

Rings in Drugs

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Synthesis of Heterocyclic Triads by Pd-Catalyzed Cross-Couplings and Evaluation of Their Cell-Specific Toxicity Profile. <i>Organic Letters</i> , 2014, 16, 2034-2037.	2.4	10
3	Rhodium-Catalyzed Arylative Cyclization for the Enantioselective Synthesis of (Trifluoromethyl)cyclobutanols. <i>Chemistry - A European Journal</i> , 2014, 20, 14194-14197.	1.7	49
4	Rapid Assembly of Functionalised Spirocyclic Indolines by Palladium-Catalysed Dearomatizing Diallylation of Indoles with Allyl Acetate. <i>Chemistry - A European Journal</i> , 2014, 20, 13375-13381.	1.7	18
5	Pyridine synthesis by [4 + 2] cycloadditions of 1-azadienes: hetero-Diels Alder and transition metal-catalysed approaches. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1010-1015.	2.3	73
6	Highly regioselective lithiation of pyridines bearing an oxetane unit by n-butyllithium. <i>Chemical Communications</i> , 2014, 50, 8908-8911.	2.2	23
7	Regio- and Stereospecific Synthesis of C-3 Functionalized Proline Derivatives by Palladium Catalyzed Directed C(sp ³)-H Arylation. <i>Organic Letters</i> , 2014, 16, 4956-4959.	2.4	134
8	Alkene Carboboration Enabled by Synergistic Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 12032-12036.	1.7	154
9	Analysis of the Structural Diversity, Substitution Patterns, and Frequency of Nitrogen Heterocycles among U.S. FDA Approved Pharmaceuticals. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10257-10274.	2.9	3,996
10	Physicochemical Descriptors of Aromatic Character and Their Use in Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7206-7215.	2.9	74
11	Antiviral properties of cage compounds. New prospects. <i>Russian Chemical Bulletin</i> , 2015, 64, 1473-1496.	0.4	47
12	Sultones and Sultines via a Julia-Kocienski Reaction of Epoxides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15236-15240.	7.2	22
15	Diastereo- and Enantioselective Iridium Catalyzed Carbonyl (β -Cyclopropyl)allylation via Transfer Hydrogenation. <i>Chemistry - A European Journal</i> , 2015, 21, 12903-12907.	1.7	17
16	Mechanism-Driven Elaboration of an Enantioselective Bromocyclopropanation Reaction of Allylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14108-14112.	7.2	28
17	Catalytic Synthesis of N-Protected Piperazines, Morpholines, and Thiomorpholines from Aldehydes and SnAP Reagents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10884-10888.	7.2	64
18	Method for Systematic Assessment of Chemical Changes in Molecular Scaffolds with Conserved Topology and Application to the Analysis of Scaffold-Activity Relationships. <i>Molecular Informatics</i> , 2015, 34, 531-549.	1.4	1
20	Four-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2015, 27, 87-115.	0.5	1
21	Understanding the foundations of the structural similarities between marketed drugs and endogenous human metabolites. <i>Frontiers in Pharmacology</i> , 2015, 6, 105.	1.6	27
22	KOtBu-mediated annulation of acetonitrile with aldehyde: synthesis of substituted dihydropyridin-2(1H)-ones, pyridin-2(1H)-ones, and thiopyridin-2(1H)-ones. <i>Chemical Communications</i> , 2015, 51, 11658-11661.	2.2	12

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23	Efficient and Practical Oxidative Bromination and Iodination of Arenes and Heteroarenes with DMSO and Hydrogen Halide: A Mild Protocol for Late-Stage Functionalization. <i>Organic Letters</i> , 2015, 17, 2886-2889.	2.4	206
24	Design, synthesis and biological evaluation of paralleled Aza resveratrolâ€“chalcone compounds as potential anti-inflammatory agents for the treatment of acute lung injury. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2998-3004.	1.0	26
26	Building polyfunctional piperidines: a stereoselective strategy of a three-component Mannich reaction inspired by biosynthesis and applications in the synthesis of natural alkaloids (+)-241D; (âˆ“)-241D; isosolenopsin A and (âˆ“)-epimyrtime. <i>RSC Advances</i> , 2015, 5, 18894-18908.	1.7	16
27	Seven-membered ring scaffolds for drug discovery: Access to functionalised azepanes and oxepanes through diazocarbonyl chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2730-2735.	1.4	37
28	Efficient Synthesis of 5â€“Chalcogenylâ€“1,3â€“oxazinâ€“2â€“ones by Chalcogenâ€“Mediated Yneâ€“Carbamate Cyclisation: An Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1020-1027.	1.2	16
29	Synthesis and characterization of hexaarylbenzenes with five or six different substituents enabled by programmed synthesis. <i>Nature Chemistry</i> , 2015, 7, 227-233.	6.6	143
30	Novel Scaffold Fingerprint (SFP): Applications in Scaffold Hopping and Scaffold-Based Selection of Diverse Compounds. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1-18.	2.5	26
