

Valery Charushin

List of Publications by Year in descending order

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101543

36
h-index

168389

53
g-index

748
all docs

748
docs citations

748
times ranked

4987
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and sensitive determination of nitrobenzene in solutions and commercial honey samples using a screen-printed electrode modified by 1,3-/1,4-diazines. Food Chemistry, 2022, 372, 131279.	8.2	13
2	Synthetic approaches to 1,2,4-triazolo[5,1- <i>c</i>][1,2,4]triazin-7-ones as basic heterocyclic structures of the antiviral drug Riamilovir (®Triazavirin®) active against SARS-CoV-2 (COVID-19). Organic and Biomolecular Chemistry, 2022, 20, 1828-1837.	2.8	6
3	Synthesis and photophysical properties of pyridyl- and quinolinyl-substituted bis(arylthienyl)pyridines. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 427, 113805.	3.9	1
4	Synthesis of novel [1,2,4]triazolo[1,5- <i>b</i>][1,2,4,5]tetrazines and investigation of their fungistatic activity. Beilstein Journal of Organic Chemistry, 2022, 18, 243-250.	2.2	2
5	Direct C-H Functionalization of Calix[<i>n</i>](het)arenes (<i>n</i> =4,6): A Brief Update. ChemistrySelect, 2022, 7, .	1.5	2
6	Fluoroaromatic 2H-imidazole-based push-pull fluorophores: Synthesis, theoretical studies, and application opportunities as probes for sensing the pH in saliva. Dyes and Pigments, 2022, 202, 110251.	3.7	7
7	Synthesis and photophysical properties of pyridyl- and quinolinyl-substituted 4-(4-aminophenyl)quinazolines. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113917.	3.9	6
8	¹⁵ N Chemical Shifts and <i>J</i> _{NN} -Couplings as Diagnostic Tools for Determination of the Azide®Tetrazole Equilibrium in Tetrazoloazines. Journal of Organic Chemistry, 2022, 87, 211-222.	3.2	5
9	New Approach to Biologically Active Indolo[2,3- <i>b</i>]quinoxaline Derivatives through Intramolecular Oxidative Cyclodehydrogenation. ChemistrySelect, 2022, 7, .	1.5	3
10	(A)symmetric chromophores based on cyano and fluorine-substituted 2,3-bis(5-arylthiophen-2-yl)quinoxalines: Synthesis, photophysical properties and application prospects. Dyes and Pigments, 2022, 204, 110434.	3.7	4
11	Synthesis of Pyrimidine Conjugates with 4-(6-Amino-hexanoyl)-7,8-difluoro-3,4-dihydro-3-methyl-2H-[1,4]benzoxazine and Evaluation of Their Antiviral Activity. Molecules, 2022, 27, 4236.	3.8	5
12	Push®Pull Derivatives Based on 2,4-®²-Biphenylene Linker with Quinoxaline, [1,2,5]Oxadiazolo[3,4-B]Pyrazine and [1,2,5]Thiadiazolo[3,4-B]Pyrazine Electron Withdrawing Parts. Molecules, 2022, 27, 4250.	3.8	12
13	Synthesis, photophysical and nonlinear optical properties of [1,2,5]oxadiazolo[3,4-b]pyrazine-based linear push-pull systems. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 404, 112900.	3.9	20
14	Investigation of 4,6-di(hetero)aryl-substituted pyrimidines as emitters for non-doped OLED and laser dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 408, 113089.	3.9	9
15	Highly-luminescent DTTA-appended lanthanide complexes of 4-(multi)fluoroaryl-2,2-®²-bipyridines: Synthesis and photophysical studies. Polyhedron, 2021, 195, 114962.	2.2	4
16	C(sp ²)®H functionalization in non-aromatic azomethine-based heterocycles. Organic and Biomolecular Chemistry, 2021, 19, 297-312.	2.8	19
17	Blue-light-promoted radical C®H azolation of cyclic nitrones enabled by Selectfluor®. Green Chemistry, 2021, 23, 2049-2057.	9.0	12
18	Computer vision <i>vs.</i> spectrofluorometer-assisted detection of common nitro-explosive components with <i>bola</i> -type PAH-based chemosensors. RSC Advances, 2021, 11, 25850-25857.	3.6	5

