

# Yongming Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,392  
citations

361413  
20  
h-index

330143  
37  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cycloaddition reactions of enoldiazo compounds. <i>Chemical Society Reviews</i> , 2017, 46, 5425-5443.	38.1	220
2	Synergistic cooperative combination of enamine catalysis with transition metal catalysis. <i>Chemical Communications</i> , 2014, 50, 4272-4284.	4.1	155
3	Arylamine-Catalyzed Enamine Formation: Cooperative Catalysis with Arylamines and Acids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3663-3667.	13.8	79
4	Enantioselective cis- $\beta$ -lactam synthesis by intramolecular C-H functionalization from enoldiazoacetamides and derivative donor-acceptor cyclopropenes. <i>Chemical Science</i> , 2015, 6, 2196-2201.	7.4	77
5	Catalytic Asymmetric [3+1]-Cycloaddition Reaction of Ylides with Electrophilic Metalloenolcarbene Intermediates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7479-7483.	13.8	66
6	Highly Regio- and Enantioselective Formal [3 + 2]-Annulation of Indoles with Electrophilic Enol Carbene Intermediates. <i>Organic Letters</i> , 2016, 18, 4550-4553.	4.6	60
7	Chiral Dirhodium(II) Catalysts for Selective Metal Carbene Reactions. <i>Current Organic Chemistry</i> , 2015, 20, 61-81.	1.6	57
8	Catalytic Divergent [3+3]- and [3+2]-Cycloaddition by Discrimination Between Diazo Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12292-12296.	13.8	49
9	Dinitrogen extrusion from enoldiazo compounds under thermal conditions: synthesis of donor-acceptor cyclopropenes. <i>Chemical Communications</i> , 2015, 51, 12924-12927.	4.1	47
10	Reactivity and Selectivity in Catalytic Reactions of Enoldiazoacetamides. Assessment of Metal Carbenes as Intermediates. <i>Organometallics</i> , 2016, 35, 3413-3420.	2.3	42
11	Syntheses of Tetrahydropyridazine and Tetrahydro-1,2-diazepine Scaffolds through Cycloaddition Reactions of Azoalkenes with Enol Diazoacetates. <i>Organic Letters</i> , 2016, 18, 5884-5887.	4.6	41
12	Bis(imino)pyridine iron complexes for catalytic carbene transfer reactions. <i>Chemical Science</i> , 2019, 10, 7958-7963.	7.4	41
13	Synthesis of Chiral Tetrasubstituted Azetidines from Donor-Acceptor Azetidines via Asymmetric Copper(I)-Catalyzed Imido-Ylide [3+1]-Cycloaddition with Metalloenolcarbenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16188-16192.	13.8	40
14	Sc(OTf) <sub>3</sub> -Catalyzed Three-Component Cyclization of Arylamines, $\beta,\beta$ -Unsaturated $\alpha,\beta$ -Ketoesters, and 1,3-Dicarbonyl Compounds for the Synthesis of Highly Substituted 1,4-Dihydropyridines and Tetrahydropyridines. <i>Journal of Organic Chemistry</i> , 2013, 78, 5751-5755.	3.2	34
15	Catalytic Asymmetric Synthesis of Cyclopentyl $\alpha$ -Amino Esters by [3+2] Cycloaddition of Enecarbamates with Electrophilic Metalloenolcarbene Intermediates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10108-10112.	13.8	34
16	ortho-Alkylation of Pyridine N-Oxides with Alkynes by Photocatalysis: Pyridine N-Oxide as a Redox Auxiliary. <i>Chemistry - A European Journal</i> , 2019, 25, 6638-6644.	3.3	32
17	An efficient route to highly enantioenriched tetrahydroazulenes and $\beta$ -tetralones by desymmetrization reactions of $\beta,\beta$ -diaryldiazoacetate. <i>Chemical Communications</i> , 2015, 51, 565-568.	4.1	29
18	Versatile Donor-Acceptor Cyclopropenes in Metal Carbene Transformations. <i>Israel Journal of Chemistry</i> , 2016, 56, 399-408.	2.3	24

