

Richmond Sarpong

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Computational Study of Key Mechanistic Details for a Proposed Copper (I)-Mediated Deconstructive Fluorination of N-Protected Cyclic Amines. <i>Topics in Catalysis</i> , 2022, 65, 418-432.	1.3	4
2	Site-Selective Cross-Coupling of Polyhalogenated Arenes and Heteroarenes with Identical Halogen Groups. <i>Chemical Reviews</i> , 2022, 122, 10126-10169.	23.0	62
3	Strategic elements in computer-assisted retrosynthesis: A case study of the pupukeanane natural products. <i>Tetrahedron</i> , 2022, 104, 132584.	1.0	3
4	C–C Bond Cleavage of β -Pinene Derivatives Prepared from Carvone as a General Strategy for Complex Molecule Synthesis. <i>Accounts of Chemical Research</i> , 2022, 55, 746-758.	7.6	28
5	Total synthesis of nine longiborneol sesquiterpenoids using a functionalized camphor strategy. <i>Nature Chemistry</i> , 2022, 14, 450-456.	6.6	36
6	Single-atom logic for heterocycle editing. , 2022, 1, 352-364.		104
7	A pyrone remodeling strategy to access diverse heterocycles: application to the synthesis of faspaplysin natural products. <i>Chemical Science</i> , 2021, 12, 1528-1534.	3.7	12
8	Total Synthesis of the <i>Cephalotaxus</i> Norditerpenoids (β)-Cephanolides A–D. <i>Journal of the American Chemical Society</i> , 2021, 143, 2710-2715.	6.6	53
9	Bioinspired Diversification Approach Toward the Total Synthesis of Lycodine-Type Alkaloids. <i>Journal of the American Chemical Society</i> , 2021, 143, 4732-4740.	6.6	22
10	Key Mechanistic Features of the Silver(I)-Mediated Deconstructive Fluorination of Cyclic Amines: Multistate Reactivity versus Single-Electron Transfer. <i>Journal of the American Chemical Society</i> , 2021, 143, 3889-3900.	6.6	20
11	Automation and computer-assisted planning for chemical synthesis. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	83
12	C–H activation. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	277
13	Sequential Norrish–Yang Cyclization and C–C Cleavage/Cross-Coupling of a [4.1.0] Fused Saturated Azacycle. <i>Journal of Organic Chemistry</i> , 2021, 86, 12436-12442.	1.7	5
14	Photomediated ring contraction of saturated heterocycles. <i>Science</i> , 2021, 373, 1004-1012.	6.0	58
15	Metabolomics Reveals Minor Tambjamins in a Marine Invertebrate Food Chain. <i>Journal of Natural Products</i> , 2021, 84, 790-796.	1.5	7
16	Rearrangements of the Chrysanthanol Core: Application to a Formal Synthesis of Xishacorene B. <i>Journal of the American Chemical Society</i> , 2021, 143, 20482-20490.	6.6	5
17	Ein Fall für die Bindungsnetzwerk-Analyse bei der Synthese verbrückter polycyclischer komplexer Moleküle: Hetidin- und Hetisin-Diterpen-Alkaloide. <i>Angewandte Chemie</i> , 2020, 132, 10810-10820.	1.6	6
18	A Case for Bond Network Analysis in the Synthesis of Bridged Polycyclic Complex Molecules: Hetidine and Hetsine Diterpenoid Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10722-10731.	7.2	24

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19	Cyanoamidine Cyclization Approach to Remdesivir's Nucleobase. <i>Organic Letters</i> , 2020, 22, 8430-8435.	2.4	19
20	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>Journal of Organic Chemistry</i> , 2020, 85, 10287-10292.	1.7	18
21	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>Organic Letters</i> , 2020, 22, 6223-6228.	2.4	8
22	Synthesis of Bridged Bicyclic Amines by Intramolecular Amination of Remote C-H Bonds: Synergistic Activation by Light and Heat. <i>Organic Letters</i> , 2020, 22, 6578-6583.	2.4	10
23	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>ACS Central Science</i> , 2020, 6, 1241-1247.	5.3	1
24	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>Organometallics</i> , 2020, 39, 2931-2936.	1.1	3
