

Mikhail S. Novikov

List of Publications by Year in descending order

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180
papers

3,302
citations

159585

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254184

43
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225
all docs

225
docs citations

225
times ranked

1636
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in 2H-azirine chemistry. <i>Tetrahedron</i> , 2013, 69, 3363-3401.	1.9	181
2	Advances in 2H-azirine chemistry: A seven-year update. <i>Tetrahedron</i> , 2019, 75, 2555-2624.	1.9	103
3	Recent advances in isoxazole chemistry. <i>Russian Chemical Reviews</i> , 2015, 84, 335-377.	6.5	77
4	Modern Trends of Organic Chemistry in Russian Universities. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 157-371.	0.8	68
5	Switchable Synthesis of Pyrroles and Pyrazines via Rh(II)-Catalyzed Reaction of 1,2,3-Triazoles with Isoxazoles: Experimental and DFT Evidence for the 1,4-Diazahexatriene Intermediate. <i>Journal of Organic Chemistry</i> , 2017, 82, 256-268.	3.2	58
6	The first example of intramolecular cycloaddition of carbene-derived azomethine ylides in a domino reaction of difluorocarbene with Schiff bases. <i>Tetrahedron Letters</i> , 2001, 42, 533-535.	1.4	49
7	A Novel Strategy for the Synthesis of 3-(<i>N</i> -Heteryl)pyrrole Derivatives. <i>Organic Letters</i> , 2012, 14, 3768-3771.	4.6	48
8	1,3-Dipolar cycloaddition of azomethine ylides derived from imines and difluorocarbene to alkynes: a new active Pb-mediated approach to 2-fluoropyrrole derivatives. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 231-237.	1.3	47
9	The first example of the generation of azomethine ylides from a fluorocarbene: 1,3-cyclization and 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2005, 46, 8337-8340.	1.4	47
10	Domino transformation of isoxazoles to 2,4-dicarbonylpyrroles under Fe/Ni relay catalysis. <i>RSC Advances</i> , 2015, 5, 18172-18176.	3.6	44
11	Iminium ylides from carbenes and carbenoids: generation and synthetic applications. <i>Russian Chemical Reviews</i> , 2005, 74, 171-192.	6.5	43
12	New applications of pyridinium ylides toward heterocyclic synthesis. <i>Tetrahedron</i> , 2020, 76, 131415.	1.9	43
13	Cu(I)-NHC-Catalyzed (2 + 3)-Annulation of Tetramic Acids with 2-H-Azirines: Stereoselective Synthesis of Functionalized Hexahydropyrrolo[3,4- <i>b</i>]pyrroles. <i>Organic Letters</i> , 2015, 17, 4148-4151.	4.6	42
14	Pseudopericyclic 1,5- versus Pericyclic 1,4- and 1,6-Electrocyclization in Electron-Poor 4-Aryl-2-azabuta-1,3-dienes: Indole Synthesis from 2-H-Azirines and Diazo Compounds. <i>Journal of Organic Chemistry</i> , 2015, 80, 18-29.	3.2	42
15	Fe(II)-Catalyzed Isomerization of 4-Vinylisoxazoles into Pyrroles. <i>Journal of Organic Chemistry</i> , 2017, 82, 8568-8579.	3.2	42
16	Isoxazole-azirine isomerization as a reactivity switch in the synthesis of heterocycles. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 637-650.	1.2	40
17	4-Halo-2-azabuta-1,3-dienes as intermediates in the rhodium carbenoid-initiated transformation of 2-halo-2H-azirines into 2,3-dihydroazetes and 2,5-dihydrooxazoles. <i>Tetrahedron</i> , 2015, 71, 4616-4628.	1.9	39
18	Cu(II)-catalyzed domino reaction of 2H-azirines with diazotetramic and diazotetronic acids. Synthesis of 2-substituted 2H-1,2,3-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5535.	2.8	38