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19	Meso-functionalization of calix[4]arene with 1,3,7-triazapyrene in the design of novel fluorophores with the dual target detection of Al ³⁺ and Fe ³⁺ cations. RSC Advances, 2021, 11, 6407-6414.	3.6	6
20	The Rh(III)-catalysed C-H/N-H annulation of 2-thienyl- and 2-phenyl-quinazolin-4(3H)-ones with diphenylacetylene. New Journal of Chemistry, 2021, 45, 8456-8466.	2.8	2
21	Recent advances in the functionalization of polyfluoro(aza)aromatics via C-C coupling strategies. Organic and Biomolecular Chemistry, 2021, 19, 4429-4459.	2.8	12
22	Atom-efficient synthesis of hybrid molecules combining fragments of triazolopyrimidines and 3-ethoxycarbonyl-1-ethyl-6-fluoroquinolin-4(1H)-one through 1,2,3-triazole linker. Chemistry of Heterocyclic Compounds, 2021, 57, 143-153.	1.2	4
23	Renaissance of 4-(5-nitrofuran-2-yl)-5-arylamino substituted pyrimidines: microwave-assisted synthesis and antitubercular activity. Mendelev Communications, 2021, 31, 210-212.	1.6	9
24	The effect of molecular structure on the efficiency of 1,4-diazine-based (I)A push-pull systems for non-doped OLED applications. Dyes and Pigments, 2021, 187, 109124.	3.7	16
25	New Fluorine-Containing Derivatives of 4-Anilino-2-(methylsulfanyl)quinazolines. Russian Journal of Organic Chemistry, 2021, 57, 479-482.	0.8	0
26	Aerosol Inhalation Delivery of Triazavirin in Mice: Outlooks for Advanced Therapy Against Novel Viral Infections. Journal of Pharmaceutical Sciences, 2021, 110, 1316-1322.	3.3	13
27	Asymmetrically substituted 5,5'-diaryl-2,2':6',2'-terpyridines as efficient fluorescence turn-on probes for Zn ²⁺ in food/cosmetic samples and human urine. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 408, 113101.	3.9	5
28	Carborane-containing amino acids and peptides: Synthesis, properties and applications. Coordination Chemistry Reviews, 2021, 433, 213753.	18.8	24
29	Access to azolopyrimidine-6,7-diamines as a valuable building-blocks to develop new fused heteroaromatic systems. Tetrahedron, 2021, 89, 132172.	1.9	7
30	C(sp ²)-H functionalization of aldimines and related compounds: advances and prospects. Russian Chemical Reviews, 2021, 90, 374-394.	6.5	12
31	Antiviral Agents Benzazine Derivatives. Chemistry of Heterocyclic Compounds, 2021, 57, 374-382.	1.2	2
32	Novel purine conjugates with N-heterocycles: synthesis and anti-influenza activity. Chemistry of Heterocyclic Compounds, 2021, 57, 498-504.	1.2	7
33	Antiviral drug Triazavirin, selectively labeled with ² H, ¹³ C, and ¹⁵ N stable isotopes. Synthesis and properties. Chemistry of Heterocyclic Compounds, 2021, 57, 479-482.	1.2	7
34	Synthesis and antiherpetic activity of novel purine conjugates with 7,8-difluoro-3-methyl-3,4-dihydro-2H-1,4-benzoxazine. Chemistry of Heterocyclic Compounds, 2021, 57, 490-497.	1.2	7
35	Design of SiO ₂ /aminopropylsilane-modified magnetic Fe ₃ O ₄ nanoparticles for doxorubicin immobilization. Russian Chemical Bulletin, 2021, 70, 987-994.	1.5	6
36	Bispyrenylalkane Chemosensor for the Naked-eye Detection of Nitro-explosives. Chimica Techno Acta, 2021, 8, 20218209.	0.7	0

