Robert A Batey

List of Publications by Year
in descending order

154 papers	8,158 citations	31976 53 h-index	53230 85 g-index
207 all docs	207 docs citations	207 times ranked	7927 citing authors

#	Article	IF	Citations
1	Parallel Synthesis of a Library of Benzoxazoles and Benzothiazoles Using Ligand-Accelerated Copper-Catalyzed Cyclizations ofortho-Halobenzanilides. Journal of Organic Chemistry, 2006, 71, 1802-1808.	3.2	464
2	Targeting XIAP for the treatment of malignancy. Cell Death and Differentiation, 2006, 13, 179-188.	11.2	276
3	Copper-Catalyzed Domino Annulation Approaches to the Synthesis of Benzoxazoles under Microwave-Accelerated and Conventional Thermal Conditions. Journal of Organic Chemistry, 2008, 73, 3452-3459.	3.2	239
4	Copper(II)-Catalyzed Ether Synthesis from Aliphatic Alcohols and Potassium Organotrifluoroborate Salts. Organic Letters, 2003, 5, 1381-1384.	4.6	223
5	Ligand- and Base-Free Copper(II)-Catalyzed Câ^'N Bond Formation:â€‰ Cross-Coupling Reactions of Organoboron Compounds with Aliphatic Amines and Anilines. Organic Letters, 2003, 5, 4397-4400.	4.6	221
6	Potassium Alkenyl- and Aryltrifluoroborates:â€‰ Stable and Efficient Agents for Rhodium-Catalyzed Addition to Aldehydes and Enones. Organic Letters, 1999, 1, 1683-1686.	4.6	190
7	Carbamoyl-SubstitutedN-Heterocyclic Carbene Complexes of Palladium(II):â€‰ Application to Sonogashira Cross-Coupling Reactions. Organic Letters, 2002, 4, 1411-1414.	4.6	190
8	Copper- and Palladium-Catalyzed Intramolecular Aryl Guanidinylation:â€‰ An Efficient Method for the Synthesis of 2-Aminobenzimidazolesâ€. Organic Letters, 2003, 5, 133-136.	4.6	185
9	Heterocycle Formation via Palladium-Catalyzed Intramolecular Oxidative Câ^'H Bond Functionalization: An Efficient Strategy for the Synthesis of 2-Aminobenzothiazoles. Organic Letters, 2009, 11, 2792-2795.	4.6	174
10	Synthesis and cross-coupling reactions of tetraalkylammonium organotrifluoroborate salts. Tetrahedron Letters, 2001, 42, 9099-9103.	1.4	170
11	Total Synthesis of the Alkaloids Martinelline and Martinellic Acid via a Hetero Dielsâ^'Alder Multicomponent Coupling Reactionâ€. Organic Letters, 2002, 4, 2913-2916.	4.6	169
12	Copper- and palladium-catalyzed intramolecular Câ€“S bond formation: a convenient synthesis of 2-aminobenzothiazoles. Chemical Communications, 2004, , 446-447.	4.1	162
13	RNA-Puzzles Round III: 3D RNA structure prediction of five riboswitches and one ribozyme. Rna, 2017, 23, 655-672.	3.5	158
14	A novel inhibitor of glucose uptake sensitizes cells to FAS-induced cell death. Molecular Cancer Therapeutics, 2008, 7, 3546-3555.	4.1	155
15	Chelation of intracellular iron with the antifungal agent ciclopirox olamine induces cell death in leukemia and myeloma cells. Blood, 2009, 114, 3064-3073.	1.4	151
16	The ubiquitin-activating enzyme E1 as a therapeutic target for the treatment of leukemia and multiple myeloma. Blood, 2010, 115, 2251-2259.	1.4	139
17	Enamide Synthesis by Copperâ€Catalyzed Crossâ€Coupling of Amides and Potassium Alkenyltrifluoroborate Salts. Angewandte Chemie - International Edition, 2008, 47, 2109-2112.	13.8	131
18	Cross-coupling of organoboronic acids and sulfinate salts using catalytic copper(II) acetate and 1,10-phenanthroline: synthesis of aryl and alkenylsulfones. Tetrahedron, 2007, 63, 7667-7672.	1.9	129

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19	The Role of ClpP Protease in Bacterial Pathogenesis and Human Diseases. ACS Chemical Biology, 2018, 13, 1413-1425.	3.4	122
