Valery Charushin

List of Publications by Year
in descending order

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645	7,614	101384	168136
papers	citations	36 h-index	53 g-index

748	748	748	4987
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A decade update on solvent and catalyst-free neat organic reactions: a step forward towards sustainability. Green Chemistry, 2016, 18, 4475-4525.	4.6	185
2	Copper nanoparticles as inexpensive and efficient catalyst: A valuable contribution in organic synthesis. Coordination Chemistry Reviews, 2017, 353, 1-57.	9.5	136
3	Organofluorine chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2019, 88, 425-569.	2.5	127
4	Nucleophilic substitution of hydrogen in azines. Tetrahedron, 1988, 44, 1-34.	1.0	95
5	Design of fluorescent sensors based on azaheterocyclic push-pull systems towards nitroaromatic explosives and related compounds: A review. Dyes and Pigments, 2020, 180, 108414.	2.0	89
6	Recent advances in the field of nucleophilic aromatic substitution of hydrogen. Tetrahedron Letters, 2016, 57, 2665-2672.	0.7	85
7	Synthesis and antiviral activity of fluorinated pyrido[1,2-a]benzimidazoles. Pharmaceutical Chemistry Journal, 2005, 39, 574-578.	0.3	82
8	Biologically active azolo-1,2,4-triazines and azolopyrimidines. Russian Chemical Bulletin, 2018, 67, 573-599.	0.4	79
9	Nucleophilic aromatic substitution of hydrogen and related reactions. Mendeleev Communications, 2007, 17, 249-254.	0.6	75
10	Synthesis, spectral and electrochemical properties of pyrimidine-containing dyes as photosensitizers for dye-sensitized solar cells. Dyes and Pigments, 2014, 100, 201-214.	2.0	74
11	Azolo[5,1-c]-1,2,4-triazines as a new class of antiviral compounds. Russian Chemical Bulletin, 2008, 57, 985-1014.	0.4	71
12	Modern Trends of Organic Chemistry in Russian Universities. Russian Journal of Organic Chemistry, 2018, 54, 157-371.	0.3	68
13	Recent Advances on Diverse Decarboxylative Reactions of Amino Acids. Advanced Synthesis and Catalysis, 2019, 361, 2161-2214.	2.1	67
14	Aerobic oxidative Câ€“H/Câ€“H coupling of azaaromatics with indoles and pyrroles in the presence of TiO₂as a photocatalyst. Green Chemistry, 2015, 17, 4401-4410.	4.6	65
15	Antiviral Properties, Metabolism, and Pharmacokinetics of a Novel Azolo-1,2,4-Triazine-Derived Inhibitor of Influenza A and B Virus Replication. Antimicrobial Agents and Chemotherapy, 2010, 54, 2017-2022.	1.4	64
16	SNH methodology and new approaches to condensed heterocyclic systems. Pure and Applied Chemistry, 2004, 76, 1621-1631.	0.9	56
17	Kinetic resolution of (Â±)-2,3-dihydro-3-methyl-4H-1,4-benzoxazines with (S)-naproxen. Tetrahedron: Asymmetry, 1999, 10, 2691-2702.	1.8	55
18	Reactions of Azines with Bifunctional Nucleophiles: Cyclizations and Ring Transformations. Advances in Heterocyclic Chemistry, 1988, 43, 301-353.	0.9	49

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19	Detection of nitroaromatic explosives by new Dâ€“Ï€â€“A sensing fluorophores on the basis of the pyrimidine scaffold. Analytical and Bioanalytical Chemistry, 2016, 408, 4093-4101.	1.9	49
20	Nucleophilic Câ€“H functionalization of arenes: a new logic of organic synthesis. Pure and Applied Chemistry, 2017, 89, 1195-1208.	0.9	48
21	Organic chemistry. History and mutual relations of universities of Russia. Russian Journal of Organic Chemistry, 2017, 53, 1275-1437.	0.3	48