31	N-bridged 5,6-bicyclic pyridines: Recent applications in central nervous system disorders. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 719-731.	2.6	18
32	Structural diversity and potency range distribution of scaffolds from compounds active against current pharmaceutical targets. <i>Future Medicinal Chemistry</i> , 2015, 7, 111-122.	1.1	3
33	Regioselective annulation of nitrosopyridine with alkynes: straightforward synthesis of N-oxide-imidazopyridines. <i>Chemical Communications</i> , 2015, 51, 6119-6122.	2.2	23
34	Structural and Activity Profile Relationships Between Drug Scaffolds. <i>AAPS Journal</i> , 2015, 17, 609-619.	2.2	6
35	On the 6- and 7-substituted chromone system. A computational study. <i>Computational and Theoretical Chemistry</i> , 2015, 1067, 158-163.	1.1	3
36	Enantioselective Synthesis of Carbo- and Heterocycles through a CuH-Catalyzed Hydroalkylation Approach. <i>Journal of the American Chemical Society</i> , 2015, 137, 10524-10527.	6.6	118
37	Catalytic Câ€“H Bond Functionalization of Cyclopropane Derivatives. <i>Topics in Organometallic Chemistry</i> , 2015, , 91-113.	0.7	8
38	Synthesis of Functionalized Alkylidenecyclopropanes by Irelandâ€“Claisen Rearrangement of Cyclopropenylcarbinyl Esters. <i>Organic Letters</i> , 2015, 17, 3786-3789.	2.4	15
39	Diastereo- and Enantioselective Iridium Catalyzed Coupling of Vinyl Aziridines with Alcohols: Site-Selective Modification of Unprotected Diols and Synthesis of Substituted Piperidines. <i>Journal of the American Chemical Society</i> , 2015, 137, 7915-7920.	6.6	40
40	Current kinase inhibitors cover a tiny fraction of fragment space. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2372-2376.	1.0	20
41	Synthesis and antitumor activities evaluation of m-(4-morpholinoquinazolin-2-yl)benzamides inÂˆvitro and inÂˆvivo. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 382-395.	2.6	33

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42	A rapid route for the preparation of pyrimido[5,4-d]- and pyrido[3,2-d]oxazoles. <i>Tetrahedron Letters</i> , 2015, 56, 2448-2450.	0.7	9
43	Highly efficient regioselective synthesis of pyrroles via a tandem enamine formation–Michael addition–cyclization sequence under catalyst- and solvent-free conditions. <i>Green Chemistry</i> , 2015, 17, 3415-3423.	4.6	36
44	Lead-oriented synthesis: Investigation of organolithium-mediated routes to 3-D scaffolds and 3-D shape analysis of a virtual lead-like library. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2680-2694.	1.4	26
45	<i>para</i> -C–H Borylation of Benzene Derivatives by a Bulky Iridium Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 5193-5198.	6.6	213
46	Intermolecular Sulfur–Oxygen Interactions: Theoretical and Statistical Investigations. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 2138-2153.	2.5	91
47	Design, synthesis and evaluation of diarylpiperazine derivatives as potent anti-tubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 238-244.	2.6	21
48	Facile Synthesis of 3-N-Alkyl Pyrimidin-2,4-diones from N-Sulfonyloxy Maleimides and Amines. <i>Organic Letters</i> , 2015, 17, 4122-4124.	2.4	12
49	Expedient synthesis of gem-dialkylbenzyl heterocycles through olefinic hydroarylation. <i>Tetrahedron</i> , 2015, 71, 9509-9514.	1.0	8
50	Access to Polyfunctionalized Chiral Piperidines through Enantioselective Addition–Carbocyclization Cascade Reaction Catalyzed by a Rhodium(I)–Diene Complex. <i>Organic Letters</i> , 2015, 17, 5496-5499.	2.4	34
51	Applications of Catalytic Organometallic C(sp ³)–H Bond Functionalization. <i>Topics in Organometallic Chemistry</i> , 2015, , 133-153.	0.7	13
52	Isolation and Reactivity of 1,4,2-Diazaborole. <i>Journal of the American Chemical Society</i> , 2015, 137, 11274-11277.	6.6	22
53	Synthesis and Insecticidal Activity of New 2-Aryl-3,5-dihydro-2H-1,4-Benzoxazepine Derivatives. <i>ACS Symposium Series</i> , 2015, , 391-410.	0.5	3
54	Antimalarial chemotherapy: Orally curative artemisinin-derived trioxane dimer esters. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 245-248.	1.0	15
55	On the incorporation effect of the ring-junction heteroatom. The sEDA(III) and pEDA(III) Descriptors. <i>Journal of Physical Organic Chemistry</i> , 2015, 28, 290-297.	0.9	12
56	On tautomerism of 1,2,4-triazol-3-ones. <i>Computational and Theoretical Chemistry</i> , 2015, 1052, 58-67.	1.1	8
57	Catalytic Asymmetric Alkylation of Aryl Heteroaryl Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 72-76.	1.2	17
58	Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. <i>Molecules</i> , 2016, 21, 75.	1.7	61