20	Alkenyl and Aryl BoronatesMild Nucleophiles for the Stereoselective Formation of Functionalized N-Heterocycles. Journal of the American Chemical Society, 1999, 121, 5075-5076.	13.7	121
21	Carbamoylimidazolium and thiocarbamoylimidazolium salts: novel reagents for the synthesis of ureas, thioureas, carbamates, thiocarbamates and amides. Tetrahedron, 2005, 61, 7153-7175.	1.9	121
22	A General Synthetic Method for the Formation of Substituted 5-Aminotetrazoles from Thioureas:â€‰ A Strategy for Diversity Amplification. Organic Letters, 2000, 2, 3237-3240.	4.6	117
23	An efficient new protocol for the formation of unsymmetrical tri- and tetrasubstituted ureas. Tetrahedron Letters, 1998, 39, 6267-6270.	1.4	116
24	Intramolecular Hetero Dielsâ^'Alder (Povarov) Approach to the Synthesis of the Alkaloids Luotonin A and Camptothecinâ€. Organic Letters, 2004, 6, 4913-4916.	4.6	116
25	Diastereoselective Allylation and Crotylation Reactions of Aldehydes with Potassium Allyl- and Crotyltrifluoroborates under Lewis Acid Catalysis. Synthesis, 2000, 2000, 990-998.	2.3	112
26	A Mild Protocol for Allylation and Highly Diastereoselective Syn or Anti Crotylation of Aldehydes in Biphasic and Aqueous Media Utilizing Potassium Allyl- and Crotyltrifluoroborates. Organic Letters, 2002, 4, 3827-3830.	4.6	110
27	Mild lanthanide(iii) catalyzed formation of 4,5-diaminocyclopent-2-enones from 2-furaldehyde and secondary amines: a domino condensation/ring-opening/electrocyclization process. Chemical Communications, 2007, , 3759.	4.1	110
28	Clioquinol inhibits the proteasome and displays preclinical activity in leukemia and myeloma. Leukemia, 2009, 23, 585-590.	7.2	106
29	The antiparasitic agent ivermectin induces chloride-dependent membrane hyperpolarization and cell death in leukemia cells. Blood, 2010, 116, 3593-3603.	1.4	101
30	Potassium allyl- and crotyltrifluoroborates: Stable and efficient agents for allylation and crotylation. Tetrahedron Letters, 1999, 40, 4289-4292.	1.4	97
31	A three-component coupling protocol for the synthesis of substituted hexahydropyrrolo[3,2-c]quinolines. Chemical Communications, 1999, , 651-652.	4.1	92
32	A Room-Temperature Protocol for the Rhodium(I)-Catalyzed Addition of Arylboron Compounds to Sulfinimines. Organic Letters, 2005, 7, 1481-1484.	4.6	91
33	Activators of Cylindrical Proteases as Antimicrobials: Identification and Development of Small Molecule Activators of ClpP Protease. Chemistry and Biology, 2011, 18, 1167-1178.	6.0	86
34	Lewis Acid Catalyzed Three-Component Hetero-Dielsâ^'Alder (Povarov) Reaction of N-Arylimines with Strained Norbornene-Derived Dienophiles. Journal of Organic Chemistry, 2010, 75, 702-715.	3.2	83
35	Functional characterization of a PROTAC directed against BRAF mutant V600E. Nature Chemical Biology, 2020, 16, 1170-1178.	8.0	80
36	Diastereoselective allylations and crotylations under phase-transfer conditions using trifluoroborate salts: an application to the total synthesis of (â^')-tetrahydrolipstatin. Tetrahedron Letters, 2003, 44, 8051-8055.	1.4	75

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37	Synthesis and Reactivity of N-Alkyl Carbamoylimidazoles: Development of N-Methyl Carbamoylimidazole as a Methyl Isocyanate Equivalent. Journal of Organic Chemistry, 2012, 77, 10362-10368.	3.2	72
38	Acyldepsipeptide Analogs Dysregulate Human Mitochondrial ClpP Protease Activity and Cause Apoptotic Cell Death. Cell Chemical Biology, 2018, 25, 1017-1030.e9.	5.2	72
39	Effect of Noncompetitive Proteasome Inhibition on Bortezomib Resistance. Journal of the National Cancer Institute, 2010, 102, 1069-1082.	6.3	69
