Richmond Sarpong

List of Publications by Year
in descending order

155 papers	10,580 citations	36203 51 h-index	37111 96 g-index
217 all docs	217 docs citations	217 times ranked	9134 citing authors

#	Article	IF	Citations
1	Production of the antimalarial drug precursor artemisinic acid in engineered yeast. Nature, 2006, 440, 940-943.	13.7	2,498
2	Intramolecular C(sp3)â€“H amination. Chemical Science, 2013, 4, 4092.	3.7	303
3	Câ€“H activation. Nature Reviews Methods Primers, 2021, 1, .	11.8	277
4	The First Total Synthesis of Dragmacidin D. Journal of the American Chemical Society, 2002, 124, 13179-13184.	6.6	237
5	Total Synthesis of (+)-Complanadine A Using an Iridium-Catalyzed Pyridine Câ^'H Functionalization. Journal of the American Chemical Society, 2010, 132, 5926-5927.	6.6	217
6	Toward a Symphony of Reactivity: Cascades Involving Catalysis and Sigmatropic Rearrangements. Angewandte Chemie - International Edition, 2014, 53, 2556-2591.	7.2	202
7	Application of In Situ-Generated Rh-Bound Trimethylenemethane Variants to the Synthesis of 3,4-Fused Pyrroles. Journal of the American Chemical Society, 2013, 135, 4696-4699.	6.6	187
8	Pt-Catalyzed Pentannulations from In Situ Generated Metalloâ^'Carbenoids Utilizing Propargylic Esters. Journal of the American Chemical Society, 2005, 127, 12468-12469.	6.6	177
9	Neonicotinoid insecticides induce salicylate-associated plant defense responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17527-17532.	3.3	163
10	Pt-Catalyzed Cyclization/1,2-Migration for the Synthesis of Indolizines, Pyrrolones, and Indolizinones. Organic Letters, 2007, 9, 1169-1171.	2.4	160
11	Deconstructive fluorination of cyclic amines by carbon-carbon cleavage. Science, 2018, 361, 171-174.	6.0	160
12	Deconstructive diversification of cyclic amines. Nature, 2018, 564, 244-248.	13.7	147
13	Total synthesis and isolation of citrinalin and cyclopiamine congeners. Nature, 2014, 509, 318-324.	13.7	140
14	Divergent reactions on racemic mixtures. Chemical Society Reviews, 2011, 40, 4550.	18.7	137
15	Expedient Synthesis of Fused Azepine Derivatives Using a Sequential Rhodium(II)â€Catalyzed Cyclopropanation/1â€Azaâ€Cope Rearrangement of Dienyltriazoles. Angewandte Chemie - International Edition, 2014, 53, 9904-9908.	7.2	136
16	Concise Synthesis of Pauciflorol F Using a Larock Annulation. Organic Letters, 2009, 11, 5450-5453.	2.4	124
17	Stereodivergent Intramolecular C(sp³)â€“H Functionalization of Azavinyl Carbenes: Synthesis of Saturated Heterocycles and Fused N-Heterotricycles. Journal of the American Chemical Society, 2015, 137, 8368-8371.	6.6	115
18	Unified Strategy for the Synthesis of the â€œMiscellaneousâ€•Lycopodium Alkaloids: Total Synthesis of (Â±)-Lyconadin A. Journal of the American Chemical Society, 2008, 130, 7222-7223.	6.6	104

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19	Single-atom logic for heterocycle editing. , 2022, 1, 352-364.		104
20	Catalyst-Controlled Formal [4 + 3] Cycloaddition Applied to the Total Synthesis of (+)-Barekoxide and (â˜)-Barekol. Journal of the American Chemical Society, 2010, 132, 12422-12425.	6.6	100
21	Transition Metalâ€Mediated Câ˜C Single Bond Cleavage: Making the Cut in Total Synthesis. Angewandte Chemie - International Edition, 2020, 59, 18898-18919.	7.2	100
22	Pt-Catalyzed Tandem Epoxide Fragmentation/Pentannulation of Propargylic Esters. Journal of the American Chemical Society, 2006, 128, 6786-6787.	6.6	95
