

Jeffrey W Bode

List of Publications by Year in descending order

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221
papers

17,392
citations

14655

66
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16183

124
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316
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316
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times ranked

8749
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#	ARTICLE	IF	CITATIONS
1	Reagent-Based Scaffold Diversity for DNA-Encoded Library Design: Solid Phase Synthesis of DNA-Tagged sp ³ -Rich Heterocycles by SnAP Chemistry. <i>Organic Letters</i> , 2022, 24, 1383-1387.	4.6	10
2	Site-Specific Protein Ubiquitylation Using an Engineered, Chimeric E1 Activating Enzyme and E2 SUMO Conjugating Enzyme Ubc9. <i>ACS Central Science</i> , 2022, 8, 275-281.	11.3	13
3	Chemical synthesis of <i>Torenia</i> plant pollen tube attractant proteins by KAHA ligation. <i>RSC Chemical Biology</i> , 2022, 3, 721-727.	4.1	3
4	Preparation of Potassium Acyltrifluoroborates (KATs) from Carboxylic Acids by Copper-Catalyzed Borylation of Mixed Anhydrides**. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
5	Preparation of Potassium Acyltrifluoroborates (KATs) from Carboxylic Acids by Copper-Catalyzed Borylation of Mixed Anhydrides**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114513.	13.8	10
6	Facile Preparation of UFMylation Activity-Based Probes by Chemoselective Installation of Electrophiles at the C-Terminus of Recombinant UFM1. <i>ACS Central Science</i> , 2022, 8, 756-762.	11.3	8
7	Catalytic Synthesis of Potassium Acyltrifluoroborates (KATs) from Boronic Acids and the Thioimidate KAT Transfer Reagent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3918-3922.	13.8	12
8	An integrated console for capsule-based, automated organic synthesis. <i>Chemical Science</i> , 2021, 12, 6977-6982.	7.4	16
9	Chemical Protein Synthesis by Chemoselective α -Ketoacid-Hydroxylamine (KAHA) Ligations with 5-Oxaproline. <i>Methods in Molecular Biology</i> , 2021, 2355, 151-162.	0.9	1
10	Identification, heterologous production and bioactivity of lentiginin A and dendrothelin A, two natural variants of backbone N-methylated peptide macrocycle omphalotin A. <i>Scientific Reports</i> , 2021, 11, 3541.	3.3	19
11	Structural basis of ribosomal frameshifting during translation of the SARS-CoV-2 RNA genome. <i>Science</i> , 2021, 372, 1306-1313.	12.6	165
12	KAT Ligation for Rapid and Facile Covalent Attachment of Biomolecules to Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29113-29121.	8.0	5
13	Mechanism-Based Design of Quinoline Potassium Acyltrifluoroborates for Rapid Amide-Forming Ligations at Physiological pH. <i>Journal of the American Chemical Society</i> , 2021, 143, 17557-17565.	13.7	7
14	Katalytische Synthese von Kaliumacyltrifluoroboraten (KATs) aus Boronsäuren und dem Thioimidat-KAT-Transferreagenz. <i>Angewandte Chemie</i> , 2021, 133, 3964-3968.	2.0	3
15	Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. <i>Nature Communications</i> , 2021, 12, 7036.	12.8	33
16	Chemoselective ¹⁸ F-incorporation into pyridyl acyltrifluoroborates for rapid radiolabelling of peptides and proteins at room temperature. <i>Chemical Communications</i> , 2020, 56, 723-726.	4.1	13
17	Aspartic Acid Forming α -Ketoacid-Hydroxylamine (KAHA) Ligations with (<i>S</i>)-4,4-Difluoro-5-oxaproline. <i>Journal of Organic Chemistry</i> , 2020, 85, 1352-1364.	3.2	6
18	Make a Molecule: A Synthetic Organic and Medicinal Chemistry Workshop Program for High School Students. <i>Journal of Chemical Education</i> , 2020, 97, 402-413.	2.3	4