40	Enantioselective Palladium(II)-Catalyzed Formal [3,3]-Sigmatropic Rearrangement of 2-Allyloxypyridines and Related Heterocycles. Organic Letters, 2010, 12, 260-263.	4.6	69
41	The First Boron-Tethered Radical Cyclizations and Intramolecular Homolytic Substitutions at Boron. Angewandte Chemie - International Edition, 1999, 38, 1798-1800.	13.8	68
42	Allylation and Crotylation of Ketones and Aldehydes Using Potassium Organotrifluoroborate Salts under Lewis Acid and Montmorillonite K10 Catalyzed Conditions. Organic Letters, 2009, 11, 2631-2634.	4.6	68
43	Multi-component coupling reactions: synthesis of a guanidine containing analog of the hexahydropyrrolo[3,2-c]quinoline alkaloid martinelline. Chemical Communications, 2001, , 2362-2363.	4.1	67
44	Phase-Transfer-Catalyzed Alkylation of Guanidines by Alkyl Halides under Biphasic Conditions:â€‰ A Convenient Protocol for the Synthesis of Highly Functionalized Guanidines. Journal of Organic Chemistry, 2003, 68, 2300-2309.	3.2	67
45	Alkenylboronate Tethered Intramolecular Dielsâ˜Alder Reactions. Journal of the American Chemical Society, 1999, 121, 450-451.	13.7	61
46	Allylation and highly diastereoselective syn or anti crotylation of N-toluenesulfonylimines using potassium allyl- and crotyltrifluoroborates. Chemical Communications, 2004, , 1382.	4.1	61
47	Samarium(II) iodide promoted radical ring opening reactions of cyclopropyl ketones. Tetrahedron Letters, 1991, 32, 6211-6214.	1.4	60
48	Lanthanide(III)-catalyzed multi-component aza-Dielsâ€“Alder reaction of aliphatic N-arylaldimines with cyclopentadiene. Tetrahedron Letters, 2003, 44, 7569-7573.	1.4	60
49	Investigation of Substituent Effects on the Selectivity of 4Ï€-Electrocyclization of 1,3-Diarylallylic Cations for the Formation of Highly Substituted Indenes. Journal of Organic Chemistry, 2010, 75, 4716-4727.	3.2	60
50	Dysprosium(III) catalyzed formation of hexahydrofuro[3,2-c]quinolines via 2:1 coupling of dihydrofuran with substituted anilines. Tetrahedron Letters, 2001, 42, 7935-7939.	1.4	59
51	A Short Total Synthesis of the Marine Sponge Pyrroleâ€2â€aminoimidazole Alkaloid (Â±)â€Agelastatinâ€…A. Angewandte Chemie - International Edition, 2013, 52, 10862-10866.	13.8	59
52	Regioâ€•and Stereoselective Allylation and Crotylation of Indoles at C2 Through the Use of Potassium Organotrifluoroborate Salts. Angewandte Chemie - International Edition, 2013, 52, 892-895.	13.8	59
53	Selective Inhibition of Histone Deacetylases Sensitizes Malignant Cells to Death Receptor Ligands. Molecular Cancer Therapeutics, 2010, 9, 246-256.	4.1	57
54	Samarium(II) iodide promoted radical ring opening reactions of cyclopropyl ketones. Tetrahedron Letters, 1991, 32, 6649-6652.	1.4	50

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55	Copper-Catalyzed Nondecarboxylative Cross Coupling of Alkenyltrifluoroborate Salts with Carboxylic Acids or Carboxylates: Synthesis of Enol Esters. Organic Letters, 2013, 15, 3150-3153.	4.6	49
56	Amidation Reactions from the Direct Coupling of Metal Carboxylate Salts with Amines. Journal of Organic Chemistry, 2014, 79, 943-954.	3.2	49
57	Palladium-Catalyzed Allylic Transposition of (Allyloxy) Iminodiazaphospholidines:Â A Formal [3,3]-Aza-phospha-oxa-Cope Sigmatropic Rearrangement for the Stereoselective Synthesis of Allylic Amines. Journal of the American Chemical Society, 2005, 127, 14887-14893.	13.7	47
58	A small-molecule inhibitor of D-cyclin transactivation displays preclinical efficacy in myeloma and leukemia via phosphoinositide 3-kinase pathway. Blood, 2011, 117, 1986-1997.	1.4	47
