

# Jeffrey W Bode

## List of Publications by Year in descending order

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221  
papers

17,392  
citations

14614

66  
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16127

124  
g-index

316  
all docs

316  
docs citations

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times ranked

8749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rethinking amide bond synthesis. <i>Nature</i> , 2011, 480, 471-479.	13.7	1,637
2	N-Heterocyclic Carbene-Catalyzed Generation of Homo-enolates: $\beta$ -Butyrolactones by Direct Annulations of Enals and Aldehydes. <i>Journal of the American Chemical Society</i> , 2004, 126, 14370-14371.	6.6	676
3	On the Mechanism of N-Heterocyclic Carbene-Catalyzed Reactions Involving Acyl Azoliums. <i>Accounts of Chemical Research</i> , 2014, 47, 696-707.	7.6	611
4	Highly Enantioselective Azadiene Diels-Alder Reactions Catalyzed by Chiral N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 8418-8420.	6.6	544
5	Catalytic Selective Synthesis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10954-10990.	7.2	401
6	Chemoselective Amide Ligations by Decarboxylative Condensations of N-Alkylhydroxylamines and $\alpha$ -Ketoacids. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1248-1252.	7.2	366
7	N-Heterocyclic Carbene-Catalyzed Redox Amidations of $\alpha$ -Functionalized Aldehydes with Amines. <i>Journal of the American Chemical Society</i> , 2007, 129, 13798-13799.	6.6	337
8	Chiral N-Heterocyclic Carbene Catalyzed, Enantioselective Oxadiene Diels-Alder Reactions with Low Catalyst Loadings. <i>Journal of the American Chemical Society</i> , 2006, 128, 15088-15089.	6.6	324
9	An Enantioselective Claisen Rearrangement Catalyzed by N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 8810-8812.	6.6	320
10	Catalytic Generation of Activated Carboxylates: Direct, Stereoselective Synthesis of $\beta$ -Hydroxyesters from Epoxyaldehydes. <i>Journal of the American Chemical Society</i> , 2004, 126, 8126-8127.	6.6	314
11	Enantioselective, Cyclopentene-Forming Annulations via NHC-Catalyzed Benzoin Oxy-Cope Reactions. <i>Journal of the American Chemical Society</i> , 2007, 129, 3520-3521.	6.6	313
12	Catalytic Synthesis of $\beta$ -Lactams via Direct Annulations of Enals and N-Sulfonylimines. <i>Organic Letters</i> , 2005, 7, 3131-3134.	2.4	278
13	Catalytic Generation of Activated Carboxylates from Enals: A Product-Determining Role for the Base. <i>Organic Letters</i> , 2005, 7, 3873-3876.	2.4	253
14	Synthesis of Saturated N-Heterocycles. <i>Journal of Organic Chemistry</i> , 2014, 79, 2809-2815.	1.7	242
15	Enantioselective, NHC-Catalyzed Bicyclo- $\beta$ -Lactam Formation via Direct Annulations of Enals and Unsaturated N-Sulfonyl Ketimines. <i>Journal of the American Chemical Society</i> , 2008, 130, 418-419.	6.6	239
16	Catalytic Enantioselective Crossed Aldehyde-Ketone Benzoin Cyclization. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3492-3494.	7.2	231
17	Enantioselective, NHC-Catalyzed Annulations of Trisubstituted Enals and Cyclic N-Sulfonylimines via $\beta$ -Unsaturated Acyl Azoliums. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9433-9436.	7.2	206
18	The effect of the N-mesityl group in NHC-catalyzed reactions. <i>Chemical Science</i> , 2012, 3, 192-197.	3.7	191