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19	François Diederich (1952–2020) <i>in Memoriam</i> . <i>Helvetica Chimica Acta</i> , 2020, 103, e2000187.	1.6	0
20	Synthesis of Polymers Containing Potassium Acyltrifluoroborates (KATs) and Post-polymerization Ligation and Conjugation. <i>Angewandte Chemie</i> , 2020, 132, 14764-14771.	2.0	5
21	Spirocyclic Nitroxide Biradicals: Synthesis and Evaluation as Dynamic Nuclear Polarizing Agents. <i>Helvetica Chimica Acta</i> , 2020, 103, e2000179.	1.6	2
22	Lysine acylation using conjugating enzymes for site-specific modification and ubiquitination of recombinant proteins. <i>Nature Chemistry</i> , 2020, 12, 1008-1015.	13.6	46
23	Post-Assembly Photomasking of Potassium Acyltrifluoroborates (KATs) for Two-photon 3D Patterning of PEG-Hydrogels. <i>Helvetica Chimica Acta</i> , 2020, 103, e2000172.	1.6	2
24	Synthesis of Polymers Containing Potassium Acyltrifluoroborates (KATs) and Post-polymerization Ligation and Conjugation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14656-14663.	13.8	18
25	Morphogenesis Guided by 3D Patterning of Growth Factors in Biological Matrices. <i>Advanced Materials</i> , 2020, 32, e1908299.	21.0	54
26	Myotubularin-related protein 7 activates peroxisome proliferator-activated receptor-gamma. <i>Oncogenesis</i> , 2020, 9, 59.	4.9	6
27	Synthesis of Acylboron Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16847-16858.	13.8	27
28	Synthesis of Acylboron Compounds. <i>Angewandte Chemie</i> , 2020, 132, 16993-17004.	2.0	6
29	Synthesis of secondary and tertiary amides without coupling agents from amines and potassium acyltrifluoroborates (KATs). <i>Chemical Science</i> , 2020, 11, 7609-7614.	7.4	16
30	Tissue Engineering: Morphogenesis Guided by 3D Patterning of Growth Factors in Biological Matrices (Adv. Mater. 25/2020). <i>Advanced Materials</i> , 2020, 32, 2070193.	21.0	0
31	Chemical Synthesis of Interleukin-2 and Disulfide Stabilizing Analogues. <i>Angewandte Chemie</i> , 2020, 132, 8503-8507.	2.0	3
32	Prevention of aspartimide formation during peptide synthesis using cyanosulfonylides as carboxylic acid-protecting groups. <i>Nature Communications</i> , 2020, 11, 982.	12.8	34
33	Chemical Synthesis of Interleukin-2 and Disulfide Stabilizing Analogues. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8425-8429.	13.8	18
34	Staying Connected and Inspired During Quarantine. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020, 78, 1005-1005.	0.1	0
35	Chemical Synthesis of Atomically Tailored SUMO E2 Conjugating Enzymes for the Formation of Covalently Linked SUMO-E2-E3 Ligase Ternary Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 14742-14751.	13.7	38
36	A Threonine-Forming Oxazetidine Amino Acid for the Chemical Synthesis of Proteins through KAHA Ligation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12599-12603.	13.8	13