59	Opportunities and challenges for direct C–H functionalization of piperazines. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 702-715.	1.3	36

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60	Biosynthesis of oxygen and nitrogen-containing heterocycles in polyketides. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1512-1550.	1.3	49
61	Effects of Curcuminoid Pyrazoles on Cancer Cells and on the Expression of Telomerase Related Genes. <i>Archiv Der Pharmazie</i> , 2016, 349, 532-538.	2.1	7
62	Multichannel Reaction of α -Bromo-Ketones with 1,2-Diamines: Synthesis of 1,4-Diazabicyclo[4.1.0]heptanes by Reaction with <i>un</i> substituted 1,2-Diamines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1612-1618.	1.2	11
63	Dienamine Activation of Diazoenals: Application to the Direct Synthesis of Functionalized 1,4-Oxazines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7831-7835.	7.2	37
64	Synthesis of Tetrahydronaphthyridines from Aldehydes and HARP Reagents via Radical Pictet-Spengler Reactions. <i>Organic Letters</i> , 2016, 18, 1713-1715.	2.4	15
65	Tandem Mannich/Diels-Alder reactions for the synthesis of indole compound libraries. <i>RSC Advances</i> , 2016, 6, 46654-46657.	1.7	11
66	SnAP-eX Reagents for the Synthesis of Exocyclic 3-Amino- and 3-Alkoxyprolindines and Piperidines from Aldehydes. <i>Organic Letters</i> , 2016, 18, 2652-2655.	2.4	30
67	Design, synthesis and apoptosis inducing effect of novel (Z)-3-(3-methoxy-4-(2-amino-2-oxoethoxy)-benzylidene)indolin-2-ones as potential antitumour agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 34-46.	2.6	60
68	Synthesis of antitumor 3,4,6,7-tetrahydro-2H-pyrimido[1,6-c]quinazolin-2-imine derivatives via reductive dearomatization-initiated intramolecular cyclization. <i>Tetrahedron</i> , 2016, 72, 3185-3192.	1.0	2
69	Optimization and multigram scalability of a catalytic enantioselective borylative migration for the synthesis of functionalized chiral piperidines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4739-4748.	1.5	25
70	Regiodivergent Cross-Dehydrogenative Coupling of Pyridines and Benzoxazoles: Discovery of Organic Halides as Regio-Switching Oxidants. <i>Organic Letters</i> , 2016, 18, 2415-2418.	2.4	65
71	Generation of an Isoxazolyl Anion Species: Facile Access to Multifunctionalized Isoxazoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13580-13584.	7.2	47
72	Synthesis of polycyclic spiroindolines by highly diastereoselective interrupted Ugi cascade reactions of 3-(2-isocyanoethyl)indoles. <i>Chemical Communications</i> , 2016, 52, 12482-12485.	2.2	53
73	Generation of an Isoxazolyl Anion Species: Facile Access to Multifunctionalized Isoxazoles. <i>Angewandte Chemie</i> , 2016, 128, 13778-13782.	1.6	8
74	Understanding Cryptic Pocket Formation in Protein Targets by Enhanced Sampling Simulations. <i>Journal of the American Chemical Society</i> , 2016, 138, 14257-14263.	6.6	151
75	A Migratory Ether Formation Route to Medium-Sized Sugar Mimetics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14340-14344.	7.2	10
76	BF ₃ ·Et ₂ O mediated one-step synthesis of N-substituted-1,2-dihydropyridines, indenopyridines and 5,6-dihydroisoquinolines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10165-10169.	1.5	21
77	Palladium-Catalyzed Directed C(sp ³)-H Arylation of Saturated Heterocycles at C ^β Using a Concise Optimization Approach. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 139-149.	1.2	66

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78	Synthesis and biological evaluation of new benzimidazole-thiazolidinedione hybrids as potential cytotoxic and apoptosis inducing agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 608-621.	2.6	80
79	Exploration of Visible-Light Photocatalysis in Heterocycle Synthesis and Functionalization: Reaction Design and Beyond. <i>Accounts of Chemical Research</i> , 2016, 49, 1911-1923.	7.6	533
80	Formation of 1,4,2-Dithiazolidines or 1,3-Thiazetidines from 1,1-Dichloro-2-nitroethene and Phenylthiourea Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 10321-10327.	1.7	14
81	Synthesis of substituted 1-[2-(adamantan-1-yl)ethyl]piperidines. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1452-1462.	0.3	5
82	Palladiumkatalysierte transannulare C-H-Funktionalisierung alicyclischer Amine. <i>Angewandte Chemie</i> , 2016, 128, 10714-10716.	1.6	0
83	Domino Michael-aldol annulations for the stereocontrolled synthesis of bicyclo[3.3.1]nonane and bicyclo[3.2.1]octane derivatives. <i>RSC Advances</i> , 2016, 6, 114412-114424.	1.7	18
84	Heterocyclic replacements for benzene: Maximising ADME benefits by considering individual ring isomers. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 1057-1068.	2.6	17