22	Functionalized Quinazolines and Pyrimidines for Optoelectronic Materials. Current Organic Synthesis, 2018, 15, 793-814.	0.7	48
23	Fluorescent Detection of 2,4â€DNT and 2,4,6â€TNT in Aqueous Media by Using Simple Waterâ€Soluble Pyrene Derivatives. Chemistry - an Asian Journal, 2016, 11, 775-781.	1.7	44
24	Kinetic resolution of (Â±)-2,3-dihydro-3-methyl-4H-1,4-benzoxazine, (Â±)-2-methyl-1,2,3,4-tetrahydroquinoline and (Â±)-2-methylindoline using N-tosyl-(S)-prolyl chloride. Tetrahedron: Asymmetry, 2003, 14, 1985-1988.	1.8	43
25	9-Substituted acridine derivatives as acetylcholinesterase and butyrylcholinesterase inhibitors possessing antioxidant activity for Alzheimer's disease treatment. Bioorganic and Medicinal Chemistry, 2017, 25, 5981-5994.	1.4	43
26	Functionalized benzazines as luminescent materials and components for optoelectronics. Russian Chemical Reviews, 2019, 88, 1128-1178.	2.5	42
27	Nucleophilic Câ€”H functionalization of arenes: a contribution to green chemistry. Russian Chemical Bulletin, 2019, 68, 453-471.	0.4	42
28	Ring transformations of 5-nitropyrimidine via inverse diels-alder reactions. Tetrahedron Letters, 1982, 23, 3965-3968.	0.7	41
29	Fluorinated azines and benzazines containing oxygen or sulfur atoms. Journal of Fluorine Chemistry, 2010, 131, 1267-1288.	0.9	41
30	N-Phthaloyl-(S)-alanyl chloride as a chiral resolving agent for the kinetic resolution of heterocyclic amines. Tetrahedron: Asymmetry, 2004, 15, 859-862.	1.8	40
31	Reaction of Polyhaloalkyl-Substituted Chromones, Pyrones, and Furanones with Salicylaldehydes as a Direct Route to Fused 2H-Chromenes. Journal of Organic Chemistry, 2006, 71, 4538-4543.	1.7	40
32	The .sigma. adducts of 5-nitropyrimidines with liquid ammonia and their oxidation into aminonitropyrimidines. Journal of Organic Chemistry, 1983, 48, 1354-1357.	1.7	39
33	Solvent-free synthesis of pillar[6]arenes. Green Chemistry, 2016, 18, 423-426.	4.6	39
34	Solvent-free synthesis of 5-(aryl/alkyl)amino-1,2,4-triazines and Î±-arylamino-2,2â€²-bipyridines with greener prospects. RSC Advances, 2017, 7, 9610-9619.	1.7	39
35	New 4,5-di(hetero)arylpyrimidines as sensing elements for detection of nitroaromatic explosives in vapor phase. Dyes and Pigments, 2017, 137, 360-371.	2.0	39
36	Combination of the Suzukiâ€“Miyaura cross-coupling and nucleophilic aromatic substitution of		

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37	Recent Advances in Direct Câ€“H Functionalization of Pyrimidines. Synthesis, 2018, 50, 193-210.	1.2	37
38	A concise approach to CF3-containing furan-3-ones, (bis)pyrazoles from novel fluorinated building blocks based on 2,3-butanedione. Tetrahedron Letters, 2014, 55, 5714-5717.	0.7	36
39	Fluorine-containing indoles: Synthesis and biological activity. Journal of Fluorine Chemistry, 2018, 212, 51-106.	0.9	36
40	A facile and convenient synthesis and photovoltaic characterization of novel thieno[2,3-b]indole dyes for dye-sensitized solar cells. Synthetic Metals, 2015, 199, 152-158.	2.1	35
41	Application of 1H, 13C and 15N NMR in the chemistry of 1,4-diazines. Progress in Nuclear Magnetic Resonance Spectroscopy, 1988, 20, 95-206.	3.9	34
42	Kinetic resolution of (Â±)-2-methyl-1,2,3,4-tetrahydroquinoline and (Â±)-2-methylindoline. Mendeleev Communications, 2002, 12, 27-28.	0.6	34
43	Azinylarylethenes: synthesis and photophysical and photochemical properties. Russian Chemical Reviews, 2011, 80, 1115-1133.	2.5	34