59	Construction of bicyclic systems via a tandem free radical cyclopropylcarbinyl rearrangement-cyclisation strategy. Tetrahedron, 1992, 48, 8031-8052.	1.9	46
60	Palladium-Catalyzed[3,3] Sigmatropic Rearrangement of (Allyloxy)iminodiazaphospholidines: Allylic Transposition of Cï£¿O and Cï£¿N Functionality. Angewandte Chemie - International Edition, 2004, 43, 1865-1868.	13.8	44
61	Development and Characterization of Potent Cyclic Acyldepsipeptide Analogues with Increased Antimicrobial Activity. Journal of Medicinal Chemistry, 2016, 59, 624-646.	6.4	44
62	Intermolecular additions of Î±-boryl radicals. Tetrahedron Letters, 1996, 37, 6847-6850.	1.4	42
63	A new protocol for the formation of carbamates and thiocarbamates using carbamoyl imidazolium salts. Tetrahedron Letters, 1999, 40, 2669-2672.	1.4	40
64	Hetero Dielsâ"Alder Reactions of Nitrosoamidines:â€‰ An Efficient Method for the Synthesis of Functionalized Guanidines. Organic Letters, 2004, 6, 699-702.	4.6	39
65	Synthesis of substituted pyrrolidines and piperidines from endocyclic enamine derivatives. Synthesis of (Â±)-laburnamine. Tetrahedron, 2005, 61, 1221-1244.	1.9	38
66	Copper-catalyzed cross-coupling of amides and potassium alkenyltrifluoroborate salts: a general approach to the synthesis of enamides. Tetrahedron, 2010, 66, 5283-5294.	1.9	38
67	Terminal Alkyne Addition to Diazodicarboxylates: Synthesis of Hydrazide Linked Alkynes (Ynehydrazides). Organic Letters, 2012, 14, 540-543.	4.6	38
68	A Hetero Dielsâ€"Alder Approach to the Synthesis of Chromans (3,4-Dihydrobenzopyrans) Using Oxonium Ion Chemistry: The Oxa-Povarov Reaction. Journal of Organic Chemistry, 2013, 78, 1404-1420.	3.2	37
69	Total synthesis of (Â±)-6-deoxycastanospermine: an application of the addition of organoboronates to N-acyliminium ions. Tetrahedron Letters, 2000, 41, 9935-9938.	1.4	35
70	Indium-Promoted Chemo- and Diastereoselective Allylation of Î±,Î²-Epoxy Ketones with Potassium Allyltrifluoroborate. Organic Letters, 2010, 12, 5490-5493.	4.6	35
71	Tethered Î±-boryl radical cyclizations of haloalkyl boronates. Tetrahedron Letters, 1999, 40, 9183-9187.	1.4	32
72	Carbamoylimidazolium salts as diversification reagents: an application to the synthesis of tertiary amides from carboxylic acids. Tetrahedron Letters, 2003, 44, 7485-7488.	1.4	32

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73	ConfChem Conference on Educating the Next Generation: Green and Sustainable Chemistryâ€"Greening the Organic Curriculum: Development of an Undergraduate Catalytic Chemistry Course. Journal of Chemical Education, 2013, 90, 519-520.	2.3	32
74	Some novel electron transfer mediated cascade ring-opening reactions of bicyclo[4.1.0]ketones. Tetrahedron, 1996, 52, 11421-11444.	1.9	29
75	Peptide Heterocycle Conjugates:â€‰ A Diverted Edman Degradation Protocol for the Synthesis of N-Terminal 2-Iminohydantoins. Organic Letters, 2003, 5, 1201-1204.	4.6	28
76	Total Synthesis and Antibacterial Testing of the A54556 Cyclic Acyldepsipeptides Isolated from Streptomyces hawaiiensis. Journal of Natural Products, 2014, 77, 2170-2181.	3.0	26
77	A Lanthanide(III) Triflate Mediated Macrolactonization/Solid-Phase Synthesis Approach for Depsipeptide Synthesis. Organic Letters, 2015, 17, 2182-2185.	4.6	26
78	Synthesis of 3-aminopyrrolidines and piperidines from endocyclic enamine derivatives. Tetrahedron Letters, 2001, 42, 7007-7010.	1.4	24
79	Effect of acid catalysis on the direct electrophilic fluorination of ketones, ketals, and enamides using Selectfluorâ„¢. Tetrahedron Letters, 2012, 53, 2971-2975.	1.4	24