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19	Rh(II)-carbenoid mediated 2H-azirine ring-expansion as a convenient route to non-fused photo- and thermochromic 2H-1,4-oxazines. <i>Tetrahedron</i> , 2013, 69, 4292-4301.	1.9	38
20	Reactions of 2H-azirines with carbenoids from diazo esters: transformations of novel azirinium ylides. <i>Tetrahedron Letters</i> , 2004, 45, 6003-6006.	1.4	37
21	A novel strategy for the synthesis of thermally stable and apoptosis-inducing 2,3-dihydroazetes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4479-4487.	2.8	37
22	Isoxazole Strategy for the Synthesis of β -Aminopyrrole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 11275-11285.	3.2	37
23	Dibenzoxazepinium Ylides: Facile Access and 1,3-Dipolar Cycloaddition Reactions. <i>Organic Letters</i> , 2009, 11, 979-982.	4.6	35
24	Fe(II)/Au(I) Relay Catalyzed Propargylisoxazole to Pyridine Isomerization: Access to 6-Halonicotines. <i>Journal of Organic Chemistry</i> , 2017, 82, 5367-5379.	3.2	34
25	Switchable Synthesis of 4,5-Functionalized 1,2,3-Thiadiazoles and 1,2,3-Triazoles from 2-Cyanothioacetamides under Diazo Group Transfer Conditions. <i>Journal of Organic Chemistry</i> , 2017, 82, 4056-4071.	3.2	34
26	Facile Access to Bicyclic Sultams with Methyl β -Sulfonylcyclopropane- α -carboxylate Moieties. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2635-2641.	2.4	32
27	Rh(II)-Catalyzed reactions of 2H-azirines with ethyl 2-acyl-2-diazoacetates. Synthesis of novel photochromic oxazines. <i>Tetrahedron Letters</i> , 2009, 50, 6509-6511.	1.4	32
28	Fe(II)-Catalyzed Isomerization of 5-Chloroisoxazoles to 2-H-Azirine-2-carbonyl Chlorides as a Key Stage in the Synthesis of Pyrazole-Nitrogen Heterocycle Dyads. <i>Journal of Organic Chemistry</i> , 2018, 83, 3177-3187.	3.2	32
29	Stereoselective Cycloaddition of Dibenzoxazepinium Ylides to Acetylenes and Fullerene C ₆₀ . Conformational Behavior of 3-Aryldibenzo[b,f]pyrrolo[1,2-d][1,4]oxazepine Systems. <i>Journal of Organic Chemistry</i> , 2010, 75, 5211-5215.	3.2	31
30	Ring Expansions of Azirines and Azetines. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 143-232.	0.2	31
31	Rh(II)-Catalyzed Transannulation of 1,2,4-Oxadiazole Derivatives with 1-Sulfonyl-1,2,3-triazoles: Regioselective Synthesis of 5-Sulfonamidoimidazoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 11232-11244.	3.2	31
32	Fluorinated 4H-1,3-diazepines by reaction of difluorocarbene with 2H-azirines. <i>Tetrahedron Letters</i> , 2006, 47, 639-642.	1.4	30
33	Synthesis of 3-(1,2-dioxoethyl)- and 2,3-dicarbonyl-containing pyrroles. <i>Tetrahedron</i> , 2015, 71, 1940-1951.	1.9	30
34	Synthesis and Intramolecular Azo Coupling of 4-Diazopyrrole-2-carboxylates: Selective Approach to Benzo and Hetero [c]-Fused 6H-Pyrrolo[3,4-c]pyridazine-5-carboxylates. <i>Journal of Organic Chemistry</i> , 2016, 81, 8495-8507.	3.2	30
35	Azirinium ylides from alkoxy-carbonyl-carbenoids and 2H-azirines: Generation and transformations. <i>Russian Journal of Organic Chemistry</i> , 2006, 42, 515-526.	0.8	29
36	An efficient approach to azirino and pyrrolo-fused dibenzazepines. Conformations of substituted dibenzo[c,f]pyrrolo[1,2-a]azepines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3886.	2.8	28

