Haiming Zhang

List of Publications by Year
in descending order

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43 papers	1,229 citations	471509 17 h-index	377865 34 g-index
43 all docs	43 docs citations	43 times ranked	1205 citing authors

#	Article	IF	Citations
1	Synthesis of Isoquinolines and Pyridines by the Palladium-Catalyzed Iminoannulation of Internal Alkynes. Journal of Organic Chemistry, 2001, 66, 8042-8051.	3.2	185
2	Synthesis of Î²- and Î³-Carbolines by the Palladium-Catalyzed Iminoannulation of Internal Alkynes. Organic Letters, 2001, 3, 3083-3086.	4.6	106
3	Synthesis of Î²- and Î³-Carbolines by the Palladium/Copper-Catalyzed Coupling and Cyclization of Terminal Acetylenes. Journal of Organic Chemistry, 2002, 67, 7048-7056.	3.2	105
4	Catalytic Enantioselective Synthesis of Acyclic Quaternary Centers: Palladium-Catalyzed Decarboxylative Allylic Alkylation of Fully Substituted Acyclic Enol Carbonates. Journal of the American Chemical Society, 2018, 140, 10109-10112.	13.7	72
5	Highly Stereoselective Synthesis of Tetrasubstituted Acyclic All-Carbon Olefins via Enol Tosylation and Suzukiâ€“Miyaura Coupling. Journal of the American Chemical Society, 2017, 139, 10777-10783.	13.7	65
6	Synthesis of AnnulatedÎ³-Carbolines and Heteropolycycles by the Palladium-Catalyzed Intramolecular Annulation of Alkynes. Journal of Organic Chemistry, 2003, 68, 5132-5138.	3.2	64
7	Synthesis of Î²- and Î³-Carbolines by the Palladium-Catalyzed Iminoannulation of Alkynes. Journal of Organic Chemistry, 2002, 67, 9318-9330.	3.2	52
8	Synthesis of 9,10-Phenanthrenes via Palladium-Catalyzed Aryne Annulation by o-Halostyrenes and Formal Synthesis of (Â±)-Tylophorine. Organic Letters, 2016, 18, 2532-2535.	4.6	45
9	Combinatorial Screening of Homogeneous Catalysis and Reaction Optimization Based on Multiplexed Capillary Electrophoresis. ACS Combinatorial Science, 2000, 2, 450-452.	3.3	42
10	Synthesis of AnnulatedÎ³-Carbolines by Palladium-Catalyzed Intramolecular Iminoannulation. Organic Letters, 2002, 4, 3035-3038.	4.6	39
11	Stereoconvergent and -divergent Synthesis of Tetrasubstituted Alkenes by Nickel-Catalyzed Cross-Couplings. Journal of the American Chemical Society, 2021, 143, 19078-19090.	13.7	39
12	Palladium-catalyzed enantioselective decarboxylative allylic alkylation of fully substituted N-acyl indole-derived enol carbonates. Chemical Science, 2019, 10, 5996-6000.	7.4	34
13	Asymmetric Hydrogenation of Unfunctionalized Tetrasubstituted Acyclic Olefins. Angewandte Chemie - International Edition, 2020, 59, 2844-2849.	13.8	30
14	Lithium Hexamethyldisilazide-Mediated Enolization of Highly Substituted Aryl Ketones: Structural and Mechanistic Basis of the E/Z Selectivities. Journal of the American Chemical Society, 2017, 139, 12182-12189.	13.7	27
15	Synthesis of Chiral Tryptamines via a Regioselective Indole Alkylation. Organic Letters, 2018, 20, 5431-5434.	4.6	22
16	Synthesis of Highly Stereodefined Tetrasubstituted Acyclic All-Carbon Olefins via a Syn-Elimination Approach. Organic Letters, 2017, 19, 6212-6215.	4.6	21
17	Highly Diastereoselective Î±-Arylation of Cyclic Nitriles. Organic Letters, 2017, 19, 3446-3449.	4.6	19
18	Macrolactamization Approaches to Arylomycin Antibiotics Core. Organic Letters, 2019, 21, 147-151.	4.6	18