25	C-C Bond Cleavage Approach to Complex Terpenoids: Development of a Unified Total Synthesis of the Phomactins. <i>Journal of the American Chemical Society</i> , 2020, 142, 15536-15547.	6.6	27
26	Reactivity and Selectivity Controlling Factors in the Pd/Dialkylbiarylphosphine-Catalyzed C-Cleavage/Cross-Coupling of an N-Fused Bicyclo[1.1.0]butane-2-Hydroxy-1,2-Lactam. <i>Journal of the American Chemical Society</i> , 2020, 142, 21140-21152.	6.6	20
27	A unified strategy to reverse-prenylated indole alkaloids: total syntheses of preparaherquamide, premalbrancheamide, and (+)-VM-55599. <i>Chemical Science</i> , 2020, 11, 5929-5934.	3.7	7
28	Treating a Global Health Crisis with a Dose of Synthetic Chemistry. <i>ACS Central Science</i> , 2020, 6, 1017-1030.	5.3	25
29	C-H/C-C Functionalization Approach to N-Fused Heterocycles from Saturated Azacycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 13041-13050.	6.6	36
30	Äbergangsmetallvermittelte Spaltung von C-C-Einfachbindungen. <i>Angewandte Chemie</i> , 2020, 132, 19058-19080.	1.6	22
31	C-Cleavage Approach to C-H Functionalization of Saturated Aza-Cycles. <i>ACS Catalysis</i> , 2020, 10, 2929-2941.	5.5	43
32	Transition Metal-Mediated C Single Bond Cleavage: Making the Cut in Total Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18898-18919.	7.2	100
33	Retrosynthetic strategies and their impact on synthesis of arcutane natural products. <i>Chemical Science</i> , 2020, 11, 7538-7552.	3.7	28
34	Total Syntheses of Xiamycins A, C, F, H and Oridamycin A and Preliminary Evaluation of their Anti-Fungal Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15304-15308.	7.2	21
35	A Unified Strategy for the Enantiospecific Total Synthesis of Delavatine A and Formal Synthesis of Incarviate A. <i>Journal of the American Chemical Society</i> , 2019, 141, 14421-14432.	6.6	25
36	Bio-inspired synthesis of xishacorenes A, B, and C, and a new congener from fuscol. <i>Chemical Science</i> , 2019, 10, 7788-7791.	3.7	6

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37	Total Synthesis of the Diterpenoid Alkaloid Arcutinidine Using a Strategy Inspired by Chemical Network Analysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 13713-13717.	6.6	40
38	Total Syntheses of Xiamycins A, C, F, H and Oridamycin A and Preliminary Evaluation of their Antifungal Properties. <i>Angewandte Chemie</i> , 2019, 131, 15448-15452.	1.6	5
39	Enantiospecific Entry to a Common Decalin Intermediate for the Syntheses of Highly Oxygenated Terpenoids. <i>Journal of Organic Chemistry</i> , 2019, 84, 12209-12215.	1.7	6
40	Calyciphylline B-type Alkaloids: Evolution of a Synthetic Strategy to (-)-Daphlongamine H. <i>Journal of Organic Chemistry</i> , 2019, 84, 14069-14091.	1.7	34
41	Total Synthesis of Pentacyclic (-)-Ambiguine P Using Sequential Indole Functionalizations. <i>Journal of the American Chemical Society</i> , 2019, 141, 2233-2237.	6.6	37
42	Copper-Catalyzed [4+2] Cycloaddition of 9-H-Cyclohepta[b]pyridine-9-one and Electron-Rich Alkenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 8717-8723.	1.7	11
43	Calyciphylline B-Type Alkaloids: Total Syntheses of (-)-Daphlongamine H and (-)-Isodaphlongamine H. <i>Journal of the American Chemical Society</i> , 2019, 141, 8431-8435.	6.6	54
44	Charting a course for chemistry. <i>Nature Chemistry</i> , 2019, 11, 286-294.	6.6	18
45	A Late-Stage Functionalization Approach to Derivatives of the Pyrano[3,2-a]carbazole Natural Products. <i>Journal of Organic Chemistry</i> , 2019, 84, 5965-5973.	1.7	14
46	A Short Synthesis of Delavatine A Unveils New Insights into Site-Selective Cross-Coupling of 3,5-Dibromo-2-pyrone. <i>Journal of the American Chemical Society</i> , 2019, 141, 2652-2660.	6.6	26