23	Electronic Effects in the Pt-Catalyzed Cycloisomerization of Propargylic Esters:â€‰ Synthesis of 2,3-Disubstituted Indolizines as a Mechanistic Probe. Organic Letters, 2007, 9, 4547-4550.	2.4	94
24	Ga(III)-Catalyzed Cycloisomerization Strategy for the Synthesis of Icetexane Diterpenoids:â€‰ Total Synthesis of (Â±)-Salviasperanol. Organic Letters, 2006, 8, 2883-2886.	2.4	90
25	Î²-Carboline Amides as Intrinsic Directing Groups for C(sp²)â€“H Functionalization. Journal of the American Chemical Society, 2017, 139, 1325-1329.	6.6	90
26	Selective Câ€“C and Câ€“H Bond Activation/Cleavage of Pinene Derivatives: Synthesis of Enantiopure Cyclohexenone Scaffolds and Mechanistic Insights. Journal of the American Chemical Society, 2015, 137, 6327-6334.	6.6	88
27	Total Synthesis of (+)-Lyconadin A and Related Compounds via Oxidative Câ˜N Bond Formation. Journal of the American Chemical Society, 2009, 131, 11187-11194.	6.6	87
28	Automation and computer-assisted planning for chemical synthesis. Nature Reviews Methods Primers, 2021, 1, .	11.8	83
29	New GABA/Glutamate Receptor Target for [³H]Isoxazoline Insecticide. Chemical Research in Toxicology, 2013, 26, 514-516.	1.7	81
30	Heathcockâ€Inspired Strategies for the Synthesis of Fawcettimineâ€Type Lycopodium Alkaloids. Chemistry - A European Journal, 2014, 20, 42-56.	1.7	78
31	Insect Ryanodine Receptor: Distinct but Coupled Insecticide Binding Sites for [N-C³H₃]Chlorantraniliprole, Flubendiamide, and [³H]Ryanodine. Chemical Research in Toxicology, 2012, 25, 1571-1573.	1.7	77
32	Rapid Construction of the Cortistatin Pentacyclic Core. Angewandte Chemie - International Edition, 2008, 47, 6650-6653.	7.2	74
33	Chemoselective Esterification and Amidation of Carboxylic Acids with Imidazole Carbamates and Ureas. Organic Letters, 2010, 12, 4572-4575.	2.4	72
34	The Development of a Facile Tandem Wolff/Cope Rearrangement for the Synthesis of Fused Carbocyclic Skeletons. Journal of the American Chemical Society, 2003, 125, 13624-13625.	6.6	69
35	Structure, biosynthetic relationships and chemical synthesis of the icetexane diterpenoids. Natural Product Reports, 2009, 26, 1195.	5.2	69
36	Pronounced Steric Effects of Substituents in the Nazarov Cyclization of Aryl Dienyl Ketones. Angewandte Chemie - International Edition, 2008, 47, 6379-6383.	7.2	67

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37	An approach to the synthesis of dimeric resveratrol natural products via a palladium-catalyzed domino reaction. Tetrahedron Letters, 2009, 50, 1969-1972.	0.7	64
38	Methoxypyridines in the Synthesis of Lycopodium Alkaloids: Total Synthesis of (Â±)-Lycoposerramine R. Organic Letters, 2010, 12, 2551-2553.	2.4	64
39	Isolation, synthesis and bioactivity studies of phomactin terpenoids. Nature Chemistry, 2018, 10, 938-945.	6.6	64
40	Parallel Kinetic Resolution Approach to the Cyathane and Cyanthiwigin Diterpenes Using a Cyclopropanation/Cope Rearrangement. Angewandte Chemie - International Edition, 2009, 48, 2398-2402.	7.2	62
41	Site-Selective Cross-Coupling of Polyhalogenated Arenes and Heteroarenes with Identical Halogen Groups. Chemical Reviews, 2022, 122, 10126-10169.	23.0	62
42	A Unifying Synthesis Approach to the C₁₈-, C₁₉-, and C₂₀-Diterpenoid Alkaloids. Journal of the American Chemical Society, 2017, 139, 13882-13896.	6.6	61
43	Pt(II)-Catalyzed Synthesis of 1,2-Dihydropyridines from Aziridinyl Propargylic Esters. Organic Letters, 2007, 9, 2167-2170.	2.4	60