85	Two-Step Route to Diverse <i>N</i> -Functionalized Peptidomimetic-like Isatins through an Oxidation/Intramolecular Oxidative-Amidation Cascade of Ugi Azide and Ugi Three-Component Reaction Products. <i>Organic Letters</i> , 2016, 18, 4904-4907.	2.4	26
86	A one-pot synthesis of tetrazolones from acid chlorides: understanding functional group compatibility, and application to the late-stage functionalization of marketed drugs. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9338-9342.	1.5	4
87	Palladium-catalyzed C-H Arylation of Pyridines with Aryl Triflates. <i>Chemistry Letters</i> , 2016, 45, 529-531.	0.7	15
88	A Convenient Late-Stage Fluorination of Pyridylic C-H Bonds with <i>N</i> -Fluorobenzenesulfonylimide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13244-13248.	7.2	56
89	A Convenient Late-Stage Fluorination of Pyridylic C-H Bonds with <i>N</i> -Fluorobenzenesulfonylimide. <i>Angewandte Chemie</i> , 2016, 128, 13438-13442.	1.6	18
90	Regio- and diastereoselective construction of a new set of functionalized pyrrolidine, spiropyrrolidine and spiropyrrolizidine scaffolds appended with aryl- and heteroaryl moieties via the azomethine ylide cycloadditions. <i>Tetrahedron</i> , 2016, 72, 5578-5594.	1.0	20
91	Green chemistry oriented multi-component strategy to hybrid heterocycles. <i>RSC Advances</i> , 2016, 6, 73848-73852.	1.7	23
92	Highly Chemoselective Synthesis of Indolizidine Lactams by SmI ₂ -Induced Umpolung of the Amide Bond via Aminoketyl Radicals: Efficient Entry to Alkaloid Scaffolds. <i>Chemistry - A European Journal</i> , 2016, 22, 11949-11953.	1.7	33
93	Directing Group in Decarboxylative Cross-Coupling: Copper-Catalyzed Site-Selective C-N Bond Formation from Nonactivated Aliphatic Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2016, 138, 9714-9719.	6.6	72
94	Remote C-H Functionalization by a Palladium-Catalyzed Transannular Approach. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10558-10560.	7.2	14
95	Hierarchical zwitterionic modification of a SERS substrate enables real-time drug monitoring in blood plasma. <i>Nature Communications</i> , 2016, 7, 13437.	5.8	156

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96	Direct Assembly of Prenylated Heteroarenes through a Cascade Minisci Reaction/Dehydration Sequence. <i>ChemistryOpen</i> , 2016, 5, 535-539.	0.9	9
97	Synthesis of Polyfunctional Pyridines via Copper-Catalyzed Oxidative Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 11671-11677.	1.7	44
98	A Migratory Ether Formation Route to Medium-Sized Sugar Mimetics. <i>Angewandte Chemie</i> , 2016, 128, 14552-14556.	1.6	0
99	Diastereoselective access to substituted 4-aminopiperidines via a pyridine reduction approach. <i>Tetrahedron Letters</i> , 2016, 57, 5588-5591.	0.7	5
100	Construction of 1,2,4-Triazole Derivatives via Cyclocondensation of Alkylidene Dihydropyridines and Aryldiazonium Salts. <i>Organic Letters</i> , 2016, 18, 5916-5919.	2.4	27
101	Synthesis of sterically hindered allyl thiocyanates: kinetic and DFT studies of their rearrangement. <i>Tetrahedron Letters</i> , 2016, 57, 5317-5320.	0.7	8
102	Dienamine Activation of Diazoenals: Application to the Direct Synthesis of Functionalized 1,4-Oxazines. <i>Angewandte Chemie</i> , 2016, 128, 7962-7966.	1.6	12
103	Charge-transfer-directed radical substitution enables para-selective C-H functionalization. <i>Nature Chemistry</i> , 2016, 8, 810-815.	6.6	177
104	Dearomatized Alkylidene Dihydropyridines as Substrates for Mizoroki-Heck Cyclizations. <i>ACS Catalysis</i> , 2016, 6, 4465-4469.	5.5	28
105	Photoredox-Catalyzed Hydroxymethylation of Heteroaromatic Bases. <i>Journal of Organic Chemistry</i> , 2016, 81, 6980-6987.	1.7	115
106	Ring system-based chemical graph generation for de novo molecular design. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 425-446.	1.3	14
107	Squalene-hopene cyclases' evolution, dynamics and catalytic scope. <i>Current Opinion in Structural Biology</i> , 2016, 41, 73-82.	2.6	40
108	A metal-catalyzed enyne-cyclization step for the synthesis of bi- and tricyclic scaffolds amenable to molecular library production. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6947-6950.	1.5	11
109	Solvent-free microwave assisted synthesis of morpholine-piperidine-pyrrolidine annulated quinoline-naphthyl based chalcones and their antimicrobial activity. <i>Russian Journal of General Chemistry</i> , 2016, 86, 1120-1125.	0.3	6
110	The α -Cyclopropyl Fragment is a Versatile Player that Frequently Appears in Preclinical/Clinical Drug Molecules. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8712-8756.	2.9	622
111	Design and synthesis of 4-O-alkylamino-tethered-benzylideneindolin-2-ones as potent cytotoxic and apoptosis inducing agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4061-4069.	1.0	23