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37	Eine Threoninâ€bildende OxazetidinaminosÃure fÃ¼r die chemische Synthese von Proteinen mittels KAHAâ€Ligation. <i>Angewandte Chemie</i> , 2019, 131, 12729-12733.	2.0	1
38	Evidence for a Radical Mechanism in Cu(II)-Promoted SnAP Reactions. <i>Synlett</i> , 2019, 30, 464-470.	1.8	4
39	Traceless Templated Amide-Forming Ligations. <i>Journal of the American Chemical Society</i> , 2019, 141, 8721-8726.	13.7	24
40	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.	13.7	59
41	Catalytic Synthesis of Potassium Acyltrifluoroborates (KATs) through Chemoselective Crossâ€Coupling with a Bifunctional Reagent. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11058-11062.	13.8	27
42	Antibiotic Discovery with Synthetic Fermentation: Library Assembly, Phenotypic Screening, and Mechanism of Action of I ² -Peptides Targeting Penicillin-Binding Proteins. <i>ACS Chemical Biology</i> , 2019, 14, 1030-1040.	3.4	14
43	Iterative Assembly of Polycyclic Saturated Heterocycles from Monomeric Building Blocks. <i>Journal of the American Chemical Society</i> , 2019, 141, 5544-5554.	13.7	20
44	Katalytische Synthese von Kaliumacyltrifluoroboraten mithilfe chemoselektiver Kreuzkupplung eines bifunktionalen Reagenzes. <i>Angewandte Chemie</i> , 2019, 131, 11174-11178.	2.0	15
45	Synthesis and Evaluation of Cyclic Acetals of Serine Hydroxylamine for Amide-Forming KAHA Ligations. <i>Synthesis</i> , 2019, 51, 1273-1283.	2.3	3
46	Introduction of <sc>d</sc>-â€Amino Acids in Minimalistic Peptide Substrates by an <i>S</i>-â€Adenosylâ€L</sc>-â€Methionine Radical Epimerase. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2246-2250.	13.8	35
47	Facile Synthesis of Internal and Câ€Terminal Peptide <i>Î±</i>-â€Ketoamides with Fmocâ€Solid Phase Peptide Synthesis. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800039.	1.6	6
48	One-Step Synthesis of Aliphatic Potassium Acyltrifluoroborates (KATs) from Organocuprates. <i>Organic Letters</i> , 2018, 20, 2378-2381.	4.6	28
49	Synthetic fermentation of bioactive molecules. <i>Current Opinion in Chemical Biology</i> , 2018, 46, 18-24.	6.1	10
50	PEGylation and Dimerization of Expressed Proteins under Near Equimolar Conditions with Potassium 2-Pyridyl Acyltrifluoroborates. <i>ACS Central Science</i> , 2018, 4, 197-206.	11.3	52
51	Synthetic fermentation of Î²-peptide macrocycles by thiadiazole-forming ring-closing reactions. <i>Chemical Science</i> , 2018, 9, 2159-2167.	7.4	8
52	Iridium-catalyzed Synthesis of Saturated N-Heterocycles from Aldehydes and SnAP Reagents with Continuous Flow Photochemistry. <i>Organic Letters</i> , 2018, 20, 2071-2075.	4.6	32
53	Chemoselective derivitization of folded synthetic insulin variants with potassium acyltrifluoroborates (KATs). <i>Helvetica Chimica Acta</i> , 2018, 102, e1800214.	1.6	10
54	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.	13.7	27

