

Mikhail S. Novikov

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Blue Light-Promoted Cross-Coupling of α -Diazo Esters with Isocyanides: Synthesis of Ester-Functionalized Ketenimines. <i>ACS Omega</i> , 2022, 7, 9071-9079.	1.6	6
2	α -Urea to Urea Approach: Access to Unsymmetrical Ureas Bearing Pyridyl Substituents. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1295-1304.	2.1	9
3	An Isoxazole Strategy for Molybdenum-Mediated Synthesis of 5-Mono- and 4,5-Disubstituted 1 <i>H</i> -Pyrrole-2,3-diones. <i>Journal of Organic Chemistry</i> , 2022, , .	1.7	7
4	Synthesis of Imidazo[1,2- <i>a</i>]pyridines via Near UV Light-Induced Cyclization of Azirinyipyridinium Salts. <i>Journal of Organic Chemistry</i> , 2022, 87, 6514-6519.	1.7	9
5	One-Pot Synthesis of Multifunctionalized 1-Pyrrolines from 2-Alkyl-2 <i>H</i> -azirines and Diazocarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2022, 87, 8835-8840.	1.7	7
6	An Efficient Synthesis of Functionalized 2 <i>H</i> -1,3,5-Oxadiazines via Metal-Carbenoid-Induced 1,2,4-Oxadiazole Ring Cleavage. <i>Synthesis</i> , 2021, 53, 348-358.	1.2	8
7	Buchner Reaction/Azirine Modification Approach Toward Cycloheptatriene Containing Nitrogen Heterocyclic Scaffolds. <i>Journal of Organic Chemistry</i> , 2021, 86, 4098-4111.	1.7	11
8	Isomerization of 5-(2 <i>H</i> -Azirin-2-yl)oxazoles: An Atom-Economic Approach to 4 <i>H</i> -Pyrrolo[2,3- <i>d</i>]oxazoles. <i>Molecules</i> , 2021, 26, 1881.	1.7	3
9	An Isoxazole Strategy for the Synthesis of Fully Substituted Nicotines. <i>Journal of Organic Chemistry</i> , 2021, 86, 6888-6896.	1.7	12
10	Product selectivity of thermal Buchner reaction of methyl 2-(3-arylisoaxazol-5-yl)-2-diazoacetates with benzene, naphthalene and mesitylene, and ring-opening/closing reaction of products. <i>Tetrahedron</i> , 2021, 88, 132153.	1.0	6
11	Red-emitting NIR Iridium(III) Emitters: Synthesis, Photophysical and Computational Study, the Effects of Cyclometalating and β -diketonate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2163-2170.	1.0	11
12	Rhodium-Catalyzed Denitrogenative Diazole-Triazole Coupling toward Aza-Bridged Structures and Imidazole-Based Chelating Ligands. <i>Organic Letters</i> , 2021, 23, 4173-4178.	2.4	7
13	2 <i>H</i> -Azirines in medicinal chemistry. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 512-521.	0.6	9
14	Free-radical cyclization approach to polyheterocycles containing pyrrole and pyridine rings. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1490-1498.	1.3	2
15	A Hydroxypyrrole Approach to 2,2-Bi(4-pyrrolin-3-ones) and Pyrrolone-Based α -Amino Esters. <i>Journal of Organic Chemistry</i> , 2021, 86, 10368-10379.	1.7	0
16	Synthesis of Water-Soluble α -Aminopyrroles, 1-(2-Amino-1 <i>H</i> -pyrrol-3-yl)pyridinium Chlorides. <i>Russian Journal of General Chemistry</i> , 2021, 91, 1424-1428.	0.3	3
17	Nucleophile-Induced Rearrangement of 2 <i>H</i> -Azirine-2-carbonyl Azides to 2-(1 <i>H</i> -Tetrazol-1-yl)acetic Acid Derivatives. <i>Organic Letters</i> , 2021, 23, 6362-6366.	2.4	7
18	Rhodium-Catalyzed Synthesis of 2-Aroylpyrimidines via Cascade Heteropolyene Rearrangement. <i>Organic Letters</i> , 2021, 23, 6998-7002.	2.4	10

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19	Electrocyclizations of Conjugated Azapolyenes Produced in Reactions of Azaheterocycles with Metal Carbenes. <i>Organics</i> , 2021, 2, 313-336.	0.6	2
20	Synthesis of 2-(2-Pyridyl)-2-azirines via Metal-Free C-C Cross-Coupling of Bromoazirines with 2-Stannylpyridines. <i>Organic Letters</i> , 2021, 23, 8045-8049.	2.4	4
21	Rh-Catalyzed denitrogenative 1-sulfonyl-1,2,3-triazole-1-alkyl-1,2,3-triazole cross-coupling as a route to 3-sulfonamido-1-pyrroles and 1,2,3-triazol-3-ium ylides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1474-1481.	2.3	7