44	Construction of Heteroacenes with Fused Thiophene and Pyrrole Rings via the Fischer Indolization Reaction. Organic Letters, 2016, 18, 804-807.	2.4	34
45	Progress in the studies of oxidation of dihydropyridines and their analogues. Russian Chemical Reviews, 2007, 76, 23-40.	2.5	33
46	Covalent Surface Modification of Fe3O4 Magnetic Nanoparticles with Alkoxy Silanes and Amino Acids. Mendeleev Communications, 2013, 23, 14-16.	0.6	33
47	Atom- and step-economical nucleophilic arylation of azaaromatics via electrochemical oxidative cross Câ€“C coupling reactions. Green Chemistry, 2017, 19, 2931-2935.	4.6	33
48	Palladium(II)-Catalyzed Oxidative Câ€“H/Câ€“H Coupling and Eliminative S_N^H Reactions in Direct Functionalization of Imidazole Oxides with Indoles. Journal of Organic Chemistry, 2012, 77, 9087-9093.	1.7	32
49	Direct nucleophilic functionalization of C(sp²)â€“H-bonds in arenes and hetarenes by electrochemical methods. Russian Chemical Reviews, 2013, 82, 747-771.	2.5	32
50	6â€Nitroazolo[1,5â€a]pyrimidinâ€7(4H)â€ones as Antidiabetic Agents. Archiv Der Pharmazie, 2017, 350, 1700226.	2.1	32
51	Acylative kinetic resolution of racemic amines using N-phthaloyl-(S)-amino acyl chlorides. Tetrahedron: Asymmetry, 2010, 21, 936-942.	1.8	31
52	Synthesis, Photophysical and Redox Properties of the Dâ€“Ï€â€“A Type Pyrimidine Dyes Bearing the 9-Phenyl-9H-Carbazole Moiety. Journal of Fluorescence, 2015, 25, 763-775.	1.3	31
53	Recent Advances in the Chemistry of as-Triazinuum Salts. Heterocycles, 1992, 33, 931.	0.4	31
54	Enantiomers of 3-amino-1-methyl-1,2-dicarba-closo-dodecaborane. Tetrahedron: Asymmetry, 2002, 13, 1833-1835.	1.8	30

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55	Acidic hydrolysis of N-acyl-1-substituted 3-amino-1,2-dicarba-closo-dodecaboranes. Journal of Organometallic Chemistry, 2005, 690, 2783-2786.	0.8	30
56	A convenient approach to the design and synthesis of indolo[3,2-c]coumarins via the microwave-assisted Cadogan reaction. Tetrahedron Letters, 2013, 54, 5734-5738.	0.7	30
57	New V-shaped 2,4-di(hetero)arylpyrimidine push-pull systems: Synthesis, solvatochromism and sensitivity towards nitroaromatic compounds. Dyes and Pigments, 2018, 159, 35-44.	2.0	30
58	The Reactions of Azines on Treatment with 1,3-Bifunctional Nucleophiles. Russian Chemical Reviews, 1984, 53, 956-970.	2.5	29
59	New 2 H -[1,2,3]triazolo[4,5- e][1,2,4]triazolo[1,5- a]pyrimidine derivatives as luminescent fluorophores for detection of nitroaromatic explosives. Tetrahedron, 2016, 72, 4954-4961.	1.0	29
60	Extended cavity pyrene-based iptycenes for the turn-off fluorescence detection of RDX and common nitroaromatic explosives. New Journal of Chemistry, 2017, 41, 2309-2320.	1.4	29
61	Synthesis of pyridines from 1,2,4-triazines under high pressure. Russian Journal of Organic Chemistry, 2008, 44, 407-411.	0.3	28
62	Fluorine-containing pyrazoles and their condensed derivatives: Synthesis and biological activity. Journal of Fluorine Chemistry, 2015, 175, 84-109.	0.9	28
63	Heterocyclic and Open-Chain Carboranes via Transition-Metal-Free Câ€“H Functionalization of Mono- and Diazine-N-oxides. Organometallics, 2015, 34, 5285-5290.	1.1	28
64	Reactivity of 3-alkynylthio-1-ethyl-1,2-4-triazinium salts in intramolecular Diels-Alder reactions. Tetrahedron, 1989, 45, 6499-6510.	1.0	27
65	The First Synthesis of 4-Unsubstituted 3-(Trifluoroacetyl)coumarins by the Knoevenagel Condensation of Salicylaldehydes with Ethyl TrifluoroacetoÂacetate Followed by Chromene-Coumarin Recyclization. Synlett, 2008, 2008, 281-285.	1.0	27