47	Oxazaborinines from Vinylogous N-Allylic Amides: Reactivities of Underexplored Heterocyclic Building Blocks. <i>Organic Letters</i> , 2018, 20, 2649-2653.	2.4	9
48	Understanding Regiodivergence in a Pd(II)-Mediated Site-Selective C-H Alkynylation. <i>ACS Catalysis</i> , 2018, 8, 4516-4527.	5.5	35
49	Bioinspired chemical synthesis of monomeric and dimeric stephacidin A congeners. <i>Nature Chemistry</i> , 2018, 10, 38-44.	6.6	31
50	Isocanthine Synthesis via Rh(III)-Catalyzed Intramolecular C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2018, 83, 330-337.	1.7	15
51	Deconstructive diversification of cyclic amines. <i>Nature</i> , 2018, 564, 244-248.	13.7	147
52	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	5.3	32
53	A Copper-Mediated Conjugate Addition Approach to Analogues of Aconitine-Type Diterpenoid Alkaloids. <i>Journal of Organic Chemistry</i> , 2018, 83, 12911-12920.	1.7	11
54	Rearrangement of Hydroxylated Pinene Derivatives to Fenchone-Type Frameworks: Computational Evidence for Dynamically-Controlled Selectivity. <i>Journal of the American Chemical Society</i> , 2018, 140, 9291-9298.	6.6	22

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55	Isolation, synthesis and bioactivity studies of phomactin terpenoids. <i>Nature Chemistry</i> , 2018, 10, 938-945.	6.6	64
56	Generality and Strength of Transition Metal $\hat{\text{I}}^2$ -Effects. <i>Journal of the American Chemical Society</i> , 2018, 140, 10612-10618.	6.6	17
57	Deconstructive fluorination of cyclic amines by carbon-carbon cleavage. <i>Science</i> , 2018, 361, 171-174.	6.0	160
58	Total Synthesis of ($\hat{\text{a}}^{\sim}$)-Xishacorene B from (<i>cis</i>)-Carvone Using a C $\hat{\text{C}}$ Activation Strategy. <i>Journal of the American Chemical Society</i> , 2018, 140, 9810-9813.	6.6	50
59	A Benzyne Insertion Approach to Hetsisine-Type Diterpenoid Alkaloids: Synthesis of Cossonidine (Davisine). <i>Journal of the American Chemical Society</i> , 2018, 140, 8105-8109.	6.6	53
60	$\hat{\text{I}}^2$ -Carboline Amides as Intrinsic Directing Groups for C(sp ²) $\hat{\text{C}}$ -H Functionalization. <i>Journal of the American Chemical Society</i> , 2017, 139, 1325-1329.	6.6	90
61	Effect of protic additives in Cu-catalysed asymmetric Diels $\hat{\text{A}}$ lder cycloadditions of doubly activated dienophiles: towards the synthesis of magellanine-type Lycopodium alkaloids. <i>Chemical Communications</i> , 2017, 53, 10291-10294.	2.2	8
62	A Unifying Synthesis Approach to the C ₁₈ -, C ₁₉ -, and C ₂₀ -Diterpenoid Alkaloids. <i>Journal of the American Chemical Society</i> , 2017, 139, 13882-13896.	6.6	61
63	Oxidative cyclization of prodigiosin by an alkylglycerol monooxygenase-like enzyme. <i>Nature Chemical Biology</i> , 2017, 13, 1155-1157.	3.9	25
64	Total Synthesis of Terpenoids Employing a $\hat{\text{C}}$ Benzannulation of Carvone $\hat{\text{C}}$ -Strategy: Synthesis of ($\hat{\text{a}}^{\sim}$)-Crotogoudin. <i>Journal of the American Chemical Society</i> , 2017, 139, 11349-11352.	6.6	32
65	Function and Structure of MalA/MalA $\hat{\text{C}}$, Iterative Halogenases for Late-Stage C $\hat{\text{H}}$ Functionalization of Indole Alkaloids. <i>Journal of the American Chemical Society</i> , 2017, 139, 12060-12068.	6.6	56
66	Magnesiato Addition/Ring-Expansion Strategy To Access the 6 $\hat{\text{C}}$ 7 $\hat{\text{C}}$ 6 Tricyclic Core of Hetsisine-Type C ₂₀ -Diterpenoid Alkaloids. <i>Organic Letters</i> , 2017, 19, 4632-4635.	2.4	8
67	Mechanism of a No-Metal-Added Heterocycloisomerization of Alkynylcyclopropylhydrazones: Synthesis of Cycloheptane-Fused Aminopyrroles Facilitated by Copper Salts at Trace Loadings. <i>Journal of the American Chemical Society</i> , 2017, 139, 10569-10577.	6.6	13
68	C $\hat{\text{H}}$ Functionalization/activation in organic synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2315-2316.	1.3	6