44	Pt-catalyzed cyclization/migration of propargylic alcohols for the synthesis of 3(2H)-furanones, pyrrolones, indolizines, and indolizinones. Tetrahedron, 2008, 64, 7008-7014.	1.0	59
45	Synthesis of the Tetracyclic Core of Tetrapetalone A Enabled by a Pyrrole Reductive Alkyation. Organic Letters, 2010, 12, 4560-4563.	2.4	58
46	Photomediated ring contraction of saturated heterocycles. Science, 2021, 373, 1004-1012.	6.0	58
47	Total Synthesis of Alkaloid (Â±)-G. B. 13 Using a Rh(I)-Catalyzed Ketone Hydroarylation and Late-Stage Pyridine Reduction. Journal of the American Chemical Society, 2009, 131, 13244-13245.	6.6	57
48	Dual BrÃ¸nsted Acid/Nucleophilic Activation of Carbonylimidazole Derivatives. Organic Letters, 2012, 14, 1970-1973.	2.4	57
49	Function and Structure of MalA/MalAâ€², Iterative Halogenases for Late-Stage Câ€“H Functionalization of Indole Alkaloids. Journal of the American Chemical Society, 2017, 139, 12060-12068.	6.6	56
50	Proticâ€Solventâ€Mediated Cycloisomerization of Quinoline and Isoquinoline Propargylic Alcohols: Syntheses of (Â±)â€3â€Demethoxyerythratidinone and (Â±)â€Cocculidine. Angewandte Chemie - International Edition, 2013, 52, 11129-11133.	7.2	54
51	Calyciphylline B-Type Alkaloids: Total Syntheses of (â^')-Daphlongamine H and (â^')-Isodaphlongamine H. Journal of the American Chemical Society, 2019, 141, 8431-8435.	6.6	54
52	A divergent approach to the synthesis of the yohimbinoid alkaloids venenatine and alstovenine. Nature Chemistry, 2013, 5, 126-131.	6.6	53
53	A Benzyne Insertion Approach to Hetisine-Type Diterpenoid Alkaloids: Synthesis of Cossonidine (Davisine). Journal of the American Chemical Society, 2018, 140, 8105-8109.	6.6	53
54	Total Synthesis of the Cephalotaxus Norditerpenoids (Â±)-Cephanolides Aâ€“D. Journal of the American Chemical Society, 2021, 143, 2710-2715.	6.6	53

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55	Synthetic Studies on Pseudoâ€Dimeric Lycopodium Alkaloids: Total Synthesis of Complanadineâ€…B. Angewandte Chemie - International Edition, 2013, 52, 1726-1730.	7.2	52
56	Chemoselective Nâ€Acylation of Indoles and Oxazolidinones with Carbonylazoles. Angewandte Chemie - International Edition, 2012, 51, 8304-8308.	7.2	51
57	Synthetic strategies toward hetidine and hetisine-type diterpenoid alkaloids. Organic and Biomolecular Chemistry, 2014, 12, 1846.	1.5	50
58	Total Synthesis of (â^')-Xishacorene B from (R)-Carvone Using a Câ€“C Activation Strategy. Journal of the American Chemical Society, 2018, 140, 9810-9813.	6.6	50
59	Formal total synthesis of (Â±)-cortistatin A. Tetrahedron, 2010, 66, 4696-4700.	1.0	49
60	Synthetic Strategies Directed Towards the Cortistatin Family of Natural Products. European Journal of Organic Chemistry, 2010, 2010, 3553-3567.	1.2	49
61	Reconciling Icetexane Biosynthetic Connections with Their Chemical Synthesis:Â Total Synthesis of (Â±)-5,6-Dihydro-6Î±-hydroxysalviasperanol, (Â±)-Brussonol, and (Â±)-Abrotanone. Organic Letters, 2007, 9, 2705-2708.	2.4	47
62	Gallium(III)â€Catalyzed Cycloisomerization Approach to the Diterpenoid Alkaloids: Construction of the Core Structure for the Hetidines and Hetisines. Angewandte Chemie - International Edition, 2013, 52, 4854-4857.	7.2	47
63	Syntheses of Denudatine Diterpenoid Alkaloids: Cochlearenine, N-Ethyl-1Î±-hydroxy-17-veratroyldictyzine, and Paniculamine. Journal of the American Chemical Society, 2016, 138, 10830-10833.	6.6	47