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37	Synthesis of 1-(2-Aminovinyl)indoles and 1,3- β -Biindoles by Reaction of 2,2-Diaryl-Substituted 2 <i>H</i> -Azirines with $\hat{\pm}$ -Imino Rh(II) Carbenoids. <i>Journal of Organic Chemistry</i> , 2019, 84, 3743-3753.	3.2	28
38	2-Diazoacetyl-2 <i>H</i> -azirines: Source of a Variety of 2 <i>H</i> -Azirine Building Blocks with Orthogonal and Domino Reactivity. <i>Journal of Organic Chemistry</i> , 2018, 83, 8304-8314.	3.2	27
39	Selective syntheses of 2 <i>H</i> -1,3-oxazines and 1 <i>H</i> -pyrrol-3(2 <i>H</i>)-ones via temperature-dependent Rh(II)-carbenoid-mediated 2 <i>H</i> -azirine-ring expansion. <i>Tetrahedron</i> , 2014, 70, 3377-3384.	1.9	26
40	Isoxazolium N-ylides and 1-oxa-5-azahexa-1,3,5-trienes on the way from isoxazoles to 2 <i>H</i> -1,3-oxazines. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1896-1905.	2.2	26
41	A novel approach to 5 <i>H</i> -pyrazino[2,3- <i>b</i>]indoles via annulation of 3-diazoindolin-2-imines with 2 <i>H</i> -azirines or 5-alkoxyisoxazoles under Rh(<i>sc</i>) catalysis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 38-42.	2.8	26
42	Unprecedented 1,3-Dipolar Cycloaddition of Azomethine Ylides Derived from Difluorocarbene and Imines to Carbonyl Compounds. $\hat{\nu}$ Synthesis of Oxazolidine Derivatives. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 133-137.	2.4	25
43	[2 + 1 + 1] Assembly of spiro $\hat{2}$ -lactams by Rh(<i>sc</i>)-catalyzed reaction of diazocarbonyl compounds with azirines/isoxazoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6821-6830.	2.8	25
44	Rh ₂ (OAc) ₄ -catalyzed reaction of $\hat{\pm}$ -diazocarbonyl compounds with 2-carbonyl-substituted 2 <i>H</i> -azirines. <i>Tetrahedron</i> , 2013, 69, 4546-4551.	1.9	24
45	Synthesis, Transformations of Pyrrole- and 1,2,4-Triazole-Containing Ensembles, and Generation of Pyrrole-Substituted Triazole NHC. <i>Journal of Organic Chemistry</i> , 2016, 81, 11210-11221.	3.2	24
46	Rh(II)-Catalyzed Ring Expansion of Pyrazoles with Diazocarbonyl Compounds as a Method for the Preparation of 1,2-Dihydropyrimidines. <i>Journal of Organic Chemistry</i> , 2018, 83, 9210-9219.	3.2	24
47	Synthesis of 3-Alkoxy-4-Pyrrolin-2-ones via Rhodium(II)-Catalyzed Denitrogenative Transannulation of 1 <i>H</i> -1,2,3-Triazoles with Diazo Esters. <i>Organic Letters</i> , 2020, 22, 7958-7963.	4.6	24
48	A facile tandem carbene-ylide route to 2-fluoropyrrole derivatives. <i>Journal of Fluorine Chemistry</i> , 1998, 90, 117-119.	1.7	23
49	Generation and cycloadditions of azirinium difluoromethanides $\hat{\nu}$ strained azomethine ylides. <i>Tetrahedron Letters</i> , 2002, 43, 8523-8525.	1.4	23
50	A facile carbene route to 2-fluoro-2-pyrrolines via fluorinated azomethine ylides. <i>Journal of Fluorine Chemistry</i> , 2003, 123, 177-181.	1.7	22
51	gem-Difluorosubstituted NH-azomethine ylides in the synthesis of 4-fluorooxazolines via the three-component reaction of imines, trifluoroacetophenones and CF ₂ Br ₂ . <i>Tetrahedron Letters</i> , 2008, 49, 1237-1240.	1.4	22
52	Annulation of five-membered cyclic enols with 3-aryl-2 <i>H</i> -azirines: Catalytic versus non-catalytic cycloaddition. <i>Tetrahedron</i> , 2017, 73, 4663-4670.	1.9	22
53	Isoxazole Strategy for the Synthesis of 2,2'-Bipyridine Ligands: Symmetrical and Unsymmetrical 6,6'-Binicotinates, 2,2'-Bipyridine-5-carboxylates, and Their Metal Complexes. <i>Journal of Organic Chemistry</i> , 2019, 84, 3524-3536.	3.2	22
54	A biocompatible phosphorescent Ir(<i>sc</i>) oxygen sensor functionalized with oligo(ethylene) Tj ETQqO O O rgBT /Overlock 10 TF <i>Chemistry</i> , 2020, 44, 10459-10471.	2.8	22

