-2364		1
50	Photoreduction of polyfluorinated copper $\beta$ -diketonates. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1977</b> , 26, 882-884		1
49	New heteroanalogs of tricyclic ascidian alkaloids: synthesis and biological activity. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 9925-9935	3.9	1
48	Polyfluoroalkylated antipyridines in Pd-catalyzed transformations.. <i>RSC Advances</i> , <b>2021</b> , 11, 35174-35181	3.7	1
47	Synthesis and biological activity of polyfluorinated p-aminosalicylic acids and their amides. <i>Mendeleev Communications</i> , <b>2020</b> , 30, 636-638	1.9	1
46	Mass spectrometric study of the bromination of technical mixtures of polychlorinated biphenyls. <i>Doklady Chemistry</i> , <b>2016</b> , 466, 29-34	0.8	1
45	Simultaneous determination of aliphatic acids and aldehydes in aqueous media by reaction gas chromatography. <i>Journal of Analytical Chemistry</i> , <b>2016</b> , 71, 1041-1045	1.1	1
44	Alkylation of 3-Trifluoromethyl-1,2-dihydroquinoxalin-2-one. <i>Russian Journal of Organic Chemistry</i> , <b>2018</b> , 54, 1702-1709	0.7	1
43	Hydroxy- and alkoxymethylation of polyfluoroalkyl pyrazoles. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 521-524	1.7	1
42	The synthesis and biological evaluation of A- and B-ring fluorinated flavones and their key intermediates. <i>Journal of Fluorine Chemistry</i> , <b>2021</b> , 249, 109857	2.1	1
41	Conjugates of Tacrine with Salicylamide as Promising Multitarget Agents for Alzheimer's Disease.. <i>ChemMedChem</i> , <b>2022</b> , e202200080	3.7	1
40	Synthesis of fluorine-containing allantoin, hydantoin, and oxazolones from terminal perfluoroolefin oxides and urea. <i>Russian Journal of Organic Chemistry</i> , <b>2012</b> , 48, 387-393	0.7	0
39	Reactions of perfluoro(2,3-epoxy-2-methylpentane) with o-phenylenediamine and ethylenediamine. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 350-355	0.7	0
38	Transformations of 3-(1-Aminoethylidene)-5,6,7,8-tetrafluorobenzopyran-2,4-dione with Hydrazines. <i>Heterocycles</i> , <b>2009</b> , 78, 347	0.8	0
37	Reactions of 3-acetyl- and 3-acetimidoyl-5,6,7,8-tetrafluoro-4-hydroxycoumarins with substituted hydrazines. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 1270-1275	1.7	0
36	Synthesis and structure of fluorine-containing 3-pyrazolin-5-ones. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 1670-1674	0.7	0
35	Synthesis and GC-MS study of fluorinated esters derived from thrimethylolpropane. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 1701-1706	0.7	0
34	Synthesis of Fluorine-Containing 2-(1-Aryl-4-oxo-1,4-dihydrocinnolin-3-yl)-2-oxoacetic Acids. <i>Russian Journal of Organic Chemistry</i> , <b>2005</b> , 41, 1374-1376	0.7	0

- 33 Reactions of 3-substituted 1-aryl-5,6,7,8-tetrafluoroquinolones(cinnolones) with morpholine. *Russian Chemical Bulletin*, **2001**, 50, 2416-2419 1.7 0
- 32 Polyfluoro-2,3-epoxyalkanes in reactions with thiourea and thiosemicarbazide. *Russian Journal of Electrochemistry*, **2000**, 36, 887-898 1.2 0
- 31 Synthesis of fluorine-containing alkyl 2-cyano-3-oxocarboxylates. Reactions with nucleophiles. *Russian Chemical Bulletin*, **1999**, 48, 1937-1941 1.7 0
- 30 Expanding 1,2,4-triketone toolbox for use as fluorinated building blocks in the synthesis of pyrazoles, pyridazinones and Ediketohydrazones. *Journal of Fluorine Chemistry*, **2021**, 253, 109932 2.1 0
- 29 Synthesis and biological evaluation of polyfluoroalkyl-containing 4-arylhydrazinylidene-isoxazoles as antifungal agents with antioxidant activity. *Journal of Fluorine Chemistry*, **2022**, 254, 109935 2.1 0
- 28 Functionalization of 1,2-diphenylpyrazolidine-3,5-dione with polyfluoroalkyl-containing 2- and 3-oxo esters. *Mendeleev Communications*, **2020**, 30, 630-632 1.9 0
- 27 3,4-Epoxyperfluorooxolane in the synthesis of new fluorine-containing furo[3,4-b]quinoxaline derivatives. *Mendeleev Communications*, **2018**, 28, 511-512 1.9 0
- 26 The Impact of the Alkali Metal Ion on the Crystal Structure and (Mechano)luminescence of Terbium(III) Tetrakis(Ediketonates). *European Journal of Inorganic Chemistry*, **2020**, 2020, 507-507 2.3