64	Ga(III)-Catalyzed Cycloisomerization Approach to (Â±)-Icetexone and (Â±)-epi-Icetexone. Organic Letters, 2010, 12, 1428-1431.	2.4	46
65	Synthetic Studies toward Lapidilectine-Type Kopsia Alkaloids. Organic Letters, 2012, 14, 648-651.	2.4	44
66	Câ€“C Cleavage Approach to Câ€“H Functionalization of Saturated Aza-Cycles. ACS Catalysis, 2020, 10, 2929-2941.	5.5	43
67	Synthetic Efforts toward the Lycopodium Alkaloids Inspires a Hydrogen Iodide Mediated Method for the Hydroamination and Hydroetherification of Olefins. Chemistry - A European Journal, 2015, 21, 4377-4383.	1.7	42
68	Unified approach to prenylated indole alkaloids: total syntheses of (â^')-17-hydroxy-citrinalin B, (+)-stephacidin A, and (+)-notoamide I. Chemical Science, 2015, 6, 5048-5052.	3.7	41
69	Tungsten-Catalyzed Heterocycloisomerization Approach to 4,5-Dihydro-benzo[b]furans and -indoles. Journal of the American Chemical Society, 2012, 134, 9946-9949.	6.6	40
70	Application of a Palladiumâ€Catalyzed Câ^'H Functionalization/Indolization Method to Syntheses of cisâ€Trikentrinâ€…A and Herbindoleâ€…B. Angewandte Chemie - International Edition, 2016, 55, 11824-11828.	7.2	40
71	Total Synthesis of the Diterpenoid Alkaloid Arcutinidine Using a Strategy Inspired by Chemical Network Analysis. Journal of the American Chemical Society, 2019, 141, 13713-13717.	6.6	40
72	Intramolecular C(sp³)ï£¿N Coupling by Oxidation of Benzylic C,Nâ€Dianions. Angewandte Chemie - International Edition, 2013, 52, 2194-2197.	7.2	38

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73	Indolizinones as synthetic scaffolds: fundamental reactivity and the relay of stereochemical information. Organic and Biomolecular Chemistry, 2012, 10, 70-78.	1.5	37
74	Total Synthesis of Pentacyclic (â˜)-Ambiguine P Using Sequential Indole Functionalizations. Journal of the American Chemical Society, 2019, 141, 2233-2237.	6.6	37
75	One-pot Unsymmetrical Ketone Synthesis Employing a Pyrrole-Bearing Formal Carbonyl Dication Linchpin Reagent. Angewandte Chemie - International Edition, 2015, 54, 9839-9843.	7.2	36
76	Câ€“H/Câ€“C Functionalization Approach to N-Fused Heterocycles from Saturated Azacycles. Journal of the American Chemical Society, 2020, 142, 13041-13050.	6.6	36
77	Total synthesis of nine longiborneol sesquiterpenoids using a functionalized camphor strategy. Nature Chemistry, 2022, 14, 450-456.	6.6	36
78	Construction of Enantiopure Taxoid and Natural Product-like Scaffolds Using a Câ€“C Bond Cleavage/Arylation Reaction. Organic Letters, 2015, 17, 5432-5435.	2.4	35
79	Understanding Regiodivergence in a Pd(II)-Mediated Site-Selective Câ€“H Alkynylation. ACS Catalysis, 2018, 8, 4516-4527.	5.5	35
80	Studies on C₂₀-Diterpenoid Alkaloids: Synthesis of the Hetidine Framework and Its Application to the Synthesis of Dihydronavirine and the Atisine Skeleton. Journal of Organic Chemistry, 2014, 79, 6783-6800.	1.7	34
81	Calyciphylline B-type Alkaloids: Evolution of a Synthetic Strategy to (â˜)-Daphlongamine H. Journal of Organic Chemistry, 2019, 84, 14069-14091.	1.7	34
82	Remarkable facilitation of hetero-cycloisomerizations with water and other polar protic solvents: metal-free synthesis of indolizines. Green Chemistry, 2010, 12, 1556.	4.6	33
83	Total Synthesis of Terpenoids Employing a â€œBenzannulation of Carvoneâ€•Strategy: Synthesis of (â˜)-Crotogoudin. Journal of the American Chemical Society, 2017, 139, 11349-11352.	6.6	32
84	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	5.3	32