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55	2 <i>H</i> -Azirine-2-carbonyl Azides: Preparation and Use as N-Heterocyclic Building Blocks. <i>Journal of Organic Chemistry</i> , 2020, 85, 4182-4194.	3.2	22
56	Unprecedented 1,3-dipolar cycloaddition of azomethine ylides to ester carbonyl. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1628-1630.	1.3	21
57	Monofluoro-substituted azomethine ylides in fluorocarbene reactions with imines. Synthesis and transformations of monofluoroaziridines. <i>Russian Journal of Organic Chemistry</i> , 2007, 43, 286-296.	0.8	21
58	Azirinium ylides from α -diazoketones and 2 <i>H</i> -azirines on the route to 2 <i>H</i> -1,4-oxazines: three-membered ring opening vs 1,5-cyclization. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 302-312.	2.2	21
59	Synthesis of 1,2-Dihydropyrimidine-2-carboxylates via Regioselective Addition of Rhodium(II) Carbenoids to 2 <i>H</i> -Azirine-2-carbaldimines. <i>Journal of Organic Chemistry</i> , 2017, 82, 13396-13404.	3.2	21
60	2 <i>H</i> -Azirines as C Annulation Reagents in Cu-Catalyzed Synthesis of Furo[3,2- <i>c</i>]quinolone Derivatives. <i>Organic Letters</i> , 2019, 21, 3615-3619.	4.6	21
61	Generation and 1,3-dipolar cycloadditions of fluorine-containing azomethine ylides derived from difluorocarbene and imines. <i>Tetrahedron Letters</i> , 1997, 38, 4187-4190.	1.4	20
62	Intramolecular 1,3-Dipolar Cycloaddition to Ester Carbonyl of Azomethinyllides Prepared from Aldimines and Difluorocarbene. <i>Russian Journal of Organic Chemistry</i> , 2004, 40, 199-205.	0.8	20
63	A simple approach to pyrrolylimidazole derivatives by azirine ring expansion with imidazolium ylides. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6598-6609.	2.8	20
64	Synthesis of 2-halo-2 <i>D</i> -azirine-2-carboxylic acid amides and esters by isomerization of 5-(dialkylamino/alkoxy)-substituted isoxazoles, catalyzed by iron(II) sulfate. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 1068-1071.	1.2	20
65	An Azirine Strategy for the Synthesis of Alkyl 4-Amino-5-(trifluoromethyl)-1 <i>H</i> -pyrrole-2-carboxylates. <i>Synthesis</i> , 2018, 50, 4809-4822.	2.3	20
66	Selective Cu-Catalyzed Intramolecular Annulation of 3-Aryl/Heteryl-2-(diazocetyl)-1 <i>H</i> -pyrroles: Synthesis of Benzo/Furo/Thieno[<i>e</i>]-Fused 1 <i>H</i> -Indol-7-oles and Their Transformations. <i>Journal of Organic Chemistry</i> , 2019, 84, 10388-10401.	3.2	20
67	Near-Infrared [Ir(N ⁺) ₂ (N)] ⁺ Emitters and Their Noncovalent Adducts with Human Serum Albumin: Synthesis and Photophysical and Computational Study. <i>Organometallics</i> , 2019, 38, 3740-3751.	2.3	20
68	An Aza Cyclopropylcarbinyl-Homoallyl Radical Rearrangement \rightarrow Radical Cyclization Cascade. Synthesis of Dibenzoimidazoazepine and Oxazepine Derivatives. <i>Journal of Organic Chemistry</i> , 2011, 76, 5384-5391.	3.2	19
69	Synthesis of electron-poor 4-halo-2-azabuta-1,3-dienes by Rh(II)-catalyzed diazo ester \rightarrow azirine coupling. 2-Azabuta-1,3-diene-2,3-dihydroazete valence isomerism. <i>Tetrahedron Letters</i> , 2012, 53, 5777-5780.	1.4	19
70	α -Acyl- α -diazooacetates in Transition-Metal-Free β -Lactam Synthesis. <i>Journal of Organic Chemistry</i> , 2019, 84, 12101-12110.	3.2	19
71	Synthesis of Isoxazole- and Oxazole-4-carboxylic Acids Derivatives by Controlled Isoxazole-Azirine-Isoxazole/Oxazole Isomerization. <i>Journal of Organic Chemistry</i> , 2019, 84, 15567-15577.	3.2	19
72	Nonconcerted Cycloaddition of 2 <i>H</i> -Azirines to Acylketenes: A Route to N-Bridgehead Heterocycles. <i>Journal of Organic Chemistry</i> , 2011, 76, 9344-9352.	3.2	18