22	An isoxazole strategy for the synthesis of alkyl 5-amino-4-cyano-1-pyrrole-2-carboxylates as versatile building blocks for assembling pyrrolo-fused heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1976-1984.	1.5	11
23	Stereoselective assembly of 3,4-epoxypyrrolines via nucleophilic addition induced domino cyclization of 6-halo-1-oxa-4-azahexatrienes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 525-530.	2.3	5
24	Synthesis of 3-Alkoxy-4-Pyrrolin-2-ones via Rhodium(II)-Catalyzed Denitrogenative Transannulation of 1,2,3-Triazoles with Diazo Esters. <i>Organic Letters</i> , 2020, 22, 7958-7963.	2.4	24
25	New applications of pyridinium ylides toward heterocyclic synthesis. <i>Tetrahedron</i> , 2020, 76, 131415.	1.0	43
26	When periphery matters: Enhanced reactivity of 8-oxa-1,4-dithiaspiro[4.5]decane-7,9-dione and 9-oxa-1,5-dithiaspiro[5.5]undecane-8,10-dione in the Castagnoli-Cushman reaction with imines. <i>Tetrahedron Letters</i> , 2020, 61, 152658.	0.7	2
27	Azirine-containing dipeptides and depsipeptides: synthesis, transformations and antibacterial activity. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9448-9460.	1.5	8
28	Acid-catalyzed rearrangement of 1-acyl-2-azabuta-1,3-dienes to 4-pyrrolin-2-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 881-887.	0.6	3
29	Pseudopericyclic Dearomative 1,6-Cyclization of 2-(2-Pyridyl)azabuta-1,3-dienes: Synthesis and Ring-Chain Valence Equilibria of 4-Pyrido[1,2-a]pyrazines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2904-2913.	1.2	17
30	A biocompatible phosphorescent Ir(III) oxygen sensor functionalized with oligo(ethylene) Tj ETQqO O O rgBT /Overlock 10 T Chemistry, 2020, 44, 10459-10471.	1.4	22
31	Regiodivergent Synthesis of Butenolide-Based 1- and 2-Amino Acid Derivatives via Base-Controlled Azirine Ring Expansion. <i>Organic Letters</i> , 2020, 22, 3023-3027.	2.4	12
32	2-Azirine-2-carbonyl Azides: Preparation and Use as N-Heterocyclic Building Blocks. <i>Journal of Organic Chemistry</i> , 2020, 85, 4182-4194.	1.7	22
33	1-(2-Azirine-2-carbonyl)benzotriazoles: building blocks for the synthesis of pyrrole-containing heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2283-2296.	1.5	11
34	Synthesis of Bi-, Ter-, and Quaterpyridinecarboxylates via Propargylisoxazole-Pyridine Rearrangement. <i>Journal of Organic Chemistry</i> , 2020, 85, 6109-6122.	1.7	7
35	A Base-Controlled Reaction of 2-Cyanoacetamides (3,3-Diaminoacrylonitriles) with Sulfonyl Azides as a Route to Nonaromatic 4-Methylene-1,2,3-triazole-5-Imines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3688-3698.		7
36	Isoxazole Strategy for the Synthesis of 1-Aminopyrrole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 11275-11285.	1.7	37

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37	\hat{I}^{\pm} -Acyl- \hat{I}^{\pm} -diazooacetates in Transition-Metal-Free \hat{I}^2 -Lactam Synthesis. <i>Journal of Organic Chemistry</i> , 2019, 84, 12101-12110.	1.7	19
38	Selective Cu-Catalyzed Intramolecular Annulation of 3-Aryl/Heteryl-2-(diazooacetyl)-1 <i>H</i> -pyrroles: Synthesis of Benzo/Furo/Thieno[<i>c</i>]-Fused 1 <i>H</i> -Indol-7-oles and Their Transformations. <i>Journal of Organic Chemistry</i> , 2019, 84, 10388-10401.	1.7	20
39	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.	1.7	19
40	Near-Infrared [Ir(N ^{sup} \hat{S}) ₂ (N ^{sup} \hat{S}) ₂] ⁺ Emitters and Their Noncovalent Adducts with Human Serum Albumin: Synthesis and Photophysical and Computational Study. <i>Organometallics</i> , 2019, 38, 3740-3751.	1.1	20
41	Easy Access to 2-Fluoro- and 2-Iodo-2 <i>H</i> -azirines via the Halex Reaction. <i>Synthesis</i> , 2019, 51, 4582-4589.	1.2	11
42	Synthesis of 1-(2-Aminovinyl)indoles and 1,3- \hat{B} -Biindoles by Reaction of 2,2-Diaryl-Substituted 2 <i>H</i> -Azirines with \hat{I}^{\pm} -Imino Rh(II) Carbenoids. <i>Journal of Organic Chemistry</i> , 2019, 84, 3743-3753.	1.7	28