112	Palladium-Catalyzed Modular Synthesis of Substituted Piperazines and Related Nitrogen Heterocycles. <i>Organic Letters</i> , 2016, 18, 740-743.	2.4	44
113	Iron-catalysed tritiation of pharmaceuticals. <i>Nature</i> , 2016, 529, 195-199.	13.7	311

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114	Hydrogen-Bond Accepting Properties of New Heteroaromatic Ring Chemical Motifs: A Theoretical Study. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 322-334.	2.5	31
115	Gold-catalyzed cyclization and cycloisomerization of yne-tethered ynamide: the significance of a masked enol-equivalent of an amide. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 803-807.	1.5	41
116	Formation of β -chalcogenyl acrylamides through unprecedented chalcogen-mediated metal-free oxyfunctionalization of ynamides with DMSO as an oxidant. <i>Chemical Communications</i> , 2016, 52, 5605-5608.	2.2	19
117	Palladium-Catalyzed Benzylic Arylation of Pyridylmethyl Silyl Ethers: One-Pot Synthesis of Aryl(pyridyl)methanols. <i>Organic Letters</i> , 2016, 18, 1590-1593.	2.4	14
118	Palladium-catalysed transannular C-H functionalization of alicyclic amines. <i>Nature</i> , 2016, 531, 220-224.	13.7	287
119	Synthesis of two β -heteroaromatic rings of the future™ for applications in medicinal chemistry. <i>RSC Advances</i> , 2016, 6, 22777-22780.	1.7	9
120	Following Ramachandran: exit vector plots (EVP) as a tool to navigate chemical space covered by 3D bifunctional scaffolds. The case of cycloalkanes. <i>RSC Advances</i> , 2016, 6, 17595-17605.	1.7	30
121	Assessing the Growth of Bioactive Compounds and Scaffolds over Time: Implications for Lead Discovery and Scaffold Hopping. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 300-307.	2.5	16
122	Chemistry informer libraries: a cheminformatics enabled approach to evaluate and advance synthetic methods. <i>Chemical Science</i> , 2016, 7, 2604-2613.	3.7	158
123	Computational Exploration of Molecular Scaffolds in Medicinal Chemistry. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4062-4076.	2.9	100
124	Improving Drug Design: An Update on Recent Applications of Efficiency Metrics, Strategies for Replacing Problematic Elements, and Compounds in Nontraditional Drug Space. <i>Chemical Research in Toxicology</i> , 2016, 29, 564-616.	1.7	148
125	Iron-Catalyzed Cyclization of Ketoxime Carboxylates and Tertiary Anilines for the Synthesis of Pyridines. <i>Organic Letters</i> , 2016, 18, 1194-1197.	2.4	118
126	General and cost-effective synthesis of 1-heteroaryl/arylcyloalkylamines and their broad applications. <i>Tetrahedron</i> , 2016, 72, 1941-1953.	1.0	10
127	Synthesis of Enantiopure Piperazines via Asymmetric Lithiation—Trapping of <i>N</i> -Boc Piperazines: Unexpected Role of the Electrophile and Distal <i>N</i> -Substituent. <i>Journal of the American Chemical Society</i> , 2016, 138, 651-659.	6.6	49
128	Synthesis of β -Substituted EnoXimes with Nucleophiles via Nitrosoallenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 559-574.	1.7	19
129	Discovery of a Novel Inhibitor of Histone Lysine-Specific Demethylase 1A (KDM1A/LSD1) as Orally Active Antitumor Agent. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1501-1517.	2.9	70
130	A one-pot process for the microwave-assisted synthesis of 7-substituted pyrazolo[1,5-a]pyrimidine. <i>RSC Advances</i> , 2016, 6, 3301-3306.	1.7	15
131	Highly diastereoselective approach to methylenecyclopropanes via boron-homologation/allylboration sequences. <i>Chemical Communications</i> , 2016, 52, 2529-2532.	2.2	14

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132	Mechanistic interrogation of the asymmetric lithiation-trapping of N-thiopivaloyl azetidine and pyrrolidine. <i>Chemical Communications</i> , 2016, 52, 1354-1357.	2.2	20
133	OpenGrowth: An Automated and Rational Algorithm for Finding New Protein Ligands. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4171-4188.	2.9	53
134	Saturated Heterocycles with Applications in Medicinal Chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2017, 121, 13-33.	0.9	22
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396	Synthetic Approaches for C-N Bonds by TiO_2 Photocatalysis. <i>Frontiers in Chemistry</i> , 2019, 7, 635.	1.8	18
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1164	Pd(II)-Catalyzed Transient Directing Group-Assisted Regioselective Diverse C4-H Functionalizations of Indoles. <i>Organic Letters</i> , 2022, 24, 1941-1946.	2.4	14
1165	Design, synthesis, in silico studies, in vivo and in vitro assessment of pyridones and thiazolidinones as anti-inflammatory, antipyretic and ulcerogenic hits. <i>Journal of Molecular Structure</i> , 2022, 1260, 132839.	1.8	15