66	Microwave-assisted palladium-catalyzed Câ€“C coupling versus nucleophilic aromatic substitution of hydrogen (SNH) in 5-bromopyrimidine by action of bithiophene and its analogues. Tetrahedron, 2013, 69, 5164-5172.	1.0	26
67	Metal-Free Câ€“H Functionalization of Aromatic Compounds Through the Action of Nucleophilic Reagents. Topics in Heterocyclic Chemistry, 2014, , 1-50.	0.2	26
68	Synthesis, photophysical and electrochemical properties of novel 6,12-di(thiophen-2-yl) substituted indolo[3,2-b]carbazoles. Tetrahedron, 2014, 70, 4685-4696.	1.0	26
69	Effect of nanosized TiO2â€“SiO2 covalently modified by chiral molecules on the asymmetric Biginelli reaction. Catalysis Today, 2015, 241, 270-274.	2.2	26
70	Asymmetric Biginelli Reaction Catalyzed by Silicon, Titanium and Aluminum Oxides. Catalysis Letters, 2016, 146, 493-498.	1.4	26
71	Aminovinyl ketones and aminovinyl esters as Cî—¸Cî—¸N building blocks for the synthesis of 1H-pyrrolo[3,2-e]1,2,4-triazines. Tetrahedron Letters, 2003, 44, 2421-2424.	0.7	24
72	5(6)-Fluoro-6(5)-R-benzofuroxans: synthesis and NMR , and studies. Journal of Fluorine Chemistry, 2004, 125, 421-428.	0.9	24

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73	Synthesis of carborane analogues of Î³-aminobutanoic acid. Journal of Organometallic Chemistry, 2005, 690, 2761-2765.	0.8	24
74	Synthesis and tuberculostatic activity of fluorine-containing derivatives of quinolone, quinazolinone, and benzothiazinone. Pharmaceutical Chemistry Journal, 2008, 42, 169-174.	0.3	24
75	Copper and nickel chelate complexes with polydentate N,O-ligands: structure and magnetic properties of polynuclear complexes. Russian Chemical Reviews, 2015, 84, 310-333.	2.5	24
76	Synthesis and Evaluation of Novel [1,2,4]Triazolo[5,1â€c][1,2,4]â€triazines and Pyrazolo[5,1â€c][1,2,4]triazines as Potential Antidiabetic Agents. Archiv Der Pharmazie, 2017, 350, 1600361.	2.1	24
77	Azoloazines as A_{2a} receptor antagonists. Structure â€“ activity relationship. Russian Chemical Reviews, 2018, 87, 636-669.	2.5	24
78	Carborane-containing amino acids and peptides: Synthesis, properties and applications. Coordination Chemistry Reviews, 2021, 433, 213753.	9.5	24
79	Substituent effect on the stereoselectivity of acylation of racemic heterocyclic amines with N-phthaloyl-3-aryl-(S)-alanyl chlorides. Tetrahedron: Asymmetry, 2011, 22, 185-189.	1.8	23
80	Synthesis and characterization of new complexes derived from 4-thienyl substituted pyrimidines. Polyhedron, 2015, 100, 89-99.	1.0	23
81	New 2,3â€Bis(5â€arylthiophenâ€2â€yl)quinoxaline Derivatives: Synthesis and Photophysical Properties. Asian Journal of Organic Chemistry, 2018, 7, 1080-1084.	1.3	23
82	Purine derivatives with antituberculosis activity. Russian Chemical Reviews, 2018, 87, 604-618.	2.5	23
83	Nucleophilic substitution of hydrogenâ€“the Boger reaction sequence as an approach towards 8-(pyridin-2-yl)coumarins. Mendeleev Communications, 2019, 29, 299-300.	0.6	23
84	Inhibition of DNA Gyrase by Levofloxacin and Related Fluorine-Containing Heterocyclic Compounds. Acta Naturae, 2011, 3, 94-99.	1.7	23
85	Cyclizations of 1,2,4-triazinium salts with bifunctional nucleophiles - a new route to condensed 1,2,4-triazines. Tetrahedron Letters, 1988, 29, 1431-1434.	0.7	22
86	Fluorinated lithium 1,3-diketonates as reagents to modify podands and crown-ethers. Journal of Fluorine Chemistry, 2007, 128, 762-768.	0.9	22
