

Haiming Zhang

List of Publications by Year in descending order

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43
papers

1,229
citations

471509

17
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377865

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docs citations

43
times ranked

1205
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#	ARTICLE	IF	CITATIONS
1	First-Generation Asymmetric Synthesis of the Selective Estrogen Receptor Degradator GDC-9545 (Giredestrant) Featuring a Highly Efficient Pictet-Spengler Reaction and a C-N Coupling Reaction. <i>Organic Process Research and Development</i> , 2022, 26, 560-567.	2.7	4
2	Efficient Manufacturing Process for the Selective Estrogen Receptor Degradator GDC-9545 (Giredestrant) via a Crystallization-Driven Diastereoselective Pictet-Spengler Condensation. <i>Organic Process Research and Development</i> , 2022, 26, 568-582.	2.7	5
3	An Efficient Second-Generation Manufacturing Process for the pan-RAF Inhibitor Belvarafenib. <i>Organic Process Research and Development</i> , 2021, 25, 2338-2350.	2.7	6
4	Stereoconvergent and -divergent Synthesis of Tetrasubstituted Alkenes by Nickel-Catalyzed Cross-Couplings. <i>Journal of the American Chemical Society</i> , 2021, 143, 19078-19090.	13.7	39
5	Palladium-Catalyzed Enantioselective Decarboxylative Allylic Alkylation of Protected Benzoin-Derived Enol Carbonates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 344-347.	4.3	11
6	Asymmetric Hydrogenation of Unfunctionalized Tetrasubstituted Acyclic Olefins. <i>Angewandte Chemie</i> , 2020, 132, 2866-2871.	2.0	8
7	Asymmetric Hydrogenation of Unfunctionalized Tetrasubstituted Acyclic Olefins. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2844-2849.	13.8	30
8	Process Development of Sotagliflozin, a Dual Inhibitor of Sodium-Glucose Cotransporter-1/2 for the Treatment of Diabetes. <i>Organic Process Research and Development</i> , 2020, 24, 2689-2701.	2.7	9
9	A fit for purpose synthesis of Bruton's tyrosine kinase inhibitor GDC-0852. <i>Tetrahedron Letters</i> , 2020, 61, 152447.	1.4	4
10	Practical Synthesis of a Stable Precursor for Positron Emission Tomography Imaging Agent ¹⁸ F-GTP1. <i>Organic Process Research and Development</i> , 2020, 24, 1690-1699.	2.7	2
11	Global Diastereoconvergence in the Ireland-Claisen Rearrangement of Isomeric Enolates: Synthesis of Tetrasubstituted β -Amino Acids. <i>Journal of the American Chemical Society</i> , 2020, 142, 21938-21947.	13.7	11
12	Palladium-Catalyzed Enantioselective Decarboxylative Allylic Alkylation of Acyclic β -Pyrrolyl/Indolyl Ketones. <i>Organic Letters</i> , 2020, 22, 4272-4275.	4.6	15
13	Process Development of Tryptophan Hydroxylase Inhibitor LX1031, a Drug Candidate for the Treatment of Irritable Bowel Syndrome. <i>Organic Process Research and Development</i> , 2020, 24, 261-273.	2.7	10
14	Discovery and Development of Non-Covalent, Reversible Bruton's Tyrosine Kinase Inhibitor Fenebrutinib (GDC-0853). <i>ACS Symposium Series</i> , 2019, , 239-266.	0.5	2
15	Palladium-catalyzed β , γ -dehydrogenation of acyclic ester equivalents promoted by a novel electron deficient phosphinoxazoline ligand. <i>Tetrahedron</i> , 2019, 75, 4104-4109.	1.9	3
16	Palladium-catalyzed enantioselective decarboxylative allylic alkylation of fully substituted β -acyl indole-derived enol carbonates. <i>Chemical Science</i> , 2019, 10, 5996-6000.	7.4	34
17	Phosphoramidates as Steering Elements for Highly Selective Access to Complementary Imidazo[1,2- <i>a</i>]pyrimidine Isomers. <i>Organic Letters</i> , 2019, 21, 9527-9531.	4.6	9
18	Macrolactamization Approaches to Arylomycin Antibiotics Core. <i>Organic Letters</i> , 2019, 21, 147-151.	4.6	18