43	[2 + 1 + 1] Assembly of spiro \hat{I}^2 -lactams by Rh(<i>scp</i>) ₂ -catalyzed reaction of diazocarbonyl compounds with azirines/isoxazoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6821-6830.	1.5	25
44	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.	2.4	21
45	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.	2.1	14
46	Advances in 2 <i>H</i> -azirine chemistry: A seven-year update. <i>Tetrahedron</i> , 2019, 75, 2555-2624.	1.0	103
47	Isoxazole Strategy for the Synthesis of 2,2- \hat{B} -Bipyridine Ligands: Symmetrical and Unsymmetrical 6,6- \hat{B} -Binicotinates, 2,2- \hat{B} -Bipyridine-5-carboxylates, and Their Metal Complexes. <i>Journal of Organic Chemistry</i> , 2019, 84, 3524-3536.	1.7	22
48	One-pot synthesis of 3-(pyridin-2-yl)-2,3-dihydroazetes via Rh(II)-catalyzed reaction of diazoesters with trimethylsilyl-protected 2-(pyridin-2-yl)-2 <i>H</i> -azirines. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 1185-1189.	0.6	5
49	Non-natural 2 <i>H</i> -azirine-2-carboxylic acids: an expedient synthesis and antimicrobial activity. <i>RSC Advances</i> , 2019, 9, 37901-37905.	1.7	11
50	Facile access to 2-acyloxy-, aryloxy- and alkenyloxy-2 <i>H</i> -azirines via an S _N 2 cascade in 2-halo-2 <i>H</i> -azirines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3248-3257.	1.5	13
51	Fe(II)-Catalyzed Isomerization of 5-Chloroisoxazoles to 2 <i>H</i> -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.	1.7	32
52	Bicyclic Piperazine Mimetics of the Peptide \hat{I}^2 -Turn Assembled via the Castagnoli-Cushman Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 5859-5868.	1.7	14
53	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. <i>Tetrahedron</i> , 2018, 74, 2466-2474.	1.0	11
54	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>scp</i>) ₂ catalysis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 38-42.	1.5	26

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55	Expedient synthesis of 3-hydroxypyrroles via Bu_3SnH -triggered ionic 5-exo-trig-cyclization of 5-chloro-3-azamonoate derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3396-3401.	2.3	18
56	An Azirine Strategy for the Synthesis of Alkyl 4-Amino-5-(trifluoromethyl)-1H-pyrrole-2-carboxylates. <i>Synthesis</i> , 2018, 50, 4809-4822.	1.2	20
57	Synthesis of spirocyclic 3D-pyrrol-4-amines from 2H-azirines and 1-sulfonyl-1,2,3-triazoles. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 946-950.	0.6	7
58	Synthesis of 2-(Di/tri/tetraazolyl)-2H-azirine-2-carboxylates by Halogen Substitution: Evidence for an $\text{S}_\text{N}2$ - $\text{S}_\text{N}2$ Cascade Mechanism. <i>Journal of Organic Chemistry</i> , 2018, 83, 13473-13480.	1.7	9
59	Synthesis of N-aminopyrazoles by Fe(II)-catalyzed rearrangement of 4-hydrazonomethyl-substituted isoxazoles. <i>Tetrahedron</i> , 2018, 74, 6288-6298.	1.0	10
60	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.	1.2	14
61	2-Diazoacetyl-2H-azirines: Source of a Variety of 2H-Azirine Building Blocks with Orthogonal and Domino Reactivity. <i>Journal of Organic Chemistry</i> , 2018, 83, 8304-8314.	1.7	27
62	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.	1.7	31
63	Modern Trends of Organic Chemistry in Russian Universities. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 157-371.	0.3	68
64	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.	1.7	24
65	Pyrazoles and ϵ -imidoylaziridines through [4+1] Annulation and [2+1] Cycloaddition of 1,3-dienes with a Synthetic Equivalent of Phthalimidonitrene. <i>European Journal of Organic Chemistry</i> , 2017, 2587-2595.	1.2	4
66	Non-pericyclic cycloaddition of gem-difluorosubstituted azomethine ylides to the $\text{C}=\text{O}$ bond: computational study and synthesis of fluorinated oxazole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4579-4586.	1.5	7
67	Fe(II)/Au(I) Relay Catalyzed Propargylisoxazole to Pyridine Isomerization: Access to 6-Halonicotines. <i>Journal of Organic Chemistry</i> , 2017, 82, 5367-5379.	1.7	34