1166	Biheterocyclic Coumarins: A Simple Yet Versatile Resource for Futuristic Design and Applications in Bio-molecular and Material Chemistry. <i>Current Organic Chemistry</i> , 2022, 26, 444-506.	0.9	4
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1168	Puckering the Planar Landscape of Fragments: Design and Synthesis of a 3D Cyclobutane Fragment Library. <i>ChemMedChem</i> , 2022, 17, .	1.6	6
1169	Redirecting RiPP Biosynthetic Enzymes to Proteins and Backbone-Modified Substrates. <i>ACS Central Science</i> , 2022, 8, 473-482.	5.3	13
1170	DBU- and DABCO-Promoted Selective Access to 2,5-Diarylnitrobenzoates and Cyclohexenones via One-Pot Reactions. <i>Synlett</i> , 2022, 33, 1052-1058.	1.0	3
1171	Transition Metal-Free, Visible Light-Mediated Radical Cyclisation of Malonyl Radicals onto 5-Ring Heteroaromatics. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1724-1731.	2.1	0

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1173	Ligand-Promoted Rh ^I -Catalyzed C2-Selective C [~] H Alkenylation and Polyenylation of Imidazoles with Alkenyl Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	3
1174	Copper-Catalyzed Alkylation of Quinoxalin-2(1H)-ones with Styrenes and tert-Butyl Peroxybenzoate. <i>Synlett</i> , 2022, 33, 998-1002.	1.0	3
1175	Boric Acid Catalyzed Regioselective <i>i</i> -N-Alkylation of Azoles. <i>Journal of Organic Chemistry</i> , 2022, 87, 5385-5394.	1.7	15
1176	Reliable Functionalization of 5,6-Fused Bicyclic N-Heterocycles Pyrazolopyrimidines and Imidazopyridazines via Zinc and Magnesium Organometallics. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	7
1177	Ruthenium-Catalyzed C7-Formylmethylation or Sequential Acetalization of Indolines with Vinylene Carbonate in Different Solvents. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1580-1586.	2.1	18
1178	Development of Efficient Synthetic Methods for sp ³ Atom-containing Benzo-aza/oxacycles and Peptide Mimetics based on Skeletal Diversity-oriented Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2022, 80, 369-376.	0.0	0
1179	Tandem construction of biological relevant aliphatic 5-membered N-heterocycles. <i>European Journal of Medicinal Chemistry</i> , 2022, 235, 114303.	2.6	27
1180	Photoaffinity labeling and bioorthogonal ligation: Two critical tools for designing "Fish Hooks" to scout for target proteins. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 62, 116721.	1.4	9
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1183	Synthesis, Biological Evaluation, and Molecular Docking Studies of Some Spiro-5-Cyanopyrimidine Derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 1293-1300.	0.3	0
1184	Arene radiofluorination enabled by photoredox-mediated halide interconversion. <i>Nature Chemistry</i> , 2022, 14, 216-223.	6.6	25
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1186	Copper-Catalyzed Aminoarylation of Alkenes via Aminyl Radical Addition and Aryl Migration. <i>Organic Letters</i> , 2022, 24, 309-313.	2.4	9
1187	Synthesis of Difluoromethylated Pyrazoles by the [3 + 2] Cycloaddition Reaction of Difluoroacetohydrazonoyl Bromides. <i>Journal of Organic Chemistry</i> , 2022, 87, 498-511.	1.7	21
1188	Photo-Induced Cross-Dehydrogenative Alkylation of Heteroarenes with Alkanes under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 17816-17832.	1.7	32
1189	Synthesis, single crystal X-ray analysis, and DFT calculations of tert-butyl 4-(4-nitrophenyl)piperazine-1-carboxylate. <i>Molecular Crystals and Liquid Crystals</i> , 0, , 1-9.	0.4	5

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1191	6- ² -Amino-5,7-dibromo-2-oxo-3- ² -(trifluoromethyl)-1- ² H-spiro[indoline-3,4- ² -pyrano[2,3-c]pyrazole]-5- ² -carbonitrile. <i>MolBank</i> , 2022, 2022, M1309.	0.2	0
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1196	A DFT study of NHC-catalyzed reactions between 2-bromo-2-enals and acylhydrazones: mechanisms, and chemo- and stereoselectivities. <i>New Journal of Chemistry</i> , 2022, 46, 9146-9154.	1.4	3
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1200	Photoinduced C-H Amination of Cyclic Amine Scaffolds Enabled by Polar Radical Relay. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	14
1201	Photoinduced C-H Amination of Cyclic Amine Scaffolds Enabled by Polar Radical Relay. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
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1204	Single-atom logic for heterocycle editing. , 2022, 1, 352-364.		104
1205	Interception of enamine intermediates in reductive functionalization of lactams by sodium hydride: Synthesis of 2-cyano-3-iodo piperidines and pyrrolidines. <i>Tetrahedron</i> , 2022, 114, 132779.	1.0	3