80	Synthesis of 2-bromo-1-aryl-1H-indenes via a Ag(I) promoted domino 2Ï€-electrocyclic ring-opening/4Ï€-electrocyclization reaction of 1,2-diaryl substituted gem-dibromocyclopropanes. Tetrahedron, 2013, 69, 8758-8768.	1.9	24
81	Achieving functional group diversity in parallel synthesis: solution-phase synthesis of a library of ureas, carbamates, thiocarbamates, and amides using carbamoylimidazolium salts. Tetrahedron Letters, 2008, 49, 5279-5282.	1.4	23
82	Allylation of Imines and Their Derivatives with Organoboron Reagents: Stereocontrolled Synthesis of Homoallylic Amines. Synthesis, 2011, 2011, 1321-1346.	2.3	23
83	Organosilane-mediated free radical cyclization reactions employing carbonyl traps. Tetrahedron Letters, 1998, 39, 7267-7270.	1.4	22
84	Dielsâ€"Alder reactions of dienylboron compounds with unactivated dienophiles: an application of boron tethering for substituted cyclohexenol synthesis. Chemical Communications, 1999, , 475-476.	4.1	22
85	Stereocontrolled Synthesis of Contiguous C(sp³)â^'C(aryl) Bonds by Lanthanide(III)-Catalyzed Domino Aryl-Claisen [3,3]-Sigmatropic Rearrangements. Organic Letters, 2010, 12, 4446-4449.	4.6	22
86	CACHE (Critical Assessment of Computational Hit-finding Experiments): A publicâ€"private partnership benchmarking initiative to enable the development of computational methods for hit-finding. Nature Reviews Chemistry, 2022, 6, 287-295.	30.2	22
87	Intramolecular Diels-Alder reactions of alkenylboranes â€" A stereoselective route to functionalized bicyclo[4.3.0]nonenes. Tetrahedron Letters, 1997, 38, 3699-3702.	1.4	21
88	Lanthanide(III)-Catalyzed Synthesis of trans-Diaminocyclopentenones from Substituted Furfurals and Secondary Amines via a Domino Ring-Opening/4Ï€-Electrocyclization Pathway. Organic Letters, 2018, 20, 6668-6672.	4.6	20
89	ClpP protease activation results from the reorganization of the electrostatic interaction networks at the entrance pores. Communications Biology, 2019, 2, 410.	4.4	20
90	Origins of the regioselectivity of cyclopropylcarbinyl ring opening reactions in bicyclo [n.1.0] systems. Journal of the Chemical Society Chemical Communications, 1992, , 942.	2.0	19

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91	Substituted 2,5-diazabicyclo[4.1.0]heptanes and their application as general piperazine surrogates: synthesis and biological activity of a Ciprofloxacin analogue. Tetrahedron, 2010, 66, 3370-3377.	1.9	19
92	Synthesis of a taxinine analog via the intramolecular Diels-Alder cycloaddition. Tetrahedron Letters, 1996, 37, 8069-8072.	1.4	18
93	Peptide-Heterocycle Hybrid Molecules:Â Solid-Phase-Supported Synthesis of SubstitutedN-Terminal 5-Aminotetrazole Peptides via Electrocyclization of Peptidic Imidoylazides. ACS Combinatorial Science, 2007, 9, 644-651.	3.3	18
94	Total Synthesis of the Cytotoxic Enehydrazide Natural Products Hydrazidomycins A and B by a Carbazate Addition/Peterson Olefination Approach. Organic Letters, 2013, 15, 3086-3089.	4.6	18
95	An Organotrifluoroborate-Based Convergent Total Synthesis of the Potent Cancer Cell Growth Inhibitory Depsipeptides Kitastatin and Respirantin. Organic Letters, 2014, 16, 2322-2325.	4.6	18
96	Peptideâ^'Heterocycle Hybrid Molecules:Â Solid-Phase Synthesis of a 400-Member Library of N-Terminal 2-Iminohydantoin Peptides. ACS Combinatorial Science, 2006, 8, 237-246.	3.3	17
97	Parallel solution phase synthesis of a library of amino acid derived 2-arylamino-[1,3,4]-oxadiazoles. Tetrahedron Letters, 2008, 49, 4746-4749.	1.4	17