87	Novel bis[(1,2,3-triazolyl)methyl]carborane derivatives via regiospecific copper-catalyzed 1,3-dipolar cycloaddition. Polyhedron, 2012, 42, 302-306.	1.0	22
88	Organolithium compounds in the nucleophilic substitution of hydrogen in arenes and hetarenes. Russian Chemical Reviews, 2015, 84, 1191-1225.	2.5	22
89	Synthesis, structure and photoluminescent properties of BF2 and BPh2 complexes with N,O-benzazine ligands. Journal of Fluorine Chemistry, 2015, 175, 145-151.	0.9	22
90	Synthesis and antimycobacterial activity of N -(2-aminopurin-6-yl) and N -(purin-6-yl) amino acids and dipeptides. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2645-2648.	1.0	22

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91	¹⁵N labeling and analysis of¹³Câ€“¹⁵N and¹Hâ€“¹⁵N couplings in studies of the structures and chemical transformations of nitrogen heterocycles. RSC Advances, 2019, 9, 26856-26879.	1.7	22
92	Direct C H/C Li coupling of 1,2,4-triazines with C6F5Li followed by aza-Diels-Alder reaction as a pot, atom, and step economy (PASE) approach towards novel fluorinated 2,2â€²-bipyridine fluorophores. Journal of Fluorine Chemistry, 2019, 224, 89-99.	0.9	22
93	Development of new antituberculosis drugs among of 1,3- and 1,4-diazines. Highlights and perspectives. Russian Chemical Bulletin, 2019, 68, 2172-2189.	0.4	22
94	A simple one pot synthesis of condensed 1,2,4â€triazines by using the tandem a_{Nâ€}S_N^{ipso} and S_N^Hâ€S_N^{ipsa} reactions. Journal of Heterocyclic Chemistry, 2001, 38, 901-907.	1.4	21
95	Kinetic resolution of (Â±)-2,3-dihydro-3-methyl-4H-1,4-benzoxazine in the reaction with (S)-naproxen chloride: a theoretical study. Mendeleev Communications, 2004, 14, 69-70.	0.6	21
96	Functionalization of Fe3O4 magnetic nanoparticles with RGD peptide derivatives. Mendeleev Communications, 2014, 24, 20-22.	0.6	21
97	Nucleophilic Substitution of Hydrogen in Heteroaromatics. , 1994, , 89-245.		20
98	One-Step Heterylation at the Upper Rim of Calix[4]arene with 1,2,4-Triazin-5(2H)-ones. Journal of Organic Chemistry, 2006, 71, 8272-8275.	1.7	20
99	Catalytic effect of nanosized metal oxides in the Biginelli reaction. Kinetics and Catalysis, 2011, 52, 226-233.	0.3	20
100	Synthesis and Photophysical Studies of 2â€(Thiophenâ€2â€yl)â€4â€(morpholinâ€4â€yl)quinazoline Derivatives. European Journal of Organic Chemistry, 2016, 2016, 2876-2881.	1.2	20
101	Synthesis and evaluation of antitubercular activity of fluorinated 5-aryl-4-(hetero)aryl substituted pyrimidines. Bioorganic and Medicinal Chemistry, 2016, 24, 3771-3780.	1.4	20
102	Transition-Metal-Free Câ€“H/Câ€“Li Coupling of Nonaromatic 2H-Imidazole 1-Oxides with Pentafluorophenyl Lithium in the Design of Novel Fluorophores with Intramolecular Charge Transfer Effect. Journal of Organic Chemistry, 2020, 85, 11124-11133.	1.7	20
103	Synthesis and characterization of linear 1,4-diazine-triphenylamineâ€“based selective chemosensors for recognition of nitroaromatic compounds and aliphatic amines. Dyes and Pigments, 2020, 178, 108344.	2.0	20
104	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.	2.0	20
105	Nucleophilic Substitution of Hydrogen in Arenes. , 1994, , 16-88.		20
106	Ring transformations in reactions of heterocyclic compounds with nucleophiles. Part 26. 1,3- and 1,4-Cyclo adducts as intermediates in the pyrimidine to pyridine ring transformation of 5-nitropyrimidines by .alpha.-phenylacetamidines. Journal of Organic Chemistry, 1983, 48, 2667-2671.	1.7	19