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37	Substituted 2-(2-hydroxyphenyl)-3H-quinazolin-4-ones and their difluoroboron complexes: Synthesis and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119497.	3.9	6
38	A new synthesis of 4-(2-trifluoromethyl-2,6-bis(2-terpyridine). <i>Mendeleev Communications</i> , 2021, 31, 388-389.	3.9	0
39	Pyrimidine-Based Push-Pull Systems with a New Anchoring Amide Group for Dye-Sensitized Solar Cells. <i>Electronic Materials</i> , 2021, 2, 142-153.	1.9	12
40	Electrochemical Aromatization of Dihydroazines: Effect of Chalco-Genophosphoryl (CGP) Substituents on Anodic Oxidation of 9-CGP-9,10-dihydroacridine. <i>Synthesis</i> , 2021, 53, 3791-3798.	2.3	2
41	Novel Pentafluorophenyl- and Alkoxyphenyl-Appended 2,2'-Bipyridine Push-Pull Fluorophores: A Convenient Synthesis and Photophysical Studies. <i>Synthesis</i> , 2021, 53, 3597-3607.	2.3	4
42	A new synthesis of 4-(2-trifluoromethyl-2,6-bis(2-terpyridine). <i>Mendeleev Communications</i> , 2021, 31, 388-389.	3.9	1
43	HPLC separation of 2-aryloxy-carboxylic acid enantiomers on chiral stationary phases. <i>Russian Chemical Bulletin</i> , 2021, 70, 900-907.	1.5	1
44	New approach to 5-aryl-amino-4-(5-aryloxyfuran-2-yl)pyrimidines: synthesis and antibacterial activity. <i>Russian Chemical Bulletin</i> , 2021, 70, 937-942.	1.5	5
45	5-Aryl-6-arylthio-2,2'-bipyridine and 6-Arylthio-2,5-diarylpyridine Fluorophores: Pot, Atom, Step Economic (PASE) Synthesis and Photophysical Studies. <i>Journal of Fluorescence</i> , 2021, 31, 1099-1111.	2.5	6
46	Ethynylation of [1,2,4]Triazolo[1,5-a]pyrimidines Using Substituted Ethynylmagnesium Bromides. <i>ChemistrySelect</i> , 2021, 6, 5167-5172.	1.5	3
47	2-Aminooxazoles as novel dienophiles in the inverse demand Diels-Alder reaction with 1,2,4-triazines. <i>Mendeleev Communications</i> , 2021, 31, 542-544.	1.6	17
48	1,3,7-Triazapyrene-Based ortho-Carborane Fluorophores: Convenient Synthesis, Theoretical Studies, and Aggregation-Induced Emission Properties. <i>Organometallics</i> , 2021, 40, 2792-2807.	2.3	6
49	An integrated aerosol setup for therapeutics and toxicological testing: Generation techniques and measurement instrumentation. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 181, 109659.	5.0	4
50	Metal-Free C-H/C-H Coupling of 2-H-Imidazole 1-Oxides with Polyphenols toward Imidazole-Linked Polyphenolic Compounds. <i>Journal of Organic Chemistry</i> , 2021, 86, 13702-13710.	3.2	6
51	Synthetic approaches and supramolecular properties of 2,2'-n-terpyridine domains (n=3,4,5,6; m=2,3,4) based on the 2,2'-bipyridine core as ligands with k ² N-bidentate coordination mode. <i>Coordination Chemistry Reviews</i> , 2021, 442, 213980.	18.8	9
52	Synthesis and approbation of new neuroprotective chemicals of pyrrolyl- and indolylazine classes in a cell model of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113577.	5.5	10
53	Azines as unconventional anchoring groups for dye-sensitized solar cells: The first decade of research advances and a future outlook. <i>Dyes and Pigments</i> , 2021, 194, 109650.	3.7	11
54	Bola-type PAH-based fluorophores/chemosensors: Synthesis via an unusual clemmensen reduction and photophysical studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 420, 113466.	3.9	5