85	Synthesis of the Tetracyclic Core of the Neomangicols Using a Late-Stage Indene Alkylation. Organic Letters, 2009, 11, 3128-3131.	2.4	31
86	Bioinspired chemical synthesis of monomeric and dimeric stephacidin A congeners. Nature Chemistry, 2018, 10, 38-44.	6.6	31
87	Chichibabin-Type Direct Alkylation of Pyridyl Alcohols with Alkyl Lithium Reagents. Organic Letters, 2012, 14, 5400-5403.	2.4	30
88	Direct Access to Functionalized Azepanes by Cross-Coupling with Î±-Halo Eneformamides. Organic Letters, 2014, 16, 916-919.	2.4	30
89	Experimental Characterization and Computational Study of Unique C,N-Chelated Lithium Dianions. Journal of the American Chemical Society, 2010, 132, 13212-13213.	6.6	28
90	Retrosynthetic strategies and their impact on synthesis of arcutane natural products. Chemical Science, 2020, 11, 7538-7552.	3.7	28

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91	Câ€“C Bond Cleavage of Î±-Pinene Derivatives Prepared from Carvone as a General Strategy for Complex Molecule Synthesis. Accounts of Chemical Research, 2022, 55, 746-758.	7.6	28
92	Câ€“C Bond Cleavage Approach to Complex Terpenoids: Development of a Unified Total Synthesis of the Phomactins. Journal of the American Chemical Society, 2020, 142, 15536-15547.	6.6	27
93	A Short Synthesis of Delavatine A Unveils New Insights into Site-Selective Cross-Coupling of 3,5-Dibromo-2-pyrone. Journal of the American Chemical Society, 2019, 141, 2652-2660.	6.6	26
94	Atropurpuranâ€”missing biosynthetic link leading to the hetidine and arcutine C 20 -diterpenoid alkaloids or an oxidative degradation product?. Tetrahedron Letters, 2015, 56, 3600-3603.	0.7	25
95	Oxidative cyclization of prodigiosin by an alkylglycerol monooxygenase-like enzyme. Nature Chemical Biology, 2017, 13, 1155-1157.	3.9	25
96	A Unified Strategy for the Enantiospecific Total Synthesis of Delavatine A and Formal Synthesis of Incarviatone A. Journal of the American Chemical Society, 2019, 141, 14421-14432.	6.6	25
97	Treating a Global Health Crisis with a Dose of Synthetic Chemistry. ACS Central Science, 2020, 6, 1017-1030.	5.3	25
98	On the reactivity of imidazole carbamates and ureas and their use as esterification and amidation reagents. Tetrahedron, 2011, 67, 8851-8859.	1.0	24
99	A Case for Bondâ€Network Analysis in the Synthesis of Bridged Polycyclic Complex Molecules: Hetidine and Hetisine Diterpenoid Alkaloids. Angewandte Chemie - International Edition, 2020, 59, 10722-10731.	7.2	24
100	Direct Methoxypyridine Functionalization Approach to Magellanine-TypeLycopodiumAlkaloids. Organic Letters, 2012, 14, 632-635.	2.4	23
101	Rearrangement of Hydroxylated Pinene Derivatives to Fenchone-Type Frameworks: Computational Evidence for Dynamically-Controlled Selectivity. Journal of the American Chemical Society, 2018, 140, 9291-9298.	6.6	22
102	Ãœbergangsmetallvermittelte Spaltung von Câ€Câ€Einfachbindungen. Angewandte Chemie, 2020, 132, 19058-19080.	1.6	22
103	Bioinspired Diversification Approach Toward the Total Synthesis of Lycodine-Type Alkaloids. Journal of the American Chemical Society, 2021, 143, 4732-4740.	6.6	22
104	Total Syntheses of Xiamycinsâ€…A, C, F, H and Oridamycinâ€…A and Preliminary Evaluation of their Antiâ€Fungal Properties. Angewandte Chemie - International Edition, 2019, 58, 15304-15308.	7.2	21
105	Substituent Effects and Nearly Degenerate Transition States:Â Rational Design of Substrates for the Tandem Wolffâ^'Cope Reaction. Journal of the American Chemical Society, 2004, 126, 24-25.	6.6	20