68	Annulation of five-membered cyclic enols with 3-aryl-2H-azirines: Catalytic versus non-catalytic cycloaddition. <i>Tetrahedron</i> , 2017, 73, 4663-4670.	1.0	22
69	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.	1.7	34
70	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.	1.7	58
71	NHC as the Guiding Factor in a Copper-Catalyzed Intramolecular C Arylation of Pyrrolylimidazolium Salts: Synthesis of Luminescent Heterotetracyclic Frameworks. <i>Journal of Organic Chemistry</i> , 2017, 82, 616-623.	1.7	13
72	Synthesis, crystal structure, and photophysical properties of dimethyl 7-oxa-2a1-azabenzob[<i>b</i>]cyclopenta[<i>pq</i>]pleiadene-1,2-dicarboxylate – novel fused oxazapolycyclic skeleton. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 909-912.	0.6	3

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73	Rh ₂ (OAc) ₄ -catalyzed reaction of 2-(2-carbonylvinyl)-3-phenyl-2H-azirines with diazo esters. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 1214-1221.	0.3	6
74	4-Diazo and 4-(Triaz-1-en-1-yl)-1 <i>H</i> -pyrrole-2-carboxylates as Agents Inducing Apoptosis. <i>ChemistrySelect</i> , 2017, 2, 7508-7513.	0.7	6
75	Fe(II)-Catalyzed Isomerization of 4-Vinylisoxazoles into Pyrroles. <i>Journal of Organic Chemistry</i> , 2017, 82, 8568-8579.	1.7	42
76	Metal-Catalyzed Isomerization of 5-Heteroatom-Substituted Isoxazoles as a New Route to 2-Halo-2H-azirines. <i>Synthesis</i> , 2017, 28, 4478-4488.	1.2	12
77	Synthesis of 2-halo-2H-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.	0.6	20
78	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.	1.7	21
79	Two-atom azirine ring expansion reaction of methyl 2-diazo-3-(4-methoxyphenyl)-3-oxopropanoate via a dirhodium tetraacetate-catalyzed Wolff rearrangement. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 985-988.	0.6	6
80	Synthesis of Pyrrolo-triazoloisoquinoline Frameworks by Intramolecular Cu-Mediated or Free Radical Arylation of Triazoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 7583-7594.	1.7	11
81	(3 <i>Z</i>)-2-azahexa-1,3,5-trienes: Generation and regioselectivity of 1,5- and 1,6-cyclizations. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1851-1853.	0.3	6
82	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.	1.5	37
83	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.	1.7	24
84	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.	1.7	30
85	Isoxazole-azirine isomerization as a reactivity switch in the synthesis of heterocycles. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 637-650.	0.6	40
86	Azirinium ylides from 1 <i>H</i> -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.	1.3	21
87	Fe(II)/Et ₃ 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.	1.3	15
88	Recent advances in isoxazole chemistry. <i>Russian Chemical Reviews</i> , 2015, 84, 335-377.	2.5	77
89	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.	1.0	39
90	Synthesis of 3-(1,2-dioxoethyl)- and 2,3-dicarbonyl-containing pyrroles. <i>Tetrahedron</i> , 2015, 71, 1940-1951.	1.0	30

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91	Domino transformation of isoxazoles to 2,4-dicarbonylpyrroles under Fe/Ni relay catalysis. RSC Advances, 2015, 5, 18172-18176.	1.7	44
92	Metal/organo relay catalysis in a one-pot synthesis of methyl 4-aminopyrrole-2-carboxylates from 5-methoxyisoxazoles and pyridinium ylides. Organic and Biomolecular Chemistry, 2015, 13, 9825-9833.	1.5	18
93	Ring Expansions of Azirines and Azetines. Topics in Heterocyclic Chemistry, 2015, , 143-232.	0.2	31
94	A new heterocyclic skeleton with highly tunable absorption/emission wavelength via H-bonding. RSC Advances, 2015, 5, 94551-94561.	1.7	18
95	Cu(I)-NHC-Catalyzed (2 + 3)-Annulation of Tetramic Acids with 2-H-Azirines: Stereoselective Synthesis of Functionalized Hexahydropyrrolo[3,4-b]pyrroles. Organic Letters, 2015, 17, 4148-4151.	2.4	42