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55	1,2,4,5-Tetrazine derivatives as components and precursors of photo- and electroactive materials. Organic Chemistry Frontiers, 2021, 8, 5182-5205.	4.5	14
56	Synthesis, characterization, and in vitro assessment of cytotoxicity for novel azaheterocyclic nido-carboranes – Candidates in agents for boron neutron capture therapy (BNCT) of cancer. Tetrahedron, 2021, 102, 132525.	1.9	4
57	Synthesis and properties of heterocycle-containing podands. Chemistry of Heterocyclic Compounds, 2021, 57, 971-983.	1.2	3
58	Design and Antioxidant Properties of Bifunctional 2H-Imidazole-Derived Phenolic Compounds – A New Family of Effective Inhibitors for Oxidative Stress-Associated Destructive Processes. Molecules, 2021, 26, 6534.	3.8	8
59	Promising Antifungal and Antibacterial Agents Based on 5-Aryl-2,2'-bipyridines and Their Heteroligand Salicylate Metal Complexes: Synthesis, Bioevaluation, Molecular Docking. ChemMedChem, 2021, , .	3.2	1
60	Dataset of NMR-spectra pyrrolyl- and indolylazines and evidence of their ability to induce heat shock genes expression in human neurons. Data in Brief, 2021, 39, 107562.	1.0	1
61	Synthesis of water-soluble gadolinium(III) complexes based on 5-aryl-2,2'-bipyridine with a DTTA residue in position C6. AIP Conference Proceedings, 2021, , .	0.4	1
62	Pyrene-based lipophilic/biphilic chemosensors for the fluorescence –turn-off– detection of nitroanalytes in aqueous media. AIP Conference Proceedings, 2021, , .	0.4	0
63	Oxidative C–H Functionalization of Arenes: Main Tool of 21st Century Green Chemistry. A Review. Doklady Chemistry, 2021, 499, 123-157.	0.9	5
64	A new approach to 4-arylstyrenes: microwave-assisted synthesis and photophysical properties. Russian Chemical Bulletin, 2021, 70, 2139-2144.	1.5	3
65	Azaheterocyclic Derivatives of ortho-Carborane: Synthetic Strategies and Application Opportunities. Synthesis, 2020, 52, 337-352.	2.3	5
66	Application of electrochemical oxidative methods in the C(sp ²) H functionalization of heterocyclic compounds. Advances in Heterocyclic Chemistry, 2020, , 1-47.	1.7	9
67	Betaine – N-Heterocyclic Carbene Interconversions of Quinazolin – One Imidazolium Mesomeric Betaines. Sulfur, Selenium, and Borane Adduct Formation. European Journal of Organic Chemistry, 2020, 2020, 450-465.	2.4	15
68	Rational synthetic methods in creating promising (hetero)aromatic molecules and materials. Mendelev Communications, 2020, 30, 537-554.	1.6	17
69	Unexpected transformation of 3-amino-4,4,4-trifluoro-1-phenylbut-2-en-1-one into 2,6-diphenyl-4-trifluoromethylpyridine. Mendelev Communications, 2020, 30, 676-678.	1.6	3
70	Cu(I)-Catalyzed Cycloaddition of Vinylacetylene <i>ortho</i>-Carborane and Arylazides in the Design of 1,2,3-Triazolyl-Modified Vinylcarborane Fluorophores. Organometallics, 2020, 39, 3679-3688.	2.3	9
71	A New Family of Fused Azolo[1,5- <i>a</i>]pteridines and Azolo[5,1- <i>b</i>]purines. ACS Omega, 2020, 5, 18226-18233.	3.5	12
72	Metal-free C–H/C–H coupling of 1,3-diazines and 1,2,4-triazines with 2-naphthols facilitated by Brønsted acids. Tetrahedron, 2020, 76, 131391.	1.9	11