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73	Domino reactions of 2 <i>H</i> -azirines with acylketenes from furan-2,3-diones: Competition between the formation of <i>ortho</i> -fused and bridged heterocyclic systems. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 784-793.	2.2	18
74	Metal/organo relay catalysis in a one-pot synthesis of methyl 4-aminopyrrole-2-carboxylates from 5-methoxyisoxazoles and pyridinium ylides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9825-9833.	2.8	18
75	A new heterocyclic skeleton with highly tunable absorption/emission wavelength via H-bonding. <i>RSC Advances</i> , 2015, 5, 94551-94561.	3.6	18
76	Expedient synthesis of 3-hydroxypyrroles via Bu_3SnH -triggered ionic 5- <i>exo-trig</i> -cyclization of 5-chloro-3-azamucouanoate derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3396-3401.	4.5	18
77	Intramolecular cycloaddition of azomethine ylides, from imines of <i>O</i> -acylsalicylic aldehyde and ethyl diazoacetate, to ester carbonyl – experimental and DFT computational study. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5582.	2.8	17
78	Pseudopericyclic Dearomative 1,6-Cyclization of $(2\text{-Pyridyl})_2\text{azabuta-1,3-dienes}$: Synthesis and Ring-Chain Valence Equilibria of 4 <i>H</i> - $\text{Pyrido}[1,2\text{-}a]$ pyrazines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2904-2913.	2.4	17
79	A Convenient Synthetic Route to Derivatives of 1,2,3,4-Tetrahydroisoquinoline-1-carboxylic Acid. <i>Synthesis</i> , 1997, 1997, 677-680.	2.3	16
80	Selective transannular ring transformations in azirino-fused eight-membered <i>O,N</i> - or <i>S,N</i> -heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 4040.	2.8	16
81	Fluoroaziridines as novel substrates in the modified Petasis reaction: synthesis of monofluorinated propargyl amines. <i>Tetrahedron</i> , 2008, 64, 117-123.	1.9	16
82	Bicyclic Sultams with a Nitrogen at the Bridgehead and a Sulfur Atom in the Apex Position: Facile Preparation and Conformational Properties. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3481-3486.	2.4	16
83	$\text{Fe(II)/Et}_3\text{N}$ -Relay-catalyzed domino reaction of isoxazoles with imidazolium salts in the synthesis of methyl 4-imidazolylpyrrole-2-carboxylates, its ylide and betaine derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1732-1740.	2.2	15
84	Intramolecular 1,3-Dipolar Cycloaddition of Azomethine Ylides Generated from Ethoxycarbonylcarbenoids and Schiff Bases. <i>Russian Journal of Organic Chemistry</i> , 2005, 41, 1341-1348.	0.8	14
85	Synthesis and reactivity of 3-(2-chloroalkyl)-2,2-dihaloaziridines. <i>Tetrahedron</i> , 2008, 64, 7524-7530.	1.9	14
86	Fused aziridines as sources of azomethine ylides. <i>Chemistry of Heterocyclic Compounds</i> , 2012, 48, 179-190.	1.2	14
87	Bicyclic Piperazine Mimetics of the Peptide β^2 -Turn Assembled via the Castagnoli-Cushman Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 5859-5868.	3.2	14
88	Synthesis of Substituted Indole-3-carboxylates by Iron(II)-Catalyzed Domino Isomerization of 3-Alkyl/aryl-4-aryl-5-methoxyisoxazoles. <i>Synthesis</i> , 2018, 50, 2784-2798.	2.3	14
89	Transition Metal-Catalyzed Synthesis of 3-Coumaranone-Containing NH -Aziridines from 2 <i>H</i> -Azirines: Nickel(II) versus Gold(I). <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3359-3372.	4.3	14
90	Reaction of difluorocarbene with 2 <i>H</i> -azirines: generation and transformations of strained azomethine ylides – aziriniodifluoromethanides. <i>Russian Chemical Bulletin</i> , 2004, 53, 1092-1101.	1.5	13