98	Organoboron compounds as mild nucleophiles in Lewis acid- and transition metal-catalyzed CÂC bond-forming reactions. Pure and Applied Chemistry, 2002, 74, 43-55.	1.9	16
99	Structure-based de novo design of ligands using a three-dimensional model of the insulin receptor. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1407-1410.	2.2	16
100	Accurate prediction of experimental free energy of activation barriers for the aliphatic-Claisen rearrangement through DFT calculations. Computational and Theoretical Chemistry, 2011, 976, 167-182.	2.5	16
101	Stereoselective synthesis of a synthon for the A-ring of taxol from R-(+)-verbenone. Tetrahedron Letters, 1995, 36, 2211-2214.	1.4	15
102	Synthesis of substituted pyrrolidines by sequential radical cyclization and N-acyliminium ion reactions. Tetrahedron Letters, 1999, 40, 9189-9193.	1.4	15
103	Mild Double Allylboration Reactions of Nitriles and Acid Anhydrides Using Potassium Allyltrifluoroborate. Journal of Organic Chemistry, 2013, 78, 1216-1221.	3.2	15
104	Organoboron-Based Allylation Approach to the Total Synthesis of the Medium-Ring Dilactone (+)-Antimycin A_{1b}. Journal of Organic Chemistry, 2014, 79, 7415-7424.	3.2	15
105	Development of Antibiotics That Dysregulate the Neisserial ClpP Protease. ACS Infectious Diseases, 2020, 6, 3224-3236.	3.8	15
106	Enantioselective isoquinuclidine synthesis via sequential Dielsâ€“Alder/visible-light photoredox Câ€“C bond cleavage: a formal synthesis of the indole alkaloid catharanthine. Organic Chemistry Frontiers, 2018, 5, 2934-2939.	4.5	13
107	An efficient protocol for the formation of aminothiatriazoles from thiocarbamoylimidazolium salts. Tetrahedron Letters, 2002, 43, 7601-7604.	1.4	12
108	Parallel Synthesis of Tri- and Tetrasubstituted Ureas from Carbamoyl Imidazolium Salts. Combinatorial Chemistry and High Throughput Screening, 2002, 5, 219-232.	1.1	12

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109	Stereocontrolled Microwave-Assisted Domino [3,3]-Sigmatropic Reactions: A Winsteinâ€“Overman Rearrangement for the Formation of Differentiated Contiguous Câ€“N Bonds. Organic Letters, 2020, 22, 3050-3055.	4.6	11
110	Nucleophilic Addition Reactions of Aryl and Alkenylboronic Acids and Their Derivatives to Imines and Iminium Ions. , 2006, , 279-304.		9
111	A novel diquinolonium displays preclinical anti-cancer activity and induces caspase-independent cell death. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 748-755.	4.9	9
112	DABO Boronate Promoted Conjugate Allylation of Î±,Î²-Unsaturated Aldehydes Using Copper(II) Catalysis. Journal of Organic Chemistry, 2016, 81, 6774-6778.	3.2	9
113	Tetra-n-butylammonium ferrocenyltrifluoroborate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, m320-m321.	0.2	8
114	A biogenetically inspired heterodimerization approach to the synthesis of the core structure of the alkaloid fissoldhimine. Tetrahedron Letters, 2007, 48, 1841-1844.	1.4	8
115	Diastereoselective synthesis of fluorinated piperidine quinazoline spirocycles as iNOS selective inhibitors. Tetrahedron Letters, 2012, 53, 2942-2947.	1.4	8
116	A general method for the synthesis of O-alkyl N,Oâ€²-arylphosphoramidates and its application to the synthesis of a transition state analogue for carbamate hydrolysis. Tetrahedron, 1998, 54, 4223-4242.	1.9	7
117	Di-tert-butyl Ethynylimidodicarbonate as a General Synthon for the Î²-Aminoethylation of Organic Electrophiles: Application to the Formal Synthesis of Pyrrolidinoindoline Alkaloids (Â±)-CPC-1 and (Â±)-Alline. Journal of Organic Chemistry, 2020, 85, 8447-8461.	3.2	7
118	Tetra-n-butylammonium phenyltrifluoroborate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o688-o689.	0.2	6