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19	Catalytic Intramolecular Crossed Aldehyde-Ketone Benzoin Reactions: A Novel Synthesis of Functionalized Preanthraquinones. <i>Journal of the American Chemical Society</i> , 2003, 125, 8432-8433.	6.6	183
20	Cyclic Ketimines as Superior Electrophiles for NHC-Catalyzed Homo-enolate Additions with Broad Scope and Low Catalyst Loadings. <i>Journal of the American Chemical Society</i> , 2008, 130, 17266-17267.	6.6	183
21	N-Heterocyclic Carbene Catalyzed C-C Bond Cleavage in Redox Esterifications of Chiral Formylcyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6021-6024.	7.2	181
22	Catalytic Generation of Activated Carboxylates from Enals: A Product-Determining Role for the Base. <i>ChemInform</i> , 2006, 37, no.	0.1	180
23	Chiral N-heterocyclic carbene-catalyzed generation of ester enolate equivalents from $\alpha,\beta$ -unsaturated aldehydes for enantioselective Diels-Alder reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20661-20665.	3.3	169
24	Catalytic Kinetic Resolution of Cyclic Secondary Amines. <i>Journal of the American Chemical Society</i> , 2011, 133, 19698-19701.	6.6	166
25	Enantioselective Synthesis of Dihydropyridinones via NHC-Catalyzed Aza-Claisen Reaction. <i>Organic Letters</i> , 2011, 13, 5378-5381.	2.4	165
26	Structural basis of ribosomal frameshifting during translation of the SARS-CoV-2 RNA genome. <i>Science</i> , 2021, 372, 1306-1313.	6.0	165
27	Chiral N-Heterocyclic Carbene-Catalyzed Annulations of Enals and Ynals with Stable Enols: A Highly Enantioselective Coates-Claisen Rearrangement. <i>ACS Catalysis</i> , 2012, 2, 494-503.	5.5	158
28	$\alpha,\beta$ -Hydroxyenones as Mechanistic Probes and Scope-Expanding Surrogates for $\alpha,\beta$ -Unsaturated Aldehydes in N-Heterocyclic Carbene-Catalyzed Reactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 8714-8718.	6.6	153
29	$\alpha,\beta$ -Unsaturated Acyl Azoliums from N-Heterocyclic Carbene Catalyzed Reactions: Observation and Mechanistic Investigation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1673-1677.	7.2	147
30	Stereoselective Syntheses of Epothilones A and B via Nitrile Oxide Cycloadditions and Related Studies. <i>Journal of Organic Chemistry</i> , 2001, 66, 6410-6424.	1.7	142
31	Stereoselective Syntheses of Epothilones A and B via Directed Nitrile Oxide Cycloaddition. <i>Journal of the American Chemical Society</i> , 2001, 123, 3611-3612.	6.6	142
32	SnAP reagents for the one-step synthesis of medium-ring saturated N-heterocycles from aldehydes. <i>Nature Chemistry</i> , 2014, 6, 310-314.	6.6	141
33	Critical Evaluation and Rate Constants of Chemoselective Ligation Reactions for Stoichiometric Conjugations in Water. <i>ACS Chemical Biology</i> , 2015, 10, 1026-1033.	1.6	140
34	Intramolecular Regioselective Insertion into Unactivated Prochiral Carbon-Hydrogen Bonds with Diazoacetates of Primary Alcohols Catalyzed by Chiral Dirhodium(II) Carboxamidates. Highly Enantioselective Total Synthesis of Natural Lignan Lactones. <i>Journal of Organic Chemistry</i> , 1996, 61, 9146-9155.	1.7	135
35	Chemical Protein Synthesis with the $\alpha$ -Ketoacid-Hydroxylamine Ligation. <i>Accounts of Chemical Research</i> , 2017, 50, 2104-2115.	7.6	134
36	Amide-Forming Ligation of Acyltrifluoroborates and Hydroxylamines in Water. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5683-5686.	7.2	133