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55	Facile folding of insulin variants bearing a prosthetic C-peptide prepared by α -ketoacid-hydroxylamine (KAHA) ligation. <i>Chemical Science</i> , 2018, 9, 8388-8395.	7.4	19
56	Facile synthesis of α -aminoboronic acids from amines and potassium acyltrifluoroborates (KATs) via trifluoroborate-iminiums (TIMs). <i>Chemical Science</i> , 2018, 9, 5191-5196.	7.4	38
57	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.	5.8	28
58	Synthesis of N,N-Alkylated α -Tertiary Amines by Coupling of α -Aminoalkyltrifluoroborates and Grignard Reagents. <i>Organic Letters</i> , 2018, 20, 4044-4047.	4.6	21
59	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.	13.7	85
60	Synthesis of tri-functionalized MMP2 FRET probes using a chemo-selective and late-stage modification of unprotected peptides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1792-1800.	2.8	8
61	Synthesis and stabilities of peptide-based [1]rotaxanes: molecular grafting onto lasso peptide scaffolds. <i>Chemical Science</i> , 2017, 8, 2878-2884.	7.4	38
62	Improved synthesis of (S)-N-Boc-5-oxaproline for protein synthesis with the α -ketoacid-hydroxylamine (KAHA) ligation. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4996-5001.	3.0	9
63	Chemical synthesis of a homoserine-mutant of the antibacterial, head-to-tail cyclized protein AS-48 by α -ketoacid-hydroxylamine (KAHA) ligation. <i>Chemical Science</i> , 2017, 8, 4051-4055.	7.4	32
64	Lewis Acid Induced Toggle from Ir(II) to Ir(IV) Pathways in Photocatalytic Reactions: Synthesis of Thiomorpholines and Thiazepanes from Aldehydes and SLAP Reagents. <i>ACS Central Science</i> , 2017, 3, 66-72.	11.3	40
65	Potassium Acyltrifluoroborate (<sc>KAT</sc>) Ligations are Orthogonal to Thiol- <i>Michael</i> and <sc>SPAAC</sc> Reactions: Covalent Dual Immobilization of Proteins onto Synthetic <sc>PEG</sc> Hydrogels. <i>Helvetica Chimica Acta</i> , 2017, 100, e1600311.	1.6	18
66	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.	13.6	33
67	Chemical Synthesis of the Highly Hydrophobic Antiviral Membrane-Associated Protein IFITM3 and Modified Variants. <i>Angewandte Chemie</i> , 2017, 129, 12813-12817.	2.0	11
68	Chemical Synthesis of the Highly Hydrophobic Antiviral Membrane-Associated Protein IFITM3 and Modified Variants. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12639-12643.	13.8	35
69	Chemical Protein Synthesis with the α -Ketoacid-Hydroxylamine Ligation. <i>Accounts of Chemical Research</i> , 2017, 50, 2104-2115.	15.6	134
70	Copper Promoted Oxidative Coupling of SnAP Hydrazines and Aldehydes to Form Chiral 1,4,5-Oxadiazepanes and 1,2,5-Triazepanes. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700199.	1.6	7
71	Synthesis of Acylborons by Ozonolysis of Alkenylboronates: Preparation of an Enantioenriched Amino Acid Acylboronate. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13847-13851.	13.8	64
72	Synthesis of Acylborons by Ozonolysis of Alkenylboronates: Preparation of an Enantioenriched Amino Acid Acylboronate. <i>Angewandte Chemie</i> , 2017, 129, 14035-14039.	2.0	33

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73	Product Selectivity in KAHA Ligations: Ester vs. Amide Formation with Cyclic Hydroxylamines. <i>Synlett</i> , 2017, 28, 1929-1933.	1.8	9
74	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.	4.6	56
75	Ein robustes und wiedergewinnbares Polymer für die Dekagramm-Racematspaltung von (±)-Mefloquin und anderen, chiralen N-Heterocyclen. <i>Angewandte Chemie</i> , 2016, 128, 1579-1582.	2.0	4
76	A Robust, Recyclable Resin for Decagram Scale Resolution of (±)-Mefloquine and Other Chiral N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1553-1556.	13.8	21
77	Catalytic Kinetic Resolution of Saturated N-Heterocycles by Enantioselective Amidation with Chiral Hydroxamic Acids. <i>Accounts of Chemical Research</i> , 2016, 49, 2807-2821.	15.6	51
78	Synthesis of Tetrahydronaphthyridines from Aldehydes and HARP Reagents via Radical Pictet-Spengler Reactions. <i>Organic Letters</i> , 2016, 18, 1713-1715.	4.6	15
79	Protein chemical synthesis by α -ketoacid-hydroxylamine ligation. <i>Nature Protocols</i> , 2016, 11, 1130-1147.	12.0	42
80	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.	4.6	30
81	Silicon Amine Reagents for the Photocatalytic Synthesis of Piperazines from Aldehydes and Ketones. <i>Organic Letters</i> , 2016, 18, 2098-2101.	4.6	72
82	Synthesis of Bifunctional Potassium Acyltrifluoroborates. <i>Organic Letters</i> , 2016, 18, 5336-5339.	4.6	27
83	Chemical Synthesis of the 12 kDa Human Myokine Irisin by α -Ketoacid-Hydroxylamine (KAHA) Ligation. <i>Helvetica Chimica Acta</i> , 2016, 99, 897-907.	1.6	12
84	Photoprotected Peptide α -Ketoacids and Hydroxylamines for Iterative and One-Pot KAHA Ligations: Synthesis of NEDD ₈ . <i>Helvetica Chimica Acta</i> , 2016, 99, 868-894.	1.6	26
85	Irreversible Conjugation of Aldehydes in Water To Form Stable 1,2,4-Oxadiazinan-5-ones. <i>Organic Letters</i> , 2016, 18, 4210-4213.	4.6	17
86	Tying up loose ends. <i>Nature Chemistry</i> , 2016, 8, 1085-1086.	13.6	6
87	Incorporation of Acid-Labile Masking Groups for the Traceless Synthesis of C-Terminal Peptide α -Ketoacids. <i>Organic Letters</i> , 2016, 18, 3670-3673.	4.6	17
88	A radical approach to posttranslational mutagenesis. <i>Science</i> , 2016, 354, 553-554.	12.6	2
89	100th Anniversary of Helvetica. <i>Helvetica Chimica Acta</i> , 2016, 99, 819-819.	1.6	0
90	Synthesis and reactivities of monofluoro acylboronates in chemoselective amide bond forming ligation with hydroxylamines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 16-20.	2.8	43