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19	Convergent Synthesis of PI3K Inhibitor GDC-0908 Featuring Palladium-Catalyzed Direct C-H Arylation toward Dihydrobenzothienooxepines. <i>Journal of Organic Chemistry</i> , 2019, 84, 4796-4802.	3.2	10
20	Magnesium Ethoxide Promoted Conversion of Nitriles to Amidines and Its Application in 5,6-Dihydroimidazobenzoxazepine Synthesis. <i>Organic Letters</i> , 2018, 20, 2624-2627.	4.6	17
21	Synthesis of a Selective Estrogen Receptor Degradar via a Stereospecific Elimination Approach. <i>Organic Letters</i> , 2018, 20, 1114-1117.	4.6	11
22	Two-Step Synthesis of 3,4-Dihydropyrrolopyrazinones from Ketones and Piperazin-2-ones. <i>Organic Letters</i> , 2018, 20, 1252-1255.	4.6	12
23	Isocanthine Synthesis via Rh(III)-Catalyzed Intramolecular C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2018, 83, 330-337.	3.2	15
24	Synthesis of Selective Estrogen Receptor Degradar GDC-0810 via Stereocontrolled Assembly of a Tetrasubstituted All-Carbon Olefin. <i>Journal of Organic Chemistry</i> , 2018, 83, 11571-11576.	3.2	17
25	Development of an Efficient Manufacturing Process for Reversible Bruton's Tyrosine Kinase Inhibitor GDC-0853. <i>Organic Process Research and Development</i> , 2018, 22, 978-990.	2.7	13
26	Palladium-Catalyzed Site-Selective Amidation of Dichloroazines. <i>Organic Letters</i> , 2018, 20, 3902-3906.	4.6	13
27	Catalytic Enantioselective Synthesis of Acyclic Quaternary Centers: Palladium-Catalyzed Decarboxylative Allylic Alkylation of Fully Substituted Acyclic Enol Carbonates. <i>Journal of the American Chemical Society</i> , 2018, 140, 10109-10112.	13.7	72
28	Synthesis of Chiral Tryptamines via a Regioselective Indole Alkylation. <i>Organic Letters</i> , 2018, 20, 5431-5434.	4.6	22
29	Highly Diastereoselective \pm -Arylation of Cyclic Nitriles. <i>Organic Letters</i> , 2017, 19, 3446-3449.	4.6	19
30	Highly Stereoselective Synthesis of Tetrasubstituted Acyclic All-Carbon Olefins via Enol Tosylation and Suzuki-Miyaura Coupling. <i>Journal of the American Chemical Society</i> , 2017, 139, 10777-10783.	13.7	65
31	Lithium Hexamethyldisilazide-Mediated Enolization of Highly Substituted Aryl Ketones: Structural and Mechanistic Basis of the <i>E/Z</i> Selectivities. <i>Journal of the American Chemical Society</i> , 2017, 139, 12182-12189.	13.7	27
32	Synthesis of Highly Stereodefined Tetrasubstituted Acyclic All-Carbon Olefins via a <i>Syn</i> -Elimination Approach. <i>Organic Letters</i> , 2017, 19, 6212-6215.	4.6	21
33	Synthesis of 9,10-Phenanthrenes via Palladium-Catalyzed Aryne Annulation by <i>o</i> -Halostyrenes and Formal Synthesis of (\pm)-Tylophorine. <i>Organic Letters</i> , 2016, 18, 2532-2535.	4.6	45
34	Synthesis of 1-substituted 3-amino-1H-1,2,4-triazoles from ethyl N-(5-phenyl-1,2,4-oxadiazol-3-yl)formimidate. <i>Tetrahedron</i> , 2015, 71, 6164-6169.	1.9	7
35	Negishi Approach to 1,5-Disubstituted 3-Amino-1H-1,2,4-triazoles. <i>Organic Letters</i> , 2015, 17, 4678-4681.	4.6	13
36	A Safe Synthesis of 1,5-Disubstituted 3-Amino-1H-1,2,4-triazoles from 1,3,4-Oxadiazolium Hexafluorophosphates. <i>Synthesis</i> , 2013, 45, 1083-1093.	2.3	17

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37	Synthesis of Annulated $\hat{1}^3$ -Carbolines and Heteropolycycles by the Palladium-Catalyzed Intramolecular Annulation of Alkynes. <i>Journal of Organic Chemistry</i> , 2003, 68, 5132-5138.	3.2	64
38	Synthesis of $\hat{1}^2$ - and $\hat{1}^3$ -Carbolines by the Palladium-Catalyzed Iminoannulation of Alkynes. <i>Journal of Organic Chemistry</i> , 2002, 67, 9318-9330.	3.2	52
39	Synthesis of $\hat{1}^2$ - and $\hat{1}^3$ -Carbolines by the Palladium/Copper-Catalyzed Coupling and Cyclization of Terminal Acetylenes. <i>Journal of Organic Chemistry</i> , 2002, 67, 7048-7056.	3.2	105
40	Synthesis of Annulated $\hat{1}^3$ -Carbolines by Palladium-Catalyzed Intramolecular Iminoannulation. <i>Organic Letters</i> , 2002, 4, 3035-3038.	4.6	39
41	Synthesis of $\hat{1}^2$ - and $\hat{1}^3$ -Carbolines by the Palladium-Catalyzed Iminoannulation of Internal Alkynes. <i>Organic Letters</i> , 2001, 3, 3083-3086.	4.6	106
42	Synthesis of Isoquinolines and Pyridines by the Palladium-Catalyzed Iminoannulation of Internal Alkynes. <i>Journal of Organic Chemistry</i> , 2001, 66, 8042-8051.	3.2	185
43	Combinatorial Screening of Homogeneous Catalysis and Reaction Optimization Based on Multiplexed Capillary Electrophoresis. <i>ACS Combinatorial Science</i> , 2000, 2, 450-452.	3.3	42