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37	Chiral NHC-Catalyzed Oxodiene Diels-Alder Reactions with $\beta$ -Chloroaldehyde Bisulfite Salts. <i>Organic Letters</i> , 2008, 10, 3817-3820.	2.4	132
38	Stereodivergency of Triazolium and Imidazolium-Derived NHCs for Catalytic, Enantioselective Cyclopentane Synthesis. <i>Organic Letters</i> , 2009, 11, 677-680.	2.4	129
39	A General Solution to the Modular Synthesis of Polyketide Building Blocks by Kanemasa Hydroxy-Directed Nitrile Oxide Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2082-2085.	7.2	122
40	Rapid Ligations with Equimolar Reactants in Water with the Potassium Acyltrifluoroborate (KAT) Amide Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 5611-5614.	6.6	118
41	Chemical Protein Synthesis by Chemoselective $\beta$ -Ketoacid-Hydroxylamine (KAHA) Ligations with $\beta$ -Oxaprolinone. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5114-5118.	7.2	109
42	On the Role of CO <sub>2</sub> in NHC-Catalyzed Oxidation of Aldehydes. <i>Organic Letters</i> , 2011, 13, 2422-2425.	2.4	108
43	A Mild and Chemoselective Method for the Reduction of Conjugated Isoxazolines to $\beta$ -Hydroxy Ketones. <i>Organic Letters</i> , 2001, 3, 1587-1590.	2.4	100
44	Facile Synthesis of Sterically Hindered and Electron-Deficient Secondary Amides from Isocyanates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9173-9175.	7.2	97
45	Synthesis of an <i>N</i> -Mesityl Substituted Chiral Imidazolium Salt for NHC-Catalyzed Reactions. <i>Organic Letters</i> , 2008, 10, 957-960.	2.4	94
46	Expanded Substrate Scope and Improved Reactivity of Ether-Forming Cross-Coupling Reactions of Organotrifluoroborates and Acetals. <i>Journal of the American Chemical Society</i> , 2011, 133, 14082-14089.	6.6	91
47	Iterative, Aqueous Synthesis of $\beta$ -Oligopeptides without Coupling Reagents. <i>Journal of the American Chemical Society</i> , 2006, 128, 1452-1453.	6.6	88
48	A computational study of the origin of stereoselection in NHC-catalyzed annulation reactions of $\beta,\beta$ -unsaturated acylazoliums. <i>Chemical Science</i> , 2012, 3, 2346.	3.7	88
49	Oxyanion Steering and CH $\cdots$ O Interactions as Key Elements in an N-Heterocyclic Carbene-Catalyzed [4 + 2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2012, 134, 12098-12103.	6.6	88
50	Chemoselective Acylation of Primary Amines and Amides with Potassium Acyltrifluoroborates under Acidic Conditions. <i>Journal of the American Chemical Society</i> , 2017, 139, 1826-1829.	6.6	85
51	Synthesis of Acyltrifluoroborates. <i>Organic Letters</i> , 2012, 14, 2138-2141.	2.4	84
52	One-Step Synthesis of Saturated Spirocyclic N-Heterocycles with Stannyl Amine Protocol (SnAP) Reagents and Ketones. <i>Journal of the American Chemical Society</i> , 2014, 136, 17726-17729.	6.6	84
53	Chemical Sensing of Polyols with Shapeshifting Boronic Acids As a Self-Contained Sensor Array. <i>Journal of the American Chemical Society</i> , 2013, 135, 11314-11321.	6.6	83
54	An internal affair. <i>Nature Chemistry</i> , 2013, 5, 813-815.	6.6	83

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55	Synthesis of Dialkyl Ethers from Organotrifluoroborates and Acetals. <i>Journal of the American Chemical Society</i> , 2009, 131, 18057-18059.	6.6	81
56	An oxazetidine amino acid for chemical protein synthesis by rapid, serine-forming ligations. <i>Nature Chemistry</i> , 2015, 7, 668-672.	6.6	81
57	The Mechanism of the $\alpha$ -Ketoacid-Hydroxylamine Amide-Forming Ligation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 513-516.	7.2	79
58	SnAP Reagents for the Synthesis of Piperazines and Morpholines. <i>Organic Letters</i> , 2014, 16, 1236-1239.	2.4	79
59	Catalytic amide formation with $\alpha$ -hydroxyenones as acylating reagents. <i>Chemical Communications</i> , 2009, , 4566.	2.2	78
60	Stereoretentive Synthesis and Chemoselective Amide-Forming Ligations of C-Terminal Peptide $\alpha$ -Ketoacids. <i>Journal of the American Chemical Society</i> , 2008, 130, 4253-4255.	6.6	73
61	Silicon Amine Reagents for the Photocatalytic Synthesis of Piperazines from Aldehydes and Ketones. <i>Organic Letters</i> , 2016, 18, 2098-2101.	2.4	72
62	SnAP Reagents for the Transformation of Aldehydes into Substituted Thiomorpholines—An Alternative to Cross-Coupling with Saturated Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1705-1708.	7.2	71
63	Traceless Preparation of C-Terminal $\alpha$ -Ketoacids for Chemical Protein Synthesis by $\alpha$ -Ketoacid-Hydroxylamine Ligation: Synthesis of SUMO2/3. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12248-12252.	7.2	71
64	Amine-promoted cyclocondensation of highly substituted aromatic nitrile oxides with diketones. <i>Tetrahedron Letters</i> , 2003, 44, 3555-3558.	0.7	66
65	A Reagent for the One-Step Preparation of Potassium Acyltrifluoroborates (KATs) from Aryl- and Heteroarylhalides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7604-7607.	7.2	65
66	Sequential $\alpha$ -Ketoacid-Hydroxylamine (KAHA) Ligations: Synthesis of C-Terminal Variants of the Modifier Protein UFM1. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9693-9697.	7.2	64
67	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
68	Synthesis of Acylborons by Ozonolysis of Alkenylboronates: Preparation of an Enantioenriched Amino Acid Acylboronate. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13847-13851.	7.2	64
69	Formal synthesis of salinosporamide A via NHC-catalyzed intramolecular lactonization. <i>Tetrahedron</i> , 2009, 65, 4957-4967.	1.0	63
70	Friedel-Crafts Benzoylation of Activated and Deactivated Arenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10913-10916.	7.2	62
71	Optimization of Enantiocontrol for Carbon-Hydrogen Insertion with Chiral Dirhodium(II) Carboxamidates. Synthesis of Natural Dibenzylbutyrolactone Lignans from 3-Aryl-1-propyl Diazoacetates in High Optical Purity. <i>Journal of Organic Chemistry</i> , 1995, 60, 6654-6655.	1.7	61
72	Synthesis and chemoselective ligations of MIDA acylboronates with O-Me hydroxylamines. <i>Chemical Science</i> , 2014, 5, 4328-4332.	3.7	61