69	Application of a Palladium $\hat{\text{C}}$ Catalyzed C $\hat{\text{H}}$ Functionalization/Indolization Method to Syntheses of <i>cis</i> - $\hat{\text{T}}$ rikentrin $\hat{\text{A}}$...A and Herbindole $\hat{\text{B}}$...B. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11824-11828.	7.2	40
70	Application of a Palladium $\hat{\text{C}}$ Catalyzed C $\hat{\text{H}}$ Functionalization/Indolization Method to Syntheses of <i>cis</i> - $\hat{\text{T}}$ rikentrin $\hat{\text{A}}$...A and Herbindole $\hat{\text{B}}$...B. <i>Angewandte Chemie</i> , 2016, 128, 12003-12007.	1.6	10
71	Syntheses of Denudatine Diterpenoid Alkaloids: Cochlearenine, (<i>cis</i>)-N-Ethyl-1 $\hat{\text{I}}$ -hydroxy-17-veratrolydictyzine, and Paniculamine. <i>Journal of the American Chemical Society</i> , 2016, 138, 10830-10833.	6.6	47
72	Bis(1-cyanovinyl acetate) Is a Linear Precursor to 3-Oxidopyrylium Ions. <i>Journal of Organic Chemistry</i> , 2016, 81, 11132-11144.	1.7	12

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73	The Diels-Alder reactivity of 2-vinylindenes: synthesis of functionalized tetrahydrofluorenes. <i>Tetrahedron</i> , 2016, 72, 3635-3640.	1.0	7
74	One-pot Unsymmetrical Ketone Synthesis Employing a Pyrrole-Bearing Formal Carbonyl Dication Linchpin Reagent. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9839-9843.	7.2	36
75	Synthetic Efforts toward the <i>Lycopodium</i> Alkaloids Inspires a Hydrogen Iodide Mediated Method for the Hydroamination and Hydroetherification of Olefins. <i>Chemistry - A European Journal</i> , 2015, 21, 4377-4383.	1.7	42
76	Synthesis of Cycloprodigosin Identifies the Natural Isolate as a Scalemic Mixture. <i>Organic Letters</i> , 2015, 17, 3474-3477.	2.4	17
77	Unified approach to prenylated indole alkaloids: total syntheses of (-)-17-hydroxy-citrinalin B, (+)-stephacidin A, and (+)-notoamide I. <i>Chemical Science</i> , 2015, 6, 5048-5052.	3.7	41
78	Stereodivergent Intramolecular C(sp ³)-H Functionalization of Azavinyl Carbenes: Synthesis of Saturated Heterocycles and Fused N-Heterocycles. <i>Journal of the American Chemical Society</i> , 2015, 137, 8368-8371.	6.6	115
79	Selective C and C-H Bond Activation/Cleavage of Pinene Derivatives: Synthesis of Enantiopure Cyclohexenone Scaffolds and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2015, 137, 6327-6334.	6.6	88
80	Stereocontrolled synthesis of vicinally functionalized piperidines by nucleophilic \hat{I}^2 -addition of alkylolithiums to \hat{I}^{\pm} -aryl substituted piperidine enecarbamates. <i>Chemical Communications</i> , 2015, 51, 7653-7656.	2.2	18
81	Atropurpura "missing biosynthetic link leading to the hetidine and arcutine C 20-diterpenoid alkaloids or an oxidative degradation product?. <i>Tetrahedron Letters</i> , 2015, 56, 3600-3603.	0.7	25
82	Construction of Enantiopure Taxoid and Natural Product-like Scaffolds Using a C-C Bond Cleavage/Arylation Reaction. <i>Organic Letters</i> , 2015, 17, 5432-5435.	2.4	35
83	Toward a Symphony of Reactivity: Cascades Involving Catalysis and Sigmatropic Rearrangements. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2556-2591.	7.2	202
84	Total synthesis and isolation of citrinalin and cyclopiamine congeners. <i>Nature</i> , 2014, 509, 318-324.	13.7	140
85	Heathcock-Inspired Strategies for the Synthesis of Fawcettimine-Type <i>Lycopodium</i> Alkaloids. <i>Chemistry - A European Journal</i> , 2014, 20, 42-56.	1.7	78
86	Expedient Synthesis of Fused Azepine Derivatives Using a Sequential Rhodium(II)-Catalyzed Cyclopropanation/1,5-Aza-Cope Rearrangement of Dienyltriazaoles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9904-9908.	7.2	136
87	Synthetic strategies toward hetidine and hetisine-type diterpenoid alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1846.	1.5	50