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1213	C-H Heteroarylation of Aromatics via Catalyst Free SN ² Coupling Cycloaromatization. <i>Green Chemistry</i> , 0, , .	4.6	2
1214	Redox-mediated Electrochemical Cyclization Reactions. <i>RSC Green Chemistry</i> , 2022, , 1-28.	0.0	1
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1219	Dearomatization of Heteroareanium Salts with ArBpin Reagents. Application to the Total Synthesis of a Nuphar Alkaloid. <i>Organic Letters</i> , 2022, 24, 3445-3449.	2.4	8
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1221	Modular Access to Chiral \pm -(Hetero)aryl Amines via Ni/Photoredox-Catalyzed Enantioselective Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2022, 144, 8797-8806.	6.6	56
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1229	Synthesis and characterization of (1 <i>S</i>)-3-(1 <i>S</i> ,2 <i>S</i> -O-isopropylidenedioxyethyl)-5,5-dimethyl-4,5-dihydro-1,2-oxazole and its isoxazolidine-3-carbonitrile derivatives. <i>Monatshefte für Chemie</i> , 2022, 153, 475-485.	0.9	1
1230	Cascade synthetic strategies opening access to medicinal-relevant aliphatic 3- and 4-membered N-heterocyclic scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114438.	2.6	11
1231	E- and Z-trisubstituted macrocyclic alkenes for natural product synthesis and skeletal editing. <i>Nature Chemistry</i> , 2022, 14, 640-649.	6.6	6
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1233	A jackpot C-H activation protocol using simple ruthenium catalyst in deep eutectic solvents. <i>Green Chemistry</i> , 2022, 24, 4941-4951.	4.6	9

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1235	Recent Advances in the Use of Surface-Enhanced Raman Scattering for Illicit Drug Detection. <i>Sensors</i> , 2022, 22, 3877.	2.1	25
1236	Synthesis of julolidine derivatives via SnCl ₄ -promoted spirocyclization of (1-alkyltetrahydroquinolin-8-yl)methylidene-1H-imidazol-5(4H)-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2022, 58, 255-259.	0.6	1
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1238	<i>Endo</i> -Selective Intramolecular Alkyne Hydroamidation Enabled by NiH Catalysis Incorporating Alkenylnickel Isomerization. <i>Journal of the American Chemical Society</i> , 2022, 144, 10064-10074.	6.6	31
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1240	Synthesis of <i>N</i> -Arylindoles from 2-Alkenylanilines and Diazonaphthalen-2(1 <i>H</i>)-ones through Simultaneous Indole Construction and Aryl Introduction. <i>Journal of Organic Chemistry</i> , 2022, 87, 7392-7404.	1.7	11
1241	Direct Thioamination of Cyclohexanones via Difunctionalization with Thiophenol and Aniline. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2205-2210.	2.1	4
1242	Atroposelective Construction of Nine-Membered Carbonate-Bridged Biaryls. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	33
1243	A molecular electron density theory study on the Chichibabin reaction: The origin of regioselectivity. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 116, 108240.	1.3	7
1244	Ring systems in natural products: structural diversity, physicochemical properties, and coverage by synthetic compounds. <i>Natural Product Reports</i> , 2022, 39, 1544-1556.	5.2	18
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1246	Tetrazole: A privileged scaffold for the discovery of anticancer agents. <i>Chemical Biology and Drug Design</i> , 2022, 100, 419-442.	1.5	14
1247	Carboranes in drug discovery, chemical biology and molecular imaging. <i>Nature Reviews Chemistry</i> , 2022, 6, 486-504.	13.8	48
1248	Synthesis, computational studies and antibacterial assessment of dispirooxindolopyrrolidine integrated indandione hybrids. <i>Journal of Molecular Structure</i> , 2022, 1267, 133577.	1.8	2
1249	A Practical and Scalable Approach to Fluoro-Substituted Bicyclo[1.1.1]pentanes. <i>Angewandte Chemie</i> , 0, , .	1.6	1
1250	Synthesis of Saturated <i>N</i> -Heterocycles via a Catalytic Hydrogenation Cascade. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 3366-3371.	2.1	10
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1254	Rings in Clinical Trials and Drugs: Present and Future. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8699-8712.	2.9	105
1255	A Practical and Scalable Approach to Fluoro-Substituted Bicyclo[1.1.1]pentanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	46
1256	Recent advances on synthesis and biological activities of C-17 aza-heterocycle derived steroids. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 69, 116882.	1.4	10
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1258	A general and practical bifunctional cobalt catalytic system for N-heterocycle assembly via acceptorless dehydrogenation. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4554-4560.	2.3	16