- 25 Determination of glycols in glycol-containing oligomers using gas-liquid reaction chromatography. *Journal of Analytical Chemistry*, **2016**, 71, 630-636 1.1
- 24 Aggregative stability of the CdS nanoparticles-H<sub>2</sub>O colloidal dispersion system in the presence of surfactants. *Doklady Chemistry*, **2012**, 443, 86-90 0.8
- 23 Antifriction properties of fluorine-containing poly(ethylene glycol) esters. *Russian Journal of Applied Chemistry*, **2012**, 85, 267-271 0.8
- 22 Modification of 2-trifluoromethyl-1H-benzimidazole with hydroxyalkyl substituents. *Russian Journal of Organic Chemistry*, **2013**, 49, 417-420 0.7
- 21 Hydrophobicity and thermal stability of fluorinated pentaerythritol esters. *Russian Journal of Applied Chemistry*, **2006**, 79, 861-864 0.8
- 20 Reactions of 5,6,7,8-Tetrafluoro-4-hydroxy-2H-chromen-2-ones with methylamine. *Russian Journal of Organic Chemistry*, **2006**, 42, 1838-1844 0.7
- 19 Reaction of Dinitropolychlorobiphenyls with O- and N-Nucleophiles as a New Route of Reprocessing Polychlorobiphenyls. *Russian Journal of Applied Chemistry*, **2002**, 75, 449-451 0.8
- 18 Reaction of 1,1,2,3,3-pentafluoro-1,5-hexadiene with methanol in the presence of a base. *Russian Chemical Bulletin*, **1994**, 43, 711-712 1.7
- 17 Template reactions of fluorine-containing 1,3-diketones with ethylenediamine. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1849-1853
- 16 Interaction of fluorine-containing 1,3-dicarbonyl compounds with polyamines. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 2046-2050

- 15 New fluorine-containing polyazaheterocycles. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1700-1703
- 14 A new approach to the synthesis of fluorinated chromones. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 1714-1715
- 13 Isomerization of 1,1,2,3,3-pentafluoro-1,5-hexadiene upon reaction with fluoride ions. First example of sequential anionotropic and prototropic allylic rearrangements. *Bulletin of the Russian Academy of Sciences Division of Chemical Science*, **1992**, 41, 320-323
- 12 Reaction of 2-amino-4-imino-2-perfluoropentene with ethylenediamine and diethylenetriamine. *Russian Chemical Bulletin*, **1993**, 42, 1697-1700 1.7
- 11 Thermal decomposition of peroxide derivatives of polyfluorinated  $\alpha$ -ketoesters. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1496-1499
- 10 Fluoroalkyl-containing  $\beta$ -tricarbonyl compounds: Tautomerism and reaction with N-nucleophiles. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 316-322
- 9 Conformational structure of esters of fluorinated acylpyruvic acids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1273-1277
- 8 Esters of fluorine-containing  $\alpha$ -keto acids in the reaction with amines. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 570-579
- 7 Reaction of  $\alpha$ -halogen-substituted fluorine-containing  $\alpha$ -keto acids with ho- and hs-nucleophiles. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1862-1868
- 6 Reactions of fluoroalkyl- $\alpha$ -ketoesters with ammonia. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1438-1442
- 5 Synthesis and structure of  $\beta$ -acetyl-substituted fluorinated  $\alpha$ -keto esters and their reaction with 2,4-bis(4?-methoxyphenyl)-2,4-dithioxo-1,3,2,4-dithiaphosphetane. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 2099-2104
- 4 Vilsmeier-Haack reaction for polyfluorinated  $\beta$ -dicarbonyl compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1617-1620
- 3 Copper salts of hydrates of fluorinated  $\alpha$ -keto acids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1950-1952
- 2 Photoreduction of copper salts of hydrates of fluorinated  $\alpha$ -keto acids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 1961-1962
- 1 Fluorinated  $\beta$ -hydroxy- $\alpha$ -carbomethoxy acids and photoreduction of their copper salts. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 1687-1691