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91	Catalytic Synthesis of N-protected Piperazines, Morpholines, and Thiomorpholines from Aldehydes and SnAP Reagents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10884-10888.	13.8	64
92	Chemical Synthesis of the 20 kDa Heme Protein Nitrophorin 4 by Ketoacid-Hydroxylamine (KAHA) Ligation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12996-13001.	13.8	25
93	Synthesis of Biocompatible PEG Hydrogels by pH-Sensitive Potassium Acyltrifluoroborate (KAT) Amide Ligations. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 456-462.	5.2	39
94	Critical Evaluation and Rate Constants of Chemoselective Ligation Reactions for Stoichiometric Conjugations in Water. <i>ACS Chemical Biology</i> , 2015, 10, 1026-1033.	3.4	140
95	Optimized synthesis of a cyanosulfurylide linker for Fmoc-SPPS of C-terminal peptide α -ketoacids. <i>Tetrahedron Letters</i> , 2015, 56, 3477-3480.	1.4	8
96	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.	13.7	56
97	An oxazetidine amino acid for chemical protein synthesis by rapid, serine-forming ligations. <i>Nature Chemistry</i> , 2015, 7, 668-672.	13.6	81
98	Bespoke SnAP Reagents for the Synthesis of C-Substituted Spirocyclic and Bicyclic Saturated N-Heterocycles. <i>Organic Letters</i> , 2015, 17, 1934-1937.	4.6	52
99	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.	13.7	42
100	Spontaneous head-to-tail cyclization of unprotected linear peptides with the KAHA ligation. <i>Chemical Science</i> , 2015, 6, 4889-4896.	7.4	28
101	The Synthesis of Sterically Hindered Amides. <i>Chimia</i> , 2014, 68, 252.	0.6	16
102	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.	13.7	84
103	KAHA Ligations That Form Aspartyl Aldehyde Residues as Synthetic Handles for Protein Modification and Purification. <i>Journal of the American Chemical Society</i> , 2014, 136, 18140-18148.	13.7	37
104	Chemical Protein Synthesis with the KAHA Ligation. <i>Topics in Current Chemistry</i> , 2014, 363, 1-31.	4.0	16
105	Synthesis of Saturated N-Heterocycles. <i>Journal of Organic Chemistry</i> , 2014, 79, 2809-2815.	3.2	242
106	SnAP reagents for the one-step synthesis of medium-ring saturated N-heterocycles from aldehydes. <i>Nature Chemistry</i> , 2014, 6, 310-314.	13.6	141
107	Stereoelectronic Basis for the Kinetic Resolution of N-Heterocycles with Chiral Acylating Reagents. <i>Chemistry - A European Journal</i> , 2014, 20, 7228-7231.	3.3	9
108	Synthesis of Sterically Hindered N-Acylated Amino Acids from N-Carboxyanhydrides. <i>Organic Letters</i> , 2014, 16, 1526-1529.	4.6	30