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1260	Catalytic cyclopropanation reactions with $\hat{\pm}$ -silyl-, germyl- and stannyl carbenes generated from cyclopropenes. <i>Chemical Communications</i> , 2022, 58, 8416-8419.	2.2	1
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1268	Alcohols as Alkylating Agents in the Cation-Induced Formation of Nitrogen Heterocycles. <i>Angewandte Chemie</i> , 0, .	1.6	0
1269	Rhodium-Catalyzed Asymmetric Hydrogenation of All-Carbon Aromatic Rings. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2

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1271	Electrochemical [3+2] Cycloaddition of Anilines and 1,3-Dicarbonyl Compounds: Construction of Multisubstituted Indoles. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2865-2871.	2.1	6
1272	Iridium-Catalyzed Borylation of 6-Fluoroquinolines: Access to 6-Fluoroquinolones. <i>Journal of Organic Chemistry</i> , 0, , .	1.7	4
1273	Photoinduced Copper-Catalyzed Asymmetric C(sp ³) ^H Alkynylation of Cyclic Amines by Intramolecular 1,5-Hydrogen Atom Transfer. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	30
1274	Rhodium-Catalyzed Asymmetric Hydrogenation of All-Carbon Aromatic Rings. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
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1278	Recent synthetic advances in borylated pyrazoles. <i>Tetrahedron Letters</i> , 2022, 104, 154008.	0.7	4
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1280	Palladium-Catalyzed Regioselective C4 Functionalization of Indoles with Quinones. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	0
1281	Bimetallic-Catalyzed Oxidative Esterification Reaction Forming $\hat{\pm}$ -Acyloxy Ether. <i>Chemical Engineering and Technology</i> , 2022, 45, 1785-1794.	0.9	1
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1286	Cp*Rh ^{III} -Catalyzed Cascade Annulation of Arylimidates with Pyridotriazoles toward Isoquinolin-3-ol Derivatives. <i>Journal of Organic Chemistry</i> , 2022, 87, 10858-10868.	1.7	6
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1289	Exploiting Coordination Effects for the Regioselective Zincation of Diazines Using TMPZnX-LiX (X = Cl, Br, I). <i>Journal of the American Chemical Society</i> , 2022, 144, 14471-14476.	10.78431	10
1290	Efficient Synthesis of Orphaned Cyclopropanes Using Sulfones as Carbene Equivalents. <i>Journal of the American Chemical Society</i> , 2022, 144, 14471-14476.	6.6	15
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1294	Stereoselective Pd-Catalyzed Remote Hydroamination of Skipped Dienes with Azoles. <i>Synlett</i> , 2023, 34, 451-456.	1.0	8
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1296	Divergent Synthesis of Fused Tetracyclic Heterocycles from Diarylalkynes Enabled by the Selective Insertion of Isocyanide. <i>Angewandte Chemie</i> , 2022, 134, 1-5.	1.6	0
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1298	Visible-Light-Induced Dual C(sp ³)-H Bond Functionalization of Tertiary Amine via Hydrogen Transfer to Carbene and Subsequent Cycloaddition. <i>Organic Letters</i> , 2022, 24, 6335-6340.	2.4	8
1299	Synthesis of Functionalized Azepines via Cu(I)-Catalyzed Tandem Amination/Cyclization Reaction of Fluorinated Allenynes. <i>Molecules</i> , 2022, 27, 5195.	1.7	4
1300	Visible light-induced hydroxymethylation and formylation of (iso)quinolines with alcohols. <i>Molecular Catalysis</i> , 2022, 530, 112594.	1.0	3
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1307	Emissive silver(<i>scpi</i>) cyclic trinuclear complexes with aromatic amine donor pyrazolate derivatives: way to efficiency. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 5624-5634.	3.0	5
1308	Metal-free synthesis of C2-quaternary indolinones by (NH ₄) ₂ S ₂ O ₈ mediated oxidative dearomatization of indoles. <i>RSC Advances</i> , 2022, 12, 21022-21025.	1.7	2
1309	Electrochemical Câ€“H functionalization to synthesize 3-hydroxyalkylquinoxalin-2(1 <i>H</i>)-ones <i>via</i> quinoxalin-2(1 <i>H</i>)-ones and aldehydes. <i>Organic Chemistry Frontiers</i> , 0, , .	2.3	10
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1335	Photocatalyzed Cascade Reactions of Cyclopropanols and <i>trans</i> -Trifluoromethyl-Substituted Olefins for the Synthesis of Fused Difluorooxetanes. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
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1337	A Missing Link in Multisubstituted Pyrrolidines: Remote Stereocontrol Forged by Rhodium-Alkyl Nitrene. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
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