107	A new approach to fluorinated 4(3H)-quinazolinones. Journal of Fluorine Chemistry, 2007, 128, 748-754.	0.9	19
108	Synthesis and photophysical properties of 2-styrylquinazolin-4-ones. Russian Journal of Organic Chemistry, 2011, 47, 753-761.	0.3	19

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109	1,2,4,5-Tetrazines and Azolo[1,2,4,5]tetrazines: Synthesis and Reactions with Nucleophiles. Chemistry of Heterocyclic Compounds, 2013, 49, 66-91.	0.6	19
110	Two Approaches in the Synthesis of Planar Chiral Azinylferrocenes. Journal of Organic Chemistry, 2014, 79, 8659-8667.	1.7	19
111	Synthesis and antituberculosis activity of novel 5-styryl-4-(hetero)aryl-pyrimidines via combination of the Pd-catalyzed Suzuki cross-coupling and SNH reactions. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3118-3120.	1.0	19
112	A Convenient Approach to CF₃â€Containing Nâ€Heterocycles Based on 2â€Methoxyâ€2â€methylâ€5â€(trifluoromethyl)furanâ€3(2H)â€one. European Journal of Organic Chemistry, 2015, 2015, 5236-5245.	1.2	19
113	Synthesis, and structureâ€“activity relationship for C(4) and/or C(5) thienyl substituted pyrimidines, as a new family of antimycobacterial compounds. European Journal of Medicinal Chemistry, 2015, 97, 225-234.	2.6	19
114	Câ€“H functionalization of azines. Anodic dehydroaromatization of 9-(hetero)aryl-9,10-dihydroacridines. RSC Advances, 2016, 6, 77834-77840.	1.7	19
115	Fluorine-containing indazoles: Synthesis and biological activity. Journal of Fluorine Chemistry, 2016, 192, 1-21.	0.9	19
116	Synthesis and antimycobacterial activity of imidazo[1,2-b][1,2,4,5]tetrazines. European Journal of Medicinal Chemistry, 2019, 178, 39-47.	2.6	19
117	Direct Functionalization of C(sp²)â€“H Bond in Nonaromatic Azaheterocycles: Palladium-Catalyzed Cross-Dehydrogenative Coupling (CDC) of 2H-Imidazole 1-Oxides with Pyrroles and Thiophenes. ACS Omega, 2019, 4, 825-834.	1.6	19
118	C(sp²)â€“H functionalization in non-aromatic azomethine-based heterocycles. Organic and Biomolecular Chemistry, 2021, 19, 297-312.	1.5	19
119	New V-shaped push-pull systems based upon 4,5-di(hetero)aryl substituted pyrimidines: their synthesis and application for the detection of nitroaromatic explosives. Arkivoc, 2016, 2016, 360-373.	0.3	19
120	2-Arylpropionyl chlorides in kinetic resolution of racemic 3-methyl-2,3-dihydro-4H-[1,4]benzoxazines. Russian Chemical Bulletin, 2011, 60, 948-954.	0.4	18
121	Transition-Metal-Free Cross-Dehydrogenative Coupling of Triazines with 5,7-Dihydroxycoumarins. Synlett, 2016, 27, 2606-2610.	1.0	18
122	Transition metal-free oxidative and deoxygenative Câ€“H/Câ€“Li cross-couplings of 2H-imidazole 1-oxides with carboranyl lithium as an efficient synthetic approach to azaheterocyclic carboranes. Beilstein Journal of Organic Chemistry, 2018, 14, 2618-2626.	1.3	18
123	Novel fluorophores based on imidazopyrazine derivatives: Synthesis and photophysical characterization focusing on solvatochromism and sensitivity towards nitroaromatic compounds. Dyes and Pigments, 2019, 168, 248-256.	2.0	18
124	Fluoroalkyl-Containing Lithium 1,3-Diketonates in Reactions with Amines and Ammonium Salts. Russian Journal of Organic Chemistry, 2005, 41, 1452-1457.	0.3	17
125	Fluorine-containing quinazolines and their oxa and thia analogues: Synthesis and biological activities. Russian Chemical Reviews, 2009, 78, 387-406.	2.5	17