88	Direct Access to Functionalized Azepanes by Cross-Coupling with \hat{I}^{\pm} -Halo Eneformamides. <i>Organic Letters</i> , 2014, 16, 916-919.	2.4	30
89	Studies on C ₂₀ -Diterpenoid Alkaloids: Synthesis of the Hetidine Framework and Its Application to the Synthesis of Dihydronavirine and the Atisine Skeleton. <i>Journal of Organic Chemistry</i> , 2014, 79, 6783-6800.	1.7	34
90	Intramolecular C(sp ³)-H amination. <i>Chemical Science</i> , 2013, 4, 4092.	3.7	303

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91	Hidden Symmetry Enables a 15-Step Total Synthesis of Pactamycin. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10694-10696.	7.2	7
92	Protic-Solvent-Mediated Cycloisomerization of Quinoline and Isoquinoline Propargylic Alcohols: Syntheses of (±)-3-Demethoxyerythratidinone and (±)-Cocculidine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11129-11133.	7.2	54
93	New GABA/Glutamate Receptor Target for [³ H]Isoxazoline Insecticide. <i>Chemical Research in Toxicology</i> , 2013, 26, 514-516.	1.7	81
94	Synthetic Studies toward the Citrinadin A and B Core Architecture. <i>Organic Letters</i> , 2013, 15, 4952-4955.	2.4	16
95	Synthetic Studies on Pseudo-Dimeric Lycopodium Alkaloids: Total Synthesis of Compladine...B. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1726-1730.	7.2	52
96	Intramolecular C(sp ³)–N Coupling by Oxidation of Benzylic C,N-Dianions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2194-2197.	7.2	38
97	A divergent approach to the synthesis of the yohimbinoïd alkaloids venenatine and alstovenine. <i>Nature Chemistry</i> , 2013, 5, 126-131.	6.6	53
98	Gallium(III)-Catalyzed Cycloisomerization Approach to the Diterpenoid Alkaloids: Construction of the Core Structure for the Hetidines and Hetisines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4854-4857.	7.2	47
99	Application of In Situ-Generated Rh-Bound Trimethylenemethane Variants to the Synthesis of 3,4-Fused Pyrroles. <i>Journal of the American Chemical Society</i> , 2013, 135, 4696-4699.	6.6	187
100	Synthetic studies on the icetexones: enantioselective formal syntheses of icetexone and epi-icetexone. <i>Tetrahedron</i> , 2013, 69, 5665-5676.	1.0	20
101	Synthesis of the Lycopodium Alkaloid Lyconadin A. <i>Strategies and Tactics in Organic Synthesis</i> , 2012, 8, 291-315.	0.1	0
102	Indolizinones as synthetic scaffolds: fundamental reactivity and the relay of stereochemical information. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 70-78.	1.5	37
103	Synthesis of the Pentacyclic Skeleton of the Indole Alkaloid Arboflorine. <i>Organic Letters</i> , 2012, 14, 5350-5353.	2.4	15
104	Direct Methoxypyridine Functionalization Approach to Magellanine-Type Lycopodium Alkaloids. <i>Organic Letters</i> , 2012, 14, 632-635.	2.4	23
105	Tungsten-Catalyzed Heterocycloisomerization Approach to 4,5-Dihydro-benzo[<i>b</i>]furans and -indoles. <i>Journal of the American Chemical Society</i> , 2012, 134, 9946-9949.	6.6	40
106	Synthesis of the Bridging Framework of Phragmalin-Type Limonoids. <i>Organic Letters</i> , 2012, 14, 2110-2113.	2.4	17
107	Insect Ryanodine Receptor: Distinct but Coupled Insecticide Binding Sites for [³ H]-Chlorantraniliprole, Flubendiamide, and [³ H]Ryanodine. <i>Chemical Research in Toxicology</i> , 2012, 25, 1571-1573.	1.7	77
108	Chichibabin-Type Direct Alkylation of Pyridyl Alcohols with Alkyl Lithium Reagents. <i>Organic Letters</i> , 2012, 14, 5400-5403.	2.4	30

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109	Synthetic Studies toward Lapidilectine-Type <i>Kopsia</i> Alkaloids. <i>Organic Letters</i> , 2012, 14, 648-651.	2.4	44
110	Rh(i)-catalyzed enantioselective intramolecular hydroarylation of unactivated ketones with aryl pinacolboronic esters. <i>Chemical Science</i> , 2012, 3, 1338.	3.7	20
