Yong Jian Zhang

List of Publications by Year
in descending order

38 papers	2,258 citations	279798 23 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	1345 citing authors

#	Article	IF	Citations
1	Pd-Catalyzed Asymmetric Three-Component Allenol Carbopalladation and Allylic Cycloaddition Cascade: A Route to Functionalized Tetrahydrofurans. Organic Letters, 2022, 24, 2081-2086.	4.6	10
2	Phosphorous-phosphorous synergistic effect on flame retardancy, mechanically reinforce and hydrolytic resistance for PC/ABS blends. Polymer Degradation and Stability, 2021, 183, 109442.	5.8	7
3	Palladiumâ€Catalyzed Allylic Cycloaddition of Vinylethylene Carbonates with 3â€Nitrochromone. Asian Journal of Organic Chemistry, 2021, 10, 545-548.	2.7	17
4	Pd-Catalyzed Regio- and Enantioselective Aminoarylation of Allenols with Aryl Iodides and 2-Pyridones. Organic Letters, 2021, 23, 3567-3572.	4.6	17
5	Enantioselective total synthesis of furofuran lignans via Pd-catalyzed asymmetric allylic cycloadditon of vinylethylene carbonates with 2-nitroacrylates. Chemical Communications, 2020, 56, 12431-12434.	4.1	39
6	Practical synthesis of phosphonium salts with orthoformates and their application as flame retardants in polycarbonate. Tetrahedron, 2020, 76, 131107.	1.9	6
7	Enantioselective Synthesis of Isoxazoline N-Oxides via Pd-Catalyzed Asymmetric Allylic Cycloaddition of Nitro-Containing Allylic Carbonates. Organic Letters, 2019, 21, 9045-9049.	4.6	31
8	Pd-Catalyzed Asymmetric Allylic Cycloaddition of N-Containing Allylic Carbonates with Isocyanates. Organic Letters, 2019, 21, 9452-9456.	4.6	19
9	Tandem arylation and regioselective allylic etherification of 2,3-allenol via Pd/B cooperative catalysis. Organic and Biomolecular Chemistry, 2019, 17, 8075-8078.	2.8	8
10	Pd-Catalyzed regio- and enantioselective allylic substitution with 2-pyridones. Chemical Communications, 2019, 55, 13168-13171.	4.1	22
11	Asymmetric Allylic Etherification of Vinylethylene Carbonates with Diols via Pd/B Cooperative Catalysis: A Route to Chiral Hemi-Crown Ethers. Organic Letters, 2019, 21, 9457-9462.	4.6	25
12	Pd-Catalyzed Asymmetric Allylic Cycloaddition of Vinyloxetanes with Formaldehyde. Organic Letters, 2019, 21, 214-217.	4.6	42
13	Pd-Catalyzed asymmetric decarboxylative cycloaddition of vinylethylene carbonates with 3-cyanochromones. Chemical Communications, 2018, 54, 4708-4711.	4.1	82
14	Synergistic effects of synthetic phosphonium sulfonates with expandable graphite on flame retardancy for EVA rubber blends. Polymer Degradation and Stability, 2018, 153, 155-164.	5.8	13
15	Asymmetric Decarboxylative Cycloaddition of Vinylethylene Carbonates with Î²-Nitroolefins by Cooperative Catalysis of Palladium Complex and Squaramide. ACS Catalysis, 2018, 8, 11600-11604.	11.2	114
16	Asymmetric Decarboxylative Cycloaddition of Vinylethylene Carbonates with Aldehydes by Cooperative Catalysis of Palladium Complex and Chiral Squaramide. Acta Chimica Sinica, 2018, 76, 874.	1.4	12
17	Enantioselective Construction of Tertiary Câ€“O Bond via Allylic Substitution of Vinylethylene Carbonates with Water and Alcohols. Journal of the American Chemical Society, 2017, 139, 10733-10741.	13.7	139
18	Ultrasoundâ€Promoted Enantioselective Decarboxylative Protonation of Î±â€Aminomalonate Hemiesters by Chiral Squaramides: A Practical Approach to Both Enantiomers of Î±â€Amino Esters. European Journal of Organic Chemistry, 2017, 2017, 4562-4565.	2.4	7