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19	A Safe Synthesis of 1,5-Disubstituted 3-Amino-1H-1,2,4-triazoles from 1,3,4-Oxadiazolium Hexafluorophosphates. Synthesis, 2013, 45, 1083-1093.	2.3	17
20	Magnesium Ethoxide Promoted Conversion of Nitriles to Amidines and Its Application in 5,6-Dihydroimidazobenzoxazepine Synthesis. Organic Letters, 2018, 20, 2624-2627.	4.6	17
21	Synthesis of Selective Estrogen Receptor Degrader GDC-0810 via Stereocontrolled Assembly of a Tetrasubstituted All-Carbon Olefin. Journal of Organic Chemistry, 2018, 83, 11571-11576.	3.2	17
22	Isocanthine Synthesis via Rh(III)-Catalyzed Intramolecular Câ€“H Functionalization. Journal of Organic Chemistry, 2018, 83, 330-337.	3.2	15
23	Palladium-Catalyzed Enantioselective Decarboxylative Allylic Alkylation of Acyclic Î±-N-Pyrrolyl/Indolyl Ketones. Organic Letters, 2020, 22, 4272-4275.	4.6	15
24	Negishi Approach to 1,5-Disubstituted 3-Amino-1H-1,2,4-triazoles. Organic Letters, 2015, 17, 4678-4681.	4.6	13
25	Development of an Efficient Manufacturing Process for Reversible Brutonâ€™s Tyrosine Kinase Inhibitor GDC-0853. Organic Process Research and Development, 2018, 22, 978-990.	2.7	13
26	Palladium-Catalyzed Site-Selective Amidation of Dichloroazines. Organic Letters, 2018, 20, 3902-3906.	4.6	13
27	Two-Step Synthesis of 3,4-Dihydropyrrolopyrazinones from Ketones and Piperazin-2-ones. Organic Letters, 2018, 20, 1252-1255.	4.6	12
28	Synthesis of a Selective Estrogen Receptor Degrader via a Stereospecific Elimination Approach. Organic Letters, 2018, 20, 1114-1117.	4.6	11
29	Palladiumâ€Catalyzed Enantioselective Decarboxylative Allylic Alkylation of Protected Benzoinâ€Derived Enol Carbonates. Advanced Synthesis and Catalysis, 2020, 362, 344-347.	4.3	11
30	Global Diastereoconvergence in the Irelandâ€“Claisen Rearrangement of Isomeric Enolates: Synthesis of Tetrasubstituted Î±-Amino Acids. Journal of the American Chemical Society, 2020, 142, 21938-21947.	13.7	11
31	Convergent Synthesis of PI3K Inhibitor GDC-0908 Featuring Palladium-Catalyzed Direct Câ€“H Arylation toward Dihydrobenzothienooxepines. Journal of Organic Chemistry, 2019, 84, 4796-4802.	3.2	10
32	Process Development of Tryptophan Hydroxylase Inhibitor LX1031, a Drug Candidate for the Treatment of Irritable Bowel Syndrome. Organic Process Research and Development, 2020, 24, 261-273.	2.7	10
33	Phosphoramidates as Steering Elements for Highly Selective Access to Complementary Imidazo[1,2-a]pyrimidine Isomers. Organic Letters, 2019, 21, 9527-9531.	4.6	9
34	Process Development of Sotagliflozin, a Dual Inhibitor of Sodiumâ€“Glucose Cotransporter-1/2 for the Treatment of Diabetes. Organic Process Research and Development, 2020, 24, 2689-2701.	2.7	9
35	Asymmetric Hydrogenation of Unfunctionalized Tetrasubstituted Acyclic Olefins. Angewandte Chemie, 2020, 132, 2866-2871.	2.0	8
36	Synthesis of 1-substituted 3-amino-1H-1,2,4-triazoles from ethyl N-(5-phenyl-1,2,4-oxadiazol-3-yl)formimidate. Tetrahedron, 2015, 71, 6164-6169.	1.9	7

#	Article	IF	Citations
37	An Efficient Second-Generation Manufacturing Process for the pan-RAF Inhibitor Belvarafenib. Organic Process Research and Development, 2021, 25, 2338-2350.	2.7	6
38	Efficient Manufacturing Process for the Selective Estrogen Receptor Degrader GDC-9545 (Giredestrant) via a Crystallization-Driven Diastereoselective Pictetâ€“Spengler Condensation. Organic Process Research and Development, 2022, 26, 568-582.	2.7	5
39	A fit for purpose synthesis of Brutonâ€™s tyrosine kinase inhibitor GDC-0852. Tetrahedron Letters, 2020, 61, 152447.	1.4	4
40	First-Generation Asymmetric Synthesis of the Selective Estrogen Receptor Degrader GDC-9545 (Giredestrant) Featuring a Highly Efficient Pictetâ€“Spengler Reaction and a Câ€“N Coupling Reaction. Organic Process Research and Development, 2022, 26, 560-567.	2.7	4
41	Palladium-catalyzed Î±,Î²-dehydrogenation of acyclic ester equivalents promoted by a novel electron deficient phosphinooxazoline ligand. Tetrahedron, 2019, 75, 4104-4109.	1.9	3
42	Discovery and Development of Non-Covalent, Reversible Brutonâ€™s Tyrosine Kinase Inhibitor Fenebrutinib (GDC-0853). ACS Symposium Series, 2019, , 239-266.	0.5	2
43	Practical Synthesis of a Stable Precursor for Positron Emission Tomography Imaging Agent ¹⁸F-GTP1. Organic Process Research and Development, 2020, 24, 1690-1699.	2.7	2