111	Chemoselective N-acylation of Indoles and Oxazolidinones with Carbonylazoles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8304-8308.	7.2	51
112	Dual Brønsted Acid/Nucleophilic Activation of Carbonylimidazole Derivatives. <i>Organic Letters</i> , 2012, 14, 1970-1973.	2.4	57
113	Divergent reactions on racemic mixtures. <i>Chemical Society Reviews</i> , 2011, 40, 4550.	18.7	137
114	On the reactivity of imidazole carbamates and ureas and their use as esterification and amidation reagents. <i>Tetrahedron</i> , 2011, 67, 8851-8859.	1.0	24
115	Remarkable facilitation of hetero-cycloisomerizations with water and other polar protic solvents: metal-free synthesis of indolizines. <i>Green Chemistry</i> , 2010, 12, 1556.	4.6	33
116	Formal total synthesis of (±)-cortistatin A. <i>Tetrahedron</i> , 2010, 66, 4696-4700.	1.0	49
117	Synthetic Strategies Directed Towards the Cortistatin Family of Natural Products. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3553-3567.	1.2	49
118	S-Arachidonoyl-2-thioglycerol synthesis and use for fluorimetric and colorimetric assays of monoacylglycerol lipase. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1942-1947.	1.4	9
119	Clearing the way to cortistatins. <i>Nature Chemistry</i> , 2010, 2, 803-804.	6.6	2
120	Neonicotinoid insecticides induce salicylate-associated plant defense responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17527-17532.	3.3	163
121	Chemoselective Esterification and Amidation of Carboxylic Acids with Imidazole Carbamates and Ureas. <i>Organic Letters</i> , 2010, 12, 4572-4575.	2.4	72
122	Synthesis of the Tetracyclic Core of Tetrapetalone A Enabled by a Pyrrole Reductive Alkylation. <i>Organic Letters</i> , 2010, 12, 4560-4563.	2.4	58
123	Methoxypyridines in the Synthesis of <i>Lycopodium</i> Alkaloids: Total Synthesis of (±)-Lycoposerramine R. <i>Organic Letters</i> , 2010, 12, 2551-2553.	2.4	64
124	Total Synthesis of (+)-Complanadine A Using an Iridium-Catalyzed Pyridine C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2010, 132, 5926-5927.	6.6	217
125	Ga(III)-Catalyzed Cycloisomerization Approach to (±)-Icetexone and (±)-epi-Icetexone. <i>Organic Letters</i> , 2010, 12, 1428-1431.	2.4	46
126	Catalyst-Controlled Formal [4 + 3] Cycloaddition Applied to the Total Synthesis of (+)-Barekoxide and (±)-Barekol. <i>Journal of the American Chemical Society</i> , 2010, 132, 12422-12425.	6.6	100

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127	Experimental Characterization and Computational Study of Unique C,N-Chelated Lithium Dianions. <i>Journal of the American Chemical Society</i> , 2010, 132, 13212-13213.	6.6	28
128	Total Synthesis of Alkaloid (±)-C. B. 13 Using a Rh(I)-Catalyzed Ketone Hydroarylation and Late-Stage Pyridine Reduction. <i>Journal of the American Chemical Society</i> , 2009, 131, 13244-13245.	6.6	57
129	Parallel Kinetic Resolution Approach to the Cyathane and Cyanthiwigin Diterpenes Using a Cyclopropanation/Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2398-2402.	7.2	62
130	An approach to the synthesis of dimeric resveratrol natural products via a palladium-catalyzed domino reaction. <i>Tetrahedron Letters</i> , 2009, 50, 1969-1972.	0.7	64
131	Structure, biosynthetic relationships and chemical synthesis of the icetexane diterpenoids. <i>Natural Product Reports</i> , 2009, 26, 1195.	5.2	69
132	Total Synthesis of (+)-Lyconadin A and Related Compounds via Oxidative C-N Bond Formation. <i>Journal of the American Chemical Society</i> , 2009, 131, 11187-11194.	6.6	87
133	Concise Synthesis of Pauciflorol F Using a Larock Annulation. <i>Organic Letters</i> , 2009, 11, 5450-5453.	2.4	124
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