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73	Olefin Amine (OLA) Reagents for the Synthesis of Bridged Bicyclic and Spirocyclic Saturated N-Heterocycles by Catalytic Hydrogen Atom Transfer (HAT) Reactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 9739-9745.	6.6	59
74	Expanded substrate scope and catalyst optimization for the catalytic kinetic resolution of N-heterocycles. <i>Chemical Communications</i> , 2012, 48, 8892.	2.2	56
75	Synthesis of Chemically and Configurationally Stable Monofluoro Acylboronates: Effect of Ligand Structure on their Formation, Properties, and Reactivities. <i>Journal of the American Chemical Society</i> , 2015, 137, 3958-3966.	6.6	56
76	Continuous Flow Synthesis of Morpholines and Oxazepanes with Silicon Amine Protocol (SLAP) Reagents and Lewis Acid Facilitated Photoredox Catalysis. <i>Organic Letters</i> , 2017, 19, 4696-4699.	2.4	56
77	Concerted Amidation of Activated Esters: Reaction Path and Origins of Selectivity in the Kinetic Resolution of Cyclic Amines via N-Heterocyclic Carbenes and Hydroxamic Acid Cocatalyzed Acyl Transfer. <i>Journal of the American Chemical Society</i> , 2014, 136, 11783-11791.	6.6	54
78	Morphogenesis Guided by 3D Patterning of Growth Factors in Biological Matrices. <i>Advanced Materials</i> , 2020, 32, e1908299.	11.1	54
79	Bespoke SnAP Reagents for the Synthesis of C-Substituted Spirocyclic and Bicyclic Saturated N-Heterocycles. <i>Organic Letters</i> , 2015, 17, 1934-1937.	2.4	52
80	PEGylation and Dimerization of Expressed Proteins under Near Equimolar Conditions with Potassium 2-Pyridyl Acyltrifluoroborates. <i>ACS Central Science</i> , 2018, 4, 197-206.	5.3	52
81	Facile Construction and Divergent Transformation of Polycyclic Isoxazoles: Direct Access to Polyketide Architectures. <i>Organic Letters</i> , 2003, 5, 391-394.	2.4	51
82	Catalytic Kinetic Resolution of Saturated N-Heterocycles by Enantioselective Amidation with Chiral Hydroxamic Acids. <i>Accounts of Chemical Research</i> , 2016, 49, 2807-2821.	7.6	51
83	Synthesis of Phototrappable Shape-Shifting Molecules for Adaptive Guest Binding. <i>Journal of the American Chemical Society</i> , 2010, 132, 15790-15799.	6.6	50
84	A general strategy for the preparation of C-terminal peptide $\alpha$ -ketoacids by solid phase peptide synthesis. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2259.	1.5	48
85	Formation and Rearrangement of Homoserine Depsipeptides and Depsiproteins in the $\alpha$ -Ketoacid-Hydroxylamine Ligation with 5-Oxaproline. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12244-12247.	7.2	47
86	Synthesis of Oligosubstituted Bullvalones: Shapeshifting Molecules Under Basic Conditions. <i>Journal of the American Chemical Society</i> , 2006, 128, 14738-14739.	6.6	46
87	Lysine acylation using conjugating enzymes for site-specific modification and ubiquitination of recombinant proteins. <i>Nature Chemistry</i> , 2020, 12, 1008-1015.	6.6	46
88	Synthesis and reactivities of monofluoro acylboronates in chemoselective amide bond forming ligation with hydroxylamines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 16-20.	1.5	43
89	Catalytic Kinetic Resolution of Disubstituted Piperidines by Enantioselective Acylation: Synthetic Utility and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2015, 137, 11491-11497.	6.6	42
90	Protein chemical synthesis by $\alpha$ -ketoacid-hydroxylamine ligation. <i>Nature Protocols</i> , 2016, 11, 1130-1147.	5.5	42