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91	Reactions of 1,5- <i>Î</i> -cyclization of gem-difluoro-substituted azomethine ylides involving an aromatic ring. Russian Journal of Organic Chemistry, 2006, 42, 689-695.	0.8	13
92	Formation and reactivity of gem-difluoro-substituted pyridinium ylides: Experimental and DFT investigation. Journal of Fluorine Chemistry, 2011, 132, 175-180.	1.7	13
93	NHC as the Guiding Factor in a Copper-Catalyzed Intramolecular C Arylation of Pyrrolylimidazolium Salts: Synthesis of Luminescent Heterotetracyclic Frameworks. Journal of Organic Chemistry, 2017, 82, 616-623.	3.2	13
94	Facile access to 2-acyloxy-, aryloxy- and alkenyloxy-2 <i>H</i> -azirines via an S_N2 cascade in 2-halo-2 <i>H</i> -azirines. Organic and Biomolecular Chemistry, 2018, 16, 3248-3257.	2.8	13
95	1,3-Dipolar Cycloaddition of Difluoro-Substituted Azomethine Ylides. Synthesis and Transformations of 2-Fluoro-4,5-dihydropyrroles. Russian Journal of Organic Chemistry, 2005, 41, 1496-1506.	0.8	12
96	Metal-Catalyzed Isomerization of 5-Heteroatom-Substituted Isoxazoles as a New Route to 2-Halo-2 <i>H</i> -azirines. Synthesis, 2017, 28, 4478-4488.	2.3	12
97	Regiodivergent Synthesis of Butenolide-Based $\hat{1}$ - and $\hat{2}$ -Amino Acid Derivatives via Base-Controlled Azirine Ring Expansion. Organic Letters, 2020, 22, 3023-3027.	4.6	12
98	An Isoxazole Strategy for the Synthesis of Fully Substituted Nicotines. Journal of Organic Chemistry, 2021, 86, 6888-6896.	3.2	12
99	1,3- vs. 1,5-cyclization of azomethine ylides derived from 1-azabuta-1,3-dienes and difluoro- and dichlorocarbenes. Experimental and quantum-chemical study. Arkivoc, 2009, 2008, 94-115.	0.5	12
100	Synthesis of Pyrrolotriazoloisoquinoline Frameworks by Intramolecular Cu-Mediated or Free Radical Arylation of Triazoles. Journal of Organic Chemistry, 2017, 82, 7583-7594.	3.2	11
101	Synthesis and properties of new heterocyclic betaines: 4-Aryl-5-(methoxycarbonyl)-2-oxo-3-(pyridin-1-ium-1-yl)-2,3-dihydro-1 <i>H</i> -pyrrol-3-ides. Tetrahedron, 2018, 74, 2466-2474.	1.9	11
102	Easy Access to 2-Fluoro- and 2-Iodo-2 <i>H</i> -azirines via the Halex Reaction. Synthesis, 2019, 51, 4582-4589.	2.3	11
103	Non-natural 2 <i>H</i> -azirine-2-carboxylic acids: an expedient synthesis and antimicrobial activity. RSC Advances, 2019, 9, 37901-37905.	3.6	11
104	1-(2 <i>H</i> -Azirine-2-carbonyl)benzotriazoles: building blocks for the synthesis of pyrrole-containing heterocycles. Organic and Biomolecular Chemistry, 2020, 18, 2283-2296.	2.8	11
105	Buchner Reaction/Azirine Modification Approach Toward Cycloheptatriene Containing Nitrogen Heterocyclic Scaffolds. Journal of Organic Chemistry, 2021, 86, 4098-4111.	3.2	11
106	Redox-Active NIR Iridium(III) Emitters: Synthesis, Photophysical and Computational Study, the Effects of Cyclometalating and $\hat{2}$ -diketonate Ligands. European Journal of Inorganic Chemistry, 2021, 2021, 2163-2170.	2.0	11
107	An isoxazole strategy for the synthesis of alkyl 5-amino-4-cyano-1 <i>H</i> -pyrrole-2-carboxylates as versatile building blocks for assembling pyrrole-fused heterocycles. Organic and Biomolecular Chemistry, 2021, 19, 1976-1984.	2.8	11
108	A Facile Synthesis of New Ketenimine Derivatives of $\hat{1}$ -Amino Acids. Synlett, 1997, 1997, 929-930.	1.8	10

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109	Ylides from dihalocarbenes and esters of N-benzhydrylidene amino acids: halogen-dependent reaction pathways. <i>Mendeleev Communications</i> , 1997, 7, 145-146.	1.6	10
110	Title is missing!. <i>Russian Journal of Organic Chemistry</i> , 2002, 38, 1647-1654.	0.8	10
111	Intramolecular 1,3-Dipolar Cycloaddition of Geminal Difluoro Azomethine Ylides at Multiple Carbon-Carbon Bonds. <i>Russian Journal of Organic Chemistry</i> , 2005, 41, 361-369.	0.8	10
112	New type of transannular reactions in azirine-fused medium-size heterocycles: Selective transformations of azirino[2,1-e][1,6]benzoxazocines and -benzothiazocines into oxa(thia)zine and oxa(thia)zole derivatives. <i>Russian Journal of Organic Chemistry</i> , 2007, 43, 1065-1079.	0.8	10
113	Strained iminium ylides. <i>Russian Journal of General Chemistry</i> , 2010, 80, 1652-1666.	0.8	10
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