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73	Electronâ€‘Withdrawing Substituted Quinazoline Pushâ€‘Pull Chromophores: Synthesis, Electrochemical, Photophysical and Secondâ€‘Order Nonlinear Optical Properties. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5445-5454.	2.4	13
74	Methods of Synthesis for the Azolo[1,2,4]Triazines. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 1254-1273.	1.2	13
75	Synthesis of novel 8-nitro-substituted 1,3-benzothiazin-4-ones. <i>Mendeleev Communications</i> , 2020, 30, 427-429.	1.6	1
76	Transition-Metal-Free Câ€‘H/Câ€‘Li Coupling of Nonaromatic 2<i>H</i>-Imidazole 1-Oxides with Pentafluorophenyl Lithium in the Design of Novel Fluorophores with Intramolecular Charge Transfer Effect. <i>Journal of Organic Chemistry</i> , 2020, 85, 11124-11133.	3.2	20
77	Rapid metal free construction of 3-positioned 2-pyridyl substituent in indoles. <i>Mendeleev Communications</i> , 2020, 30, 712-713.	1.6	5
78	Synthesis of 2-imidazolines by co-grinding of N-tosylaziridines and nitriles. <i>Mendeleev Communications</i> , 2020, 30, 188-189.	1.6	3
79	Assembly of annulated 1,3-diazapyrenes by consecutive cross-coupling and cyclodehydrogenation of (het)arene moieties. <i>Mendeleev Communications</i> , 2020, 30, 142-144.	1.6	10
80	Pyrrolylquinoxaline-2-One Derivative as a Potent Therapeutic Factor for Brain Trauma Rehabilitation. <i>Pharmaceutics</i> , 2020, 12, 414.	4.5	3
81	Chemical Elements in Medicine. <i>Herald of the Russian Academy of Sciences</i> , 2020, 90, 229-238.	0.6	0
82	Synthesis of Heteroannulated Indolopyrazines through Domino Nâ€‘H Palladium-Catalyzed/Metal-Free Oxidative Câ€‘H Bond Activation. <i>ACS Omega</i> , 2020, 5, 15681-15690.	3.5	9
83	Synthesis and characterization of linear 1,4-diazine-triphenylamineâ€‘based selective chemosensors for recognition of nitroaromatic compounds and aliphatic amines. <i>Dyes and Pigments</i> , 2020, 178, 108344.	3.7	20
84	Single-Crystal X-Ray Diffraction Studies in a Series of 5-Pentafluorophenyl-2,2'-bipyridines and Their Fused Analogs. <i>Russian Journal of General Chemistry</i> , 2020, 90, 235-237.	0.8	1
85	Features of a multicomponent Biginelli reaction involving 3-oxobutanoyl-containing podands, aromatic aldehydes, and 1,2,4-triazol-3-amine. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 88-91.	1.2	3
86	Synthesis and Photophysical Studies of Novel Vâ€‘Shaped 2,3â€‘Bis{5â€‘arylaâ€‘thienyl}(dibenzo[<i>f,h</i>])quinoxalines. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 673-681.	2.7	5
87	Synthesis and Antibacterial and Antifungal Activity of 3-(Azol-1-Yl)-6-R-1,2,4,5-Tetrazines. <i>Pharmaceutical Chemistry Journal</i> , 2020, 53, 899-904.	0.8	2
88	Synthesis and Physicochemical and Catalytic Properties of Composites in the SiO2â€‘ZrO2 System. <i>Inorganic Materials</i> , 2020, 56, 430-436.	0.8	1
89	Aryne-mediated transformations of 5-perfluorophenyl-substituted 3-(pyridin-2-yl)-1,2,4-triazines in the design of novel 10-(1H-1,2,3-triazol-1-yl)pyrido[1,2-a]indole fluorophores. <i>Tetrahedron</i> , 2020, 76, 131147.	1.9	8
90	Dibenzo[<i>f,h</i>]furazano[3,4- <i>b</i>]quinoxalines: Synthesis by Intramolecular Cyclization through Direct Transition Metal-Free Câ€‘H Functionalization and Electrochemical, Photophysical, and Charge Mobility Characterization. <i>ACS Omega</i> , 2020, 5, 8200-8210.	3.5	13