119	An Approach to the 9-Oxo-10-oxabicyclo[5.3.0]dec-2-ene Core of the Guaianolide and Pseudoguaianolide Sesquiterpenes via a Domino Electrocyclic Ring-Opening/Carboxylic Acid Trapping of a gem-Dibromocyclopropane. Journal of Organic Chemistry, 2018, 83, 13799-13810.	3.2	6
120	Scandium triflate and secondary amine promoted AAâ€²B 2:1 coupling and formal inverse electron demand Dielsâ€“Alder reactions of dienals. Tetrahedron, 2008, 64, 652-663.	1.9	5
121	Sequential O-Arylation/Lanthanide(III)-Catalyzed [3,3]-Sigmatropic Rearrangement of Bromo-Substituted Allylic Alcohols. Synlett, 2017, 28, 2865-2870.	1.8	5
122	The Synthesis of Dienecarbamates as Adapt Prodrug Models. Synthetic Communications, 1997, 27, 2445-2453.	2.1	4
123	Hydrolysis of an N-methylcarbamate by a catalytic antibody. Chemical Communications, 2000, , 385-386.	4.1	4
124	Resolving the mechanistic origins of E/Z-selectivity differences for the ortho-aryl-Claisen [3,3]-sigmatropic rearrangement through DFT calculations. Computational and Theoretical Chemistry, 2011, 974, 76-78.	2.5	4
125	An Aluminoâ€Mannich Reaction of Organoaluminum Reagents, Silylated Amines, and Aldehydes. Chemistry - A European Journal, 2018, 24, 6071-6074.	3.3	3
126	Total Synthesis of (+)-Prunustatin A: Utility of Organotrifluoroborate-Mediated Prenylation and Shiina MNBA Esterification and Macrolactonization To Avoid a Competing Thorpeâ€“Ingold Effect Accelerated Transesterification. Organic Letters, 2018, 20, 5671-5675.	4.6	2

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127	The First Boron-Tethered Radical Cyclizations and Intramolecular Homolytic Substitutions at Boron. Angewandte Chemie - International Edition, 1999, 38, 1798-1800.	13.8	2
128	Copper- and Palladium-Catalyzed Intramolecular Aryl Guanidinylation: An Efficient Method for the Synthesis of 2-Aminobenzimidazoles.. ChemInform, 2003, 34, no.	0.0	1
129	An Expedient Synthesis of Cationic Rhodamine Fluorescent Probes Suitable for Conjugation to Amino Acids and Peptides. Synthesis, 2003, 2003, 2647-2654.	2.3	1
130	Parallel Synthesis of a Library of Acylsemicarbazides Using a Solution-Phase One-Pot Method and Their Evaluation as Crop-Protection Agents. Synthesis, 2005, 2005, 2384-2392.	2.3	1
131	Activation of Chloride Channels with the Anti-Parasitic Agent Ivermectin Induces Membrane Hyperpolarization and Cell Death in Leukemia Cells.. Blood, 2009, 114, 410-410.	1.4	1
132	Development of Small Molecules to Modulate the Activity of the ATP-Dependent ClpP Protease as a Novel Antibacterial and Anticancer Drug Target. Medicinal Chemistry Reviews, 2019, , 379-404.	0.1	1
133	A Novel Chromene-Based Pan-PI3 Kinase Inhibitor Displays Preclinical Activity in Leukemia and Myeloma.. Blood, 2008, 112, 1605-1605.	1.4	1
134	An Efficient Protocol for the Formation of Aminothiatriazoles from Thiocarbamoylimidazolium Salts.. ChemInform, 2003, 34, no.	0.0	0
135	A Mild Protocol for Allylation and Highly Diastereoselective syn or anti Crotylation of Aldehydes in Biphasic and Aqueous Media Utilizing Potassium Allyl- and Crotyltrifluoroborates.. ChemInform, 2003, 34, no.	0.0	0
136	Phase-Transfer-Catalyzed Alkylation of Guanidines by Alkyl Halides under Biphasic Conditions: A Convenient Protocol for the Synthesis of Highly Functionalized Guanidines.. ChemInform, 2003, 34, no.	0.0	0
137	Copper(II)-Catalyzed Ether Synthesis from Aliphatic Alcohols and Potassium Organotrifluoroborate Salts.. ChemInform, 2003, 34, no.	0.0	0
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