106	Rh(i)-catalyzed enantioselective intramolecular hydroarylation of unactivated ketones with aryl pinacolboronic esters. Chemical Science, 2012, 3, 1338.	3.7	20
107	Synthetic studies on the icetexones: enantioselective formal syntheses of icetexone and epi-icetexone. Tetrahedron, 2013, 69, 5665-5676.	1.0	20
108	Reactivity and Selectivity Controlling Factors in the Pd/Dialkylbiarylphosphine-Catalyzed Câ€“C Cleavage/Cross-Coupling of an N-Fused Bicyclo Î±-Hydroxy-Î²-Lactam. Journal of the American Chemical Society, 2020, 142, 21140-21152.	6.6	20

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109	Key Mechanistic Features of the Silver(I)-Mediated Deconstructive Fluorination of Cyclic Amines: Multistate Reactivity versus Single-Electron Transfer. Journal of the American Chemical Society, 2021, 143, 3889-3900.	6.6	20
110	Cyanoamidine Cyclization Approach to Remdesivirâ€™s Nucleobase. Organic Letters, 2020, 22, 8430-8435.	2.4	19
111	Development of an Anomalous Heck Reaction:â€‰ Skeletal Rearrangement of Divinyl and Enyne Carbinols. Organic Letters, 2005, 7, 5845-5848.	2.4	18
112	Stereocontrolled synthesis of vicinally functionalized piperidines by nucleophilic Î²-addition of alkyllithiums to Î±-aryl substituted piperidine enecarbamates. Chemical Communications, 2015, 51, 7653-7656.	2.2	18
113	Charting a course for chemistry. Nature Chemistry, 2019, 11, 286-294.	6.6	18
114	Organic Chemistry: A Call to Action for Diversity and Inclusion. Journal of Organic Chemistry, 2020, 85, 10287-10292.	1.7	18
115	Surveying Ubiquitin Structure by Noncovalent Attachment of Distance Constrained Bis(crown) Ethers. Analytical Chemistry, 2008, 80, 5059-5064.	3.2	17
116	Synthesis of the Bridging Framework of Phragmalin-Type Limonoids. Organic Letters, 2012, 14, 2110-2113.	2.4	17
117	Synthesis of Cycloprodigiosin Identifies the Natural Isolate as a Scalemic Mixture. Organic Letters, 2015, 17, 3474-3477.	2.4	17
118	Generality and Strength of Transition Metal Î²-Effects. Journal of the American Chemical Society, 2018, 140, 10612-10618.	6.6	17
119	Synthetic Studies toward the Citrinadin A and B Core Architecture. Organic Letters, 2013, 15, 4952-4955.	2.4	16
120	Synthesis of the Pentacyclic Skeleton of the Indole Alkaloid Arboflorine. Organic Letters, 2012, 14, 5350-5353.	2.4	15
121	Isocanthine Synthesis via Rh(III)-Catalyzed Intramolecular Câ€“H Functionalization. Journal of Organic Chemistry, 2018, 83, 330-337.	1.7	15
122	A Late-Stage Functionalization Approach to Derivatives of the Pyrano[3,2-a]carbazole Natural Products. Journal of Organic Chemistry, 2019, 84, 5965-5973.	1.7	14
123	Mechanism of a No-Metal-Added Heterocycloisomerization of Alkynylcyclopropylhydrazones: Synthesis of Cycloheptane-Fused Aminopyrroles Facilitated by Copper Salts at Trace Loadings. Journal of the American Chemical Society, 2017, 139, 10569-10577.	6.6	13
124	Bis(1-cyanovinyl acetate) Is a Linear Precursor to 3-Oxidopyrylium Ions. Journal of Organic Chemistry, 2016, 81, 11132-11144.	1.7	12
125	A pyrone remodeling strategy to access diverse heterocycles: application to the synthesis of fascaplysin natural products. Chemical Science, 2021, 12, 1528-1534.	3.7	12
126	A Copper-Mediated Conjugate Addition Approach to Analogues of Aconitine-Type Diterpenoid Alkaloids. Journal of Organic Chemistry, 2018, 83, 12911-12920.	1.7	11

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127	Copper-Catalyzed [4+2] Cycloaddition of 9H-Cyclohepta[b]pyridine-9-one and Electron-Rich Alkenes. Journal of Organic Chemistry, 2019, 84, 8717-8723.	1.7	11