96	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. Journal of Organic Chemistry, 2015, 80, 18-29.	1.7	42
97	Domino reactions of 2-H-azirines with acylketenes from furan-2,3-diones: Competition between the formation of ortho-fused and bridged heterocyclic systems. Beilstein Journal of Organic Chemistry, 2014, 10, 784-793.	1.3	18
98	Selective syntheses of 2H-1,3-oxazines and 1H-pyrrol-3(2H)-ones via temperature-dependent Rh(II)-carbenoid-mediated 2H-azirine-ring expansion. Tetrahedron, 2014, 70, 3377-3384.	1.0	26
99	A simple approach to pyrrolylimidazole derivatives by azirine ring expansion with imidazolium ylides. Organic and Biomolecular Chemistry, 2014, 12, 6598-6609.	1.5	20
100	Isoxazolium N-ylides and 1-oxa-5-azahexa-1,3,5-trienes on the way from isoxazoles to 2-H-1,3-oxazines. Beilstein Journal of Organic Chemistry, 2014, 10, 1896-1905.	1.3	26
101	Cu(II)-catalyzed domino reaction of 2H-azirines with diazotetramic and diazotetronic acids. Synthesis of 2-substituted 2H-1,2,3-triazoles. Organic and Biomolecular Chemistry, 2013, 11, 5535.	1.5	38
102	Recent advances in 2H-azirine chemistry. Tetrahedron, 2013, 69, 3363-3401.	1.0	181
103	Rh(II)-carbenoid mediated 2H-azirine ring-expansion as a convenient route to non-fused photo- and thermochromic 2H-1,4-oxazines. Tetrahedron, 2013, 69, 4292-4301.	1.0	38
104	Rh2(OAc)4-catalyzed reaction of $\hat{\pm}$ -diazocarbonyl compounds with 2-carbonyl-substituted 2H-azirines. Tetrahedron, 2013, 69, 4546-4551.	1.0	24
105	Intramolecular cycloaddition of azomethine ylides, from imines of O-acylsalicylic aldehyde and ethyl diazoacetate, to ester carbonyl – experimental and DFT computational study. Organic and Biomolecular Chemistry, 2012, 10, 5582.	1.5	17
106	Synthesis of electron-poor 4-halo-2-azabuta-1,3-dienes by Rh(II)-catalyzed diazo ester – azirine coupling. 2-Azabuta-1,3-diene-2,3-dihydroazete valence isomerism. Tetrahedron Letters, 2012, 53, 5777-5780.	0.7	19
107	A Novel Strategy for the Synthesis of 3-(Heteryl)pyrrole Derivatives. Organic Letters, 2012, 14, 3768-3771.	2.4	48
108	Fused aziridines as sources of azomethine ylides. Chemistry of Heterocyclic Compounds, 2012, 48, 179-190.	0.6	14

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109	Nonconcerted Cycloaddition of <i>H</i> -Azirines to Acylketenes: A Route to N-Bridgehead Heterocycles. <i>Journal of Organic Chemistry</i> , 2011, 76, 9344-9352.	1.7	18
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114	Strained iminium ylides. <i>Russian Journal of General Chemistry</i> , 2010, 80, 1652-1666.	0.3	10
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119	Rh(II)-Catalysed reactions of 2H-azirines with ethyl 2-acyl-2-diazoacetates. Synthesis of novel photochromic oxazines. <i>Tetrahedron Letters</i> , 2009, 50, 6509-6511.	0.7	32
120	Dibenzoxazepinium Ylides: Facile Access and 1,3-Dipolar Cycloaddition Reactions. <i>Organic Letters</i> , 2009, 11, 979-982.	2.4	35
121	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. <i>Arkivoc</i> , 2009, 2008, 94-115.	0.3	12
122	Azirino[<i>c</i>]imidazolyl ylides in the domino reaction of 2,2-dialkyl-4,6-diaryl-1,3-diazabicyclo[3.1.0]hex-3-enes with dichlorocarbenes. Synthesis of (1 <i>R</i> ,5 <i>SR</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 TF Compounds, 2008, 44, 576-584.	0.8	8
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139	1,3-Dipolar Cycloaddition of Fluorinated Azomethine Ylides at the C=N Bond.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
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141	Intramolecular Cycloaddition of Geminal Dichloroazomethine Ylides to Multiple Carbon-Carbon Bonds.. <i>ChemInform</i> , 2005, 36, no.	0.1	1
142	Intramolecular 1,3-Dipolar Cycloaddition of Geminal Difluoro Azomethine Ylides at Multiple Carbon-Carbon Bonds.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
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