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19	Cross-coupling of vinylethylene carbonates with arylboronic acids catalyzed by in situ generated palladium nanoparticles in water. Tetrahedron Letters, 2016, 57, 3268-3271.	1.4	14
20	Phosphonium sulfonates as flame retardants for polycarbonate. Polymer Degradation and Stability, 2016, 130, 165-172.	5.8	36
21	Pd-Catalyzed Asymmetric Decarboxylative Cycloaddition of Vinylethylene Carbonates with Imines. Organic Letters, 2015, 17, 6230-6233.	4.6	107
22	Allylâ€“aryl coupling of allylic carbonates with arylboronic acids catalyzed by palladium nanoparticles in ionic liquid. Tetrahedron, 2015, 71, 1712-1717.	1.9	12
23	Palladium-Catalyzed Asymmetric Decarboxylative Cycloaddition of Vinylethylene Carbonates with Electrophiles: Construction of Quaternary Stereocenters. Synlett, 2015, 26, 853-860.	1.8	95
24	Palladiumâ€Catalyzed Enantioselective Decarboxylative Cycloaddition of Vinylethylene Carbonates with Isocyanates. Chemistry - A European Journal, 2015, 21, 120-124.	3.3	111
25	Palladiumâ€Catalyzed Asymmetric Decarboxylative Cycloaddition of Vinylethylene Carbonates with Michael Acceptors: Construction of Vicinal Quaternary Stereocenters. Angewandte Chemie - International Edition, 2014, 53, 11257-11260.	13.8	242
26	Palladiumâ€Catalyzed Decarboxylative Cycloaddition of Vinylethylene Carbonates with Formaldehyde: Enantioselective Construction of Tertiary Vinylglycols. Angewandte Chemie - International Edition, 2014, 53, 6439-6442.	13.8	201
27	Pd-Catalyzed stereospecific allylâ€“aryl coupling of allylic alcohols with arylboronic acids. Chemical Communications, 2013, 49, 9761.	4.1	46
28	Stereospecific Allylâ€“Aryl Coupling Catalyzed by in situ Generated Palladium Nanoparticles in Water under Ambient Conditions. Advanced Synthesis and Catalysis, 2013, 355, 491-498.	4.3	16
29	Pd-Catalyzed Regioselective and Stereospecific Suzukiâ€“Miyaura Coupling of Allylic Carbonates with Arylboronic Acids. Organic Letters, 2012, 14, 390-393.	4.6	53
30	Oligomeric siloxane containing triphenylphosphonium phosphate as a novel flame retardant for polycarbonate. Polymer Degradation and Stability, 2012, 97, 638-644.	5.8	38
31	Organocatalytic Enantioselective Michaelâ€Addition of Malonic Acid Halfâ€Thioesters to Î²â€Nitroolefins: From Mimicry of Polyketide Synthases to Scalable Synthesis of Î³â€Amino Acids. Advanced Synthesis and Catalysis, 2011, 353, 3196-3202.	4.3	128
32	Highly active asymmetric Dielsâ€“Alder reactions catalyzed by C2-symmetric bipyrrolidines: catalyst recycling in water medium and insight into the catalytic mode. Tetrahedron, 2010, 66, 3849-3854.	1.9	23
33	anti-Diastereo- and Enantioselective Carbonyl (Hydroxymethyl)allylation from the Alcohol or Aldehyde Oxidation Level: Allyl Carbonates as Allylmetal Surrogates. Journal of the American Chemical Society, 2010, 132, 4562-4563.	13.7	103
34	Highly efficient asymmetric organocatalytic Friedelâ€“Crafts alkylation of indoles with Î±,Î²-unsaturated aldehydes. Organic and Biomolecular Chemistry, 2010, 8, 4011.	2.8	31
35	C2-Symmetric bipyrrolidines as organocatalysts for asymmetric Dielsâ€“Alder reactions. Tetrahedron Letters, 2009, 50, 7388-7391.	1.4	21
36	Direct Prenylation of Aromatic and Î±,Î²-Unsaturated Carboxamides via Iridium-Catalyzed Câˆ’H Oxidative Additionâˆ’Allene Insertion. Organic Letters, 2009, 11, 4248-4250.	4.6	159

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37	Chelation-Induced Axially Chiral Palladium Complex System with Tetraoxazoline Ligands for Highly Enantioselective Wacker-Type Cyclization. Journal of Organic Chemistry, 2007, 72, 9208-9213.	3.2	58
38	Pdâ€Catalyzed Chemoselective Bisâ€Allylic Substitution of Allylic Dicarbonates with Arylated Nitromethanes: A Route to 1,2â€Oxazine N â€Oxides. Asian Journal of Organic Chemistry, 0, , .	2.7	0