128	Application of a Palladiumâ€Catalyzed Câ^'H Functionalization/Indolization Method to Syntheses of cis â€Trikentrinâ€...A and Herbindoleâ€...B. Angewandte Chemie, 2016, 128, 12003-12007.	1.6	10
129	Synthesis of Bridged Bicyclic Amines by Intramolecular Amination of Remote Câ€“H Bonds: Synergistic Activation by Light and Heat. Organic Letters, 2020, 22, 6578-6583.	2.4	10
130	A simple synthesis and evaluation of the bicyclo[8.3.0] enediyne framework. Tetrahedron Letters, 2002, 43, 4947-4950.	0.7	9
131	S-Arachidonoyl-2-thioglycerol synthesis and use for fluorimetric and colorimetric assays of monoacylglycerol lipase. Bioorganic and Medicinal Chemistry, 2010, 18, 1942-1947.	1.4	9
132	Oxazaborinines from Vinylogous N-Allylic Amides: Reactivities of Underexplored Heterocyclic Building Blocks. Organic Letters, 2018, 20, 2649-2653.	2.4	9
133	Effect of protic additives in Cu-catalysed asymmetric Dielsâ€“Alder cycloadditions of doubly activated dienophiles: towards the synthesis of magellanine-type Lycopodium alkaloids. Chemical Communications, 2017, 53, 10291-10294.	2.2	8
134	Magnesiate Addition/Ring-Expansion Strategy To Access the 6â€“7â€“6 Tricyclic Core of Hetisine-Type C₂₀-Diterpenoid Alkaloids. Organic Letters, 2017, 19, 4632-4635.	2.4	8
135	Organic Chemistry: A Call to Action for Diversity and Inclusion. Organic Letters, 2020, 22, 6223-6228.	2.4	8
136	Hidden Symmetry Enables a 15â€Step Total Synthesis of Pactamycin. Angewandte Chemie - International Edition, 2013, 52, 10694-10696.	7.2	7
137	The Dielsâ€“Alder reactivity of 2-vinylindenes: synthesis of functionalized tetrahydrofluorenes. Tetrahedron, 2016, 72, 3635-3640.	1.0	7
138	A unified strategy to reverse-prenylated indole alkaloids: total syntheses of preparaherquamide, premalbrancheamide, and (+)-VM-55599. Chemical Science, 2020, 11, 5929-5934.	3.7	7
139	Metabolomics Reveals Minor Tambjamines in a Marine Invertebrate Food Chain. Journal of Natural Products, 2021, 84, 790-796.	1.5	7
140	Evaluation of alkene isomerization as a trigger for enediyne activation. Tetrahedron Letters, 2002, 43, 541-544.	0.7	6
141	Câ€“H Functionalization/activation in organic synthesis. Beilstein Journal of Organic Chemistry, 2016, 12, 2315-2316.	1.3	6
142	Bio-inspired synthesis of xishacorenes A, B, and C, and a new congener from fuscol. Chemical Science, 2019, 10, 7788-7791.	3.7	6
143	Enantiospecific Entry to a Common Decalin Intermediate for the Syntheses of Highly Oxygenated Terpenoids. Journal of Organic Chemistry, 2019, 84, 12209-12215.	1.7	6
144	Ein Fall fÃ¼r die Bindungsâ€Netzwerkâ€Analyse bei der Synthese verbrÃ¼ckter polycyclischer komplexer MolekÃ¼le: Hetidinâ€•und Hetisinâ€Diterpenâ€Alkaloide. Angewandte Chemie, 2020, 132, 10810-10820.	1.6	6

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145	Total Syntheses of Xiamycinsâ€…A, C, F, H and Oridamycinâ€…A and Preliminary Evaluation of their Antiâ€Fungal Properties. Angewandte Chemie, 2019, 131, 15448-15452.	1.6	5
146	Sequential Norrishâ€“Yang Cyclization and Câ€“C Cleavage/Cross-Coupling of a [4.1.0] Fused Saturated Azacycle. Journal of Organic Chemistry, 2021, 86, 12436-12442.	1.7	5
147	Rearrangements of the Chrysanthenol Core: Application to a Formal Synthesis of Xishacorene B. Journal of the American Chemical Society, 2021, 143, 20482-20490.	6.6	5
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