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91	N-Heterocyclic Carbenes as Organic Catalysts. RSC Catalysis Series, 2010, , 399-435.	0.1	41
92	Reinventing Amide Bond Formation. Topics in Organometallic Chemistry, 2012, , 13-33.	0.7	41
93	Racemization as a stereochemical measure of dynamics and robustness in shape-shifting organic molecules. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14752-14756.	3.3	40
94	Chemical sensing with shapeshifting organic molecules. Chemical Science, 2012, 3, 1825.	3.7	40
95	Lewis Acid Induced Toggle from Ir(II) to Ir(IV) Pathways in Photocatalytic Reactions: Synthesis of Thiomorpholines and Thiazepanes from Aldehydes and SLAP Reagents. ACS Central Science, 2017, 3, 66-72.	5.3	40
96	Title is missing!. Chemical Communications, 2001, , 2560-2561.	2.2	39
97	Synthesis of Biocompatible PEG Hydrogels by pH-Sensitive Potassium Acyltrifluoroborate (KAT) Amide Ligations. ACS Biomaterials Science and Engineering, 2015, 1, 456-462.	2.6	39
98	Isoxazole-Directed Pinacol Rearrangement: Stereocontrolled Approach to Angular Stereogenic Centers. Angewandte Chemie - International Edition, 2007, 46, 3252-3254.	7.2	38
99	Synthesis of human GLP-1 (7â€³36) by chemoselective Î±-ketoacidâ€³hydroxylamine peptide ligation of unprotected fragments. Chemical Science, 2011, 2, 1976.	3.7	38
100	Lateâ€³Stage Diversification of Chiral Nâ€³Heterocyclicâ€³Carbene Precatalysts for Enantioselective Homoenoate Additions. Chemistry - an Asian Journal, 2011, 6, 614-620.	1.7	38
101	Synthesis and stabilities of peptide-based [1]rotaxanes: molecular grafting onto lasso peptide scaffolds. Chemical Science, 2017, 8, 2878-2884.	3.7	38
102	Facile synthesis of Î±-aminoboronic acids from amines and potassium acyltrifluoroborates (KATs) via trifluoroborate-iminiums (TIMs). Chemical Science, 2018, 9, 5191-5196.	3.7	38
103	Chemical Synthesis of Atomically Tailored SUMO E2 Conjugating Enzymes for the Formation of Covalently Linked SUMOâ€³E2â€³E3 Ligase Ternary Complexes. Journal of the American Chemical Society, 2019, 141, 14742-14751.	6.6	38
104	A Novel, General Method for the Synthesis of Nitrile Oxides:â€³ Dehydration of O-Silylated Hydroxamic Acids. Organic Letters, 2000, 2, 539-541.	2.4	37
105	KAHA Ligations That Form Aspartyl Aldehyde Residues as Synthetic Handles for Protein Modification and Purification. Journal of the American Chemical Society, 2014, 136, 18140-18148.	6.6	37
106	Dynamic supramolecular complexation by shapeshifting organic molecules. Organic and Biomolecular Chemistry, 2009, 7, 1529.	1.5	35
107	Chemical Synthesis of the Highly Hydrophobic Antiviral Membraneâ€³Associated Protein IFITM3 and Modified Variants. Angewandte Chemie - International Edition, 2017, 56, 12639-12643.	7.2	35
108	Introduction of <sc>d</sc>-â€³Amino Acids in Minimalistic Peptide Substrates by an <i>S</i>-â€³Adenosylâ€³<sc>l</sc>-â€³Methionine Radical Epimerase. Angewandte Chemie - International Edition, 2019, 58, 2246-2250.	7.2	35