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91	Benzo[<i>b</i>]selenophene/thieno[3,2- <i>b</i>]indole-Based N,S,Se-Heteroacenes for Hole-Transporting Layers. ACS Omega, 2020, 5, 9377-9383.	3.5	14
92	Design of fluorescent sensors based on azaheterocyclic push-pull systems towards nitroaromatic explosives and related compounds: A review. Dyes and Pigments, 2020, 180, 108414.	3.7	89
93	Synthesis and structure of regioisomeric amino enones containing 2-pyridyl and CF ₃ substituents. Russian Chemical Bulletin, 2020, 69, 2355-2362.	1.5	3
94	Fragment-based approach to novel bioactive purine derivatives. Pure and Applied Chemistry, 2020, 92, 1277-1295.	1.9	11
95	Synthesis, photophysical and redox properties of the 2,5,7-tri(het)aryl-[1,2,4]triazolo[1,5- <i>a</i>]pyrimidines. Arkivoc, 2020, 2020, 330-343.	0.5	2
96	Synthesis of meso-2,2'-bipyridyl-substituted calix[4]arenes and their response to metal cations. Chimica Techno Acta, 2020, 7, 215-221.	0.7	2
97	Nucleophilic addition of indoles to carborancarboxaldehyde – A convenient synthetic strategy towards novel boron-enriched 3-indolylmethanols. AIP Conference Proceedings, 2020, , .	0.4	0
98	The convenient UPLS method for the determination of Ceftiofur in blood plasma. AIP Conference Proceedings, 2020, , .	0.4	0
99	Comparison of methods of synthesis of 5-methyl-1,2,4-triazolo[1,5- <i>a</i>]pyrimidin-7(4H)-one in supercritical carbon dioxide. AIP Conference Proceedings, 2020, , .	0.4	0
100	Synthesis and Study of Psychotropic Activity of 1-Substituted 4-Amino-5-oxoprolines. Doklady Chemistry, 2020, 494, 131-135.	0.9	4
101	2-Azaanthracene (microreview). Chemistry of Heterocyclic Compounds, 2019, 55, 505-507.	1.2	3
102	Fluorinated 1,3-benzothiazin-4-ones containing fluoroquinolone fragment. Chemistry of Heterocyclic Compounds, 2019, 55, 578-582.	1.2	2
103	The First Example of Palladium(II)-Catalyzed Oxidative C–N Cross Coupling of 2H-Imidazole 1-Oxide with Azoles. Chemistry of Heterocyclic Compounds, 2019, 55, 783-787.	1.2	5
104	[N-(1-(Purin-6-yl)aminoalkanoyl)] Derivatives of Chiral Heterocyclic Amines as Promising Anti-Herpesvirus Agents. European Journal of Organic Chemistry, 2019, 2019, 4811-4821.	2.4	13
105	1-Nicotinoylbenzotriazole: A Convenient Tool for Site-Selective Protection of 5,7-Dihydroxycoumarins. Synthesis, 2019, 51, 3617-3624.	2.3	7
106	Synthesis of Purine and 2-Aminopurine Conjugates with N-(4-Aminobenzoyl)-(S)-glutamic Acid. Russian Journal of Organic Chemistry, 2019, 55, 755-761.	0.8	3
107	Synthesis of New Purine Derivatives Containing 1- and 6-Amino Acid Fragments. Russian Journal of Organic Chemistry, 2019, 55, 762-770.	0.8	4
108	4-(Het)aryl-4,7-dihydroazolopyrimidines and Their Tuberculostatic Activity. Russian Journal of Organic Chemistry, 2019, 55, 775-781.	0.8	4