126	1,3-Dipolar cycloaddition of [(o-carboran-1-yl)methyl]azide to alkynes. Doklady Chemistry, 2010, 434, 245-248.	0.2	17

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127	Rational synthetic methods in creating promising (hetero)aromatic molecules and materials. Mendeleev Communications, 2020, 30, 537-554.	0.6	17
128	2-Aminooxazoles as novel dienophiles in the inverse demand Dielsâ€“Alder reaction with 1,2,4-triazines. Mendeleev Communications, 2021, 31, 542-544.	0.6	17
129	Application of1H and13C NMR to the structural elucidation of tetrahydroquinoxalines condensed with five-membered heterocycles. Magnetic Resonance in Chemistry, 1984, 22, 775-778.	0.7	16
130	Nucleophilic substitutions in 6,7-difluoroquinoxalines. Journal of Fluorine Chemistry, 2001, 107, 71-80.	0.9	16
131	An unusual aromatisation of dihydropyrimidines facilitated by reduction of the nitro group. Tetrahedron Letters, 2007, 48, 5873-5876.	0.7	16
132	Ring transformations in reactions of heterocyclic compounds with nucleophiles. The conversion of 5â€•nitropyrimidine into pyridine derivatives by CHâ€•acitve nitriles. Recueil Des Travaux Chimiques Des Pays-Bas, 1983, 102, 373-377.	0.0	16
133	Catalytic effect of nanosized metal oxides on the Hantzsch reaction. Kinetics and Catalysis, 2010, 51, 566-572.	0.3	16
134	Novel synthetic routes to N-(2-amino-9H-purin-6-yl)-substituted amino acids. Mendeleev Communications, 2014, 24, 35-36.	0.6	16
135	5-(Methylidene)barbituric acid as a new anchor unit for dye-sensitized solar cells (DSSC). Arkivoc, 2014, 2014, 123-131.	0.3	16
136	Direct nuclophilic Câ€“H functionalization of azines and their N-oxides by lithium derivatives of aldonitrones. Tetrahedron, 2015, 71, 7077-7082.	1.0	16
137	Role of polar solvents for the synthesis of pillar[6]arenes. RSC Advances, 2015, 5, 104284-104288.	1.7	16
138	Synthesis and biological evaluation of novel 5-aryl-4-(5-nitrofuran-2-yl)-pyrimidines as potential anti-bacterial agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3003-3006.	1.0	16
139	Metal-free Câ€“H functionalization of 2H-imidazole 1-oxides with pyrrolyl fragments in the design of novel azaheterocyclic ensembles. Organic and Biomolecular Chemistry, 2017, 15, 8280-8284.	1.5	16
140	The effect of molecular structure on the efficiency of 1,4-diazineâ€“based Dâ€“(Ï€)â€“A push-pull systems for non-doped OLED applications. Dyes and Pigments, 2021, 187, 109124.	2.0	16
141	Fused fluoroquinolones: synthesis and 1H and 19F NMR studies. Journal of Fluorine Chemistry, 2001, 110, 25-30.	0.9	15
142	Kinetic resolution of heterocyclic amines by reaction with optically active acid chlorides. The effect of reaction conditions on the diastereoselectivity of acylation of (Â±)-3-methyl-2,3-dihydro-4H-1,4-benzoxazine. Russian Chemical Bulletin, 2004, 53, 1253-1256.	0.4	15
143	Fluoro-containing Heterocycles: XIII. Fluoro-containing Derivatives of Thiazolo[3,2-a]-, Benzothiazolo[3,2-a]-, and Benzimidazo[3,2-a]quinazolinones. Russian Journal of Organic Chemistry, 2005, 41, 1671-1677.	0.3	15
144	Fluorinated benzazoles and benzazines. Heteroatom Chemistry, 2006, 17, 579-594.	0.4	15

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145	Synthesis of N-[(3-Amino-1,2-dicarba-closo-dodecaboran-1-yl)acetyl] Derivatives of Î±-Amino Acids. Collection of Czechoslovak Chemical Communications, 2007, 72, 1697-1706.	1.0	15
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