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109	Chemoselective cyclization of unprotected linear peptides by $\alpha$ -ketoacid-hydroxylamine amide-ligation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5837.	1.5	34
110	Prevention of aspartimide formation during peptide synthesis using cyanosulfurylides as carboxylic acid-protecting groups. <i>Nature Communications</i> , 2020, 11, 982.	5.8	34
111	Flow chemistry and polymer-supported pseudoenantiomeric acylating agents enable parallel kinetic resolution of chiral saturated N-heterocycles. <i>Nature Chemistry</i> , 2017, 9, 446-452.	6.6	33
112	Synthesis of Acylborons by Ozonolysis of Alkenylboronates: Preparation of an Enantioenriched Amino Acid Acylboronate. <i>Angewandte Chemie</i> , 2017, 129, 14035-14039.	1.6	33
113	Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. <i>Nature Communications</i> , 2021, 12, 7036.	5.8	33
114	Simple One-pot Conversion of Aldehydes and Ketones to Enals. <i>Organic Letters</i> , 2009, 11, 2117-2119.	2.4	32
115	New chemistries for chemoselective peptide ligations and the total synthesis of proteins. <i>Current Opinion in Chemical Biology</i> , 2014, 22, 115-121.	2.8	32
116	Chemical synthesis of a homoserine-mutant of the antibacterial, head-to-tail cyclized protein AS-48 by $\alpha$ -ketoacid-hydroxylamine (KAHA) ligation. <i>Chemical Science</i> , 2017, 8, 4051-4055.	3.7	32
117	Iridium-catalyzed Synthesis of Saturated N-Heterocycles from Aldehydes and SnAP Reagents with Continuous Flow Photochemistry. <i>Organic Letters</i> , 2018, 20, 2071-2075.	2.4	32
118	Kinetic Resolution of Nitrogen Heterocycles with a Reusable Polymer-Supported Reagent. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10660-10663.	7.2	31
119	Unified synthesis of enantiopure $\alpha$ 2h, $\alpha$ 3h and $\alpha$ 2,3-amino acids. <i>Chemical Science</i> , 2010, 1, 637.	3.7	30
120	Synthesis of Sterically Hindered $\alpha$ -Acylated Amino Acids from $\alpha$ -Carboxyanhydrides. <i>Organic Letters</i> , 2014, 16, 1526-1529.	2.4	30
121	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
122	A Reagent for the Convenient, Solid-Phase Synthesis of N-Terminal Peptide Hydroxylamines for Chemoselective Ligations. <i>Journal of the American Chemical Society</i> , 2009, 131, 3864-3865.	6.6	29
123	Asymmetric synthesis of enantiopure isoxazolidinone monomers for the synthesis of $\alpha$ 3-oligopeptides by chemoselective amide ligation. <i>Tetrahedron</i> , 2010, 66, 4841-4853.	1.0	29
124	Spontaneous head-to-tail cyclization of unprotected linear peptides with the KAHA ligation. <i>Chemical Science</i> , 2015, 6, 4889-4896.	3.7	28
125	One-Step Synthesis of Aliphatic Potassium Acyltrifluoroborates (KATs) from Organocuprates. <i>Organic Letters</i> , 2018, 20, 2378-2381.	2.4	28
126	Covalently functionalized amide cross-linked hydrogels from primary amines and polyethylene glycol acyltrifluoroborates (PEG-KATs). <i>Journal of Materials Chemistry B</i> , 2018, 6, 4775-4782.	2.9	28



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127	Synthesis of Bifunctional Potassium Acyltrifluoroborates. <i>Organic Letters</i> , 2016, 18, 5336-5339.	2.4	27
128	Leaving Groups as Traceless Topological Modifiers for the Synthesis of Topologically Isomeric Polymer Networks. <i>Journal of the American Chemical Society</i> , 2018, 140, 14033-14037.	6.6	27
129	Catalytic Synthesis of Potassium Acyltrifluoroborates (KATs) through Chemoselective Cross-Coupling with a Bifunctional Reagent. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11058-11062.	7.2	27
130	Synthesis of Acylboron Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16847-16858.	7.2	27
131	Nitrone protecting groups for enantiopure N-hydroxyamino acids: synthesis of N-terminal peptide hydroxylamines for chemoselective ligations. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3405.	1.5	26
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