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109	Synthesis of 2-Substituted 6-(Polyfluoromethyl)pyrimidine-4-carbaldehyde Acetals. Russian Journal of Organic Chemistry, 2019, 55, 879-882.	0.8	2
110	Oxidative Cyclization of Lithium 4-Ethoxy-1,1,1-trifluoro-4-oxobut-2-en-2-olate. Russian Journal of Organic Chemistry, 2019, 55, 883-885.	0.8	0
111	Synthesis of 3-Aroyl-2-(polyfluoroalkyl)quinoxalines and 3-Aroyl-2-(polyfluoroalkyl)benzo[g]quinoxalines from Lithium 3-(Fluoroalkyl)-1,3-diketonates. Russian Journal of Organic Chemistry, 2019, 55, 890-893.	0.8	3
112	Reaction of 1,5-Bis(polyfluoroalkyl)-1,3,5-triketones with Amidines. Russian Journal of Organic Chemistry, 2019, 55, 894-896.	0.8	0
113	Synthesis and structure of lithium 3-trifluoromethyl-1,3-diketonates containing pyridyl substituents. Russian Chemical Bulletin, 2019, 68, 1213-1218.	1.5	5
114	Synthesis of 2-(polyfluoromethyl)pyrimido-[1,2-a]benzimidazole-4-carbaldehyde derivatives. Mendeleev Communications, 2019, 29, 249-251.	1.6	4
115	Synthesis and X-ray structural studies of 5-methyl-6-nitro-7-oxo-4,7-dihydro-1,2,4-triazolo[1,5- Δ^o]pyrimidine L-arginine and piperidine salts. Chemistry of Heterocyclic Compounds, 2019, 55, 989-992.	1.2	6
116	One-step synthesis of 1,4-bis(het)arylisquinolines by the reaction of 1,2,4-triazines with arynes. Chemistry of Heterocyclic Compounds, 2019, 55, 978-984.	1.2	14
117	Functionalized benzazines as luminescent materials and components for optoelectronics. Russian Chemical Reviews, 2019, 88, 1128-1178.	6.5	42
118	Electrochemical Oxidative Aromatization of 9-Substituted 9,10-Dihydroacridines: Cleavage of C-H vs C-X Bond. Chemistry of Heterocyclic Compounds, 2019, 55, 956-963.	1.2	8
119	Stable Isotope-Labeled Azoloazines. Synthesis of a $^{13}\text{D}_1$ and ^{15}N Isotope-Enriched Derivative of Pyrazolo[5,1-c][1,2,4]Triazine - Potential Antidiabetic Agent. Chemistry of Heterocyclic Compounds, 2019, 55, 856-860.	1.2	7
120	Theoretical conformational studies of podands containing (2S,4R)-4-hydroxyproline moieties. Chemistry of Heterocyclic Compounds, 2019, 55, 755-761.	1.2	3
121	Pericyclic reactions in the synthesis of new 5-aryl-5,6-dihydroquinolino[2,1-b]quinazolin-12-ones. Mendeleev Communications, 2019, 29, 135-137.	1.6	0
122	Synthesis and antimycobacterial activity of purine conjugates with (S)-lysine and (S)-ornithine. Mendeleev Communications, 2019, 29, 11-13.	1.6	11
123	^{15}N labeling and analysis of ^{13}C - ^{15}N and ^{13}C - ^{15}N couplings in studies of the structures and chemical transformations of nitrogen heterocycles. RSC Advances, 2019, 9, 26856-26879.	3.6	22
124	A PASE-based approach towards 12-(1H-1,2,3-triazol-1-yl)-indolo[2,1-a]isoquinolines via the reaction of 3-(isoquinolin-1-yl)-1,2,4-triazines with benzyne. Mendeleev Communications, 2019, 29, 369-371.	1.6	11
125	Synthesis of regular polyhexene in perfluoromethylcyclohexane. AIP Conference Proceedings, 2019, , .	0.4	3
126	Lithium benzenechromiumtricarbonyl as C-nucleophile in the cross-dehydrogenative coupling reactions of azaaromatics. Inorganica Chimica Acta, 2019, 487, 339-344.	2.4	2

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127	2-Azaanthracenes: a chronology of synthetic approaches and bright prospects for practical applications. <i>New Journal of Chemistry</i> , 2019, 43, 11382-11390.	2.8	6
128	Nucleophilic substitution of hydrogenâ€”the Boger reaction sequence as an approach towards 8-(pyridin-2-yl)coumarins. <i>Mendeleev Communications</i> , 2019, 29, 299-300.	1.6	23
129	Synthesis and antimycobacterial activity of imidazo[1,2-b][1,2,4,5]tetrazines. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 39-47.	5.5	19
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