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109	Synthesis and chemoselective ligations of MIDA acylboronates with O-Me hydroxylamines. <i>Chemical Science</i> , 2014, 5, 4328-4332.	7.4	61
110	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.	13.7	118
111	SnAP Reagents for the Synthesis of Piperazines and Morpholines. <i>Organic Letters</i> , 2014, 16, 1236-1239.	4.6	79
112	New chemistries for chemoselective peptide ligations and the total synthesis of proteins. <i>Current Opinion in Chemical Biology</i> , 2014, 22, 115-121.	6.1	32
113	Formation and Rearrangement of Homoserine Depsipeptides and Depsiproteins in the Î±-Ketoacid-Hydroxylamine Ligation with 5-Oxaproline. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12244-12247.	13.8	47
114	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.	13.7	54
115	On the Mechanism of N-Heterocyclic Carbene-Catalyzed Reactions Involving Acyl Azoliums. <i>Accounts of Chemical Research</i> , 2014, 47, 696-707.	15.6	611
116	Synthetic fermentation of bioactive non-ribosomal peptides without organisms, enzymes or reagents. <i>Nature Chemistry</i> , 2014, 6, 877-884.	13.6	22
117	Traceless Preparation of C-Terminal Î±-Ketoacids for Chemical Protein Synthesis by Î±-Ketoacid-Hydroxylamine Ligation: Synthesis of SUMO2/3. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12248-12252.	13.8	71
118	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.	13.8	65
119	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.	13.7	83
120	An internal affair. <i>Nature Chemistry</i> , 2013, 5, 813-815.	13.6	83
121	E pluribus unum: isolation, structure determination, network analysis and DFT studies of a single metastable structure from a shapeshifting mixture of 852 bullvalene structural isomers. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1306-1317.	2.8	23
122	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.	13.8	71
123	Catalytic Redox Amidations of Aldehydes with a Polymer-Supported Peptide-N-Heterocyclic Carbene Multifunctional Catalyst. <i>Synlett</i> , 2013, 24, 1205-1210.	1.8	11
124	Peptide science in Switzerland - a revival. <i>Chimia</i> , 2013, 67, 841.	0.6	0
125	Synthesis of Aza-Surfactin and 3-Epi-Aza-Surfactin. <i>Heterocycles</i> , 2012, 84, 1179.	0.7	13
126	Synthesis of Enantiomerically Pure Isoxazolidine Monomers for the Preparation of Î³-Oligopeptides by Iterative Î±-Keto Acid-Hydroxylamine (KAHA) Ligations. <i>Helvetica Chimica Acta</i> , 2012, 95, 2481-2501.	1.6	11

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127	Chemoselective cyclization of unprotected linear peptides by \hat{I}^{\pm} -ketoacidâ€“hydroxylamine amide-ligation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5837.	2.8	34
128	Formal Synthesis of (\hat{A}^{\pm})-Clausenamide by NHC-Catalyzed \hat{I}^3 -Lactam Formation. <i>Heterocycles</i> , 2012, 86, 1689.	0.7	12
129	Enantioselective, Chromatography-Free Synthesis of $\hat{I}^{2³}$ -Amino Acids with Natural and Unnatural Side Chains. <i>Organic Process Research and Development</i> , 2012, 16, 687-696.	2.7	18
130	A computational study of the origin of stereinduction in NHC-catalyzed annulation reactions of \hat{I}^{\pm}, \hat{I}^2 -unsaturated acylazoliums. <i>Chemical Science</i> , 2012, 3, 2346.	7.4	88
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