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19	Copper-Catalyzed Formal [4+2] Cycloaddition of Enoldiazoimides with Sulfur Ylides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10343-10346.	13.8	22
20	Photoinduced oxidative cyclopropanation of ene-ynamides: synthesis of 3-aza[1.1.0]bicycles via vinyl radicals. <i>Chemical Communications</i> , 2021, 57, 5254-5257.	4.1	22
21	Chiral Bimetallic Catalysts Derived from Chiral Metal Phosphates: Enantioselective Three-Component Asymmetric Aza-Diels-Alder Reactions of Cyclic Ketones. <i>Journal of Organic Chemistry</i> , 2015, 80, 7984-7993.	3.2	20
22	Hg(OTf) <sub>2</sub> Catalyzed Intramolecular 1,4-Addition of Donor-Acceptor Cyclopropenes to Arenes. <i>Organic Letters</i> , 2015, 17, 4312-4315.	4.6	19
23	Chiral donor-acceptor azetines as powerful reactants for synthesis of amino acid derivatives. <i>Nature Communications</i> , 2019, 10, 5328.	12.8	19
24	Catalytic Asymmetric [3+1]-Cycloaddition Reaction of Ylides with Electrophilic Metallo-enolcarbene Intermediates. <i>Angewandte Chemie</i> , 2017, 129, 7587-7591.	2.0	16
25	Catalytic Asymmetric Synthesis of Cyclopentyl $\beta$ -Amino Esters by [3+2] Cycloaddition of Enecarbamates with Electrophilic Metallo-enolcarbene Intermediates. <i>Angewandte Chemie</i> , 2016, 128, 10262-10266.	2.0	15
26	Multicomponent reaction through cooperative trio catalysis incorporating enamine, Brønsted acid and metal Lewis acid catalysis: a concise route to access chromans. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4933-4936.	2.8	15
27	Catalytic Divergent [3+3]- and [3+2]-Cycloaddition by Discrimination Between Diazo Compounds. <i>Angewandte Chemie</i> , 2017, 129, 12460-12464.	2.0	14
28	Nanocapsules of Magnetic Au Self-Assembly for DNA Migration and Secondary Self-Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5348-5357.	8.0	14
29	Trio Catalysis Merging Enamine, Brønsted Acid, and Metal Lewis Acid Catalysis: Asymmetric Three-Component Aza-Diels-Alder Reaction of Substituted Cinnamaldehydes, Cyclic Ketones, and Arylamines. <i>Chemistry - A European Journal</i> , 2015, 21, 7874-7880.	3.3	13
30	Asymmetric [3+3] Cycloaddition for Heterocycle Synthesis. <i>Synlett</i> , 2017, 28, 1695-1706.	1.8	12
31	Synthesis of Chiral Tetrasubstituted Azetidines from Donor-Acceptor Azetines via Asymmetric Copper(I)-Catalyzed Imido-Ylide [3+1]-Cycloaddition with Metallo-enolcarbenes. <i>Angewandte Chemie</i> , 2019, 131, 16334-16338.	2.0	12
32	Unsymmetrically functionalized benzoporphyrins. <i>RSC Advances</i> , 2015, 5, 51489-51492.	3.6	8
33	In situ fabrication and electrochemical behavior of amino acid polyoxometalate nanoparticles-embedded microcapsules. <i>Amino Acids</i> , 2010, 39, 1363-1367.	2.7	7
34	Oxa-Diels-Alder Reaction of Isatins and Acyclic $\beta,\beta$ -Unsaturated Methyl Ketones through Cooperative Dienamine and Metal Lewis Acid Catalysis. <i>Synthesis</i> , 2014, 46, 1339-1347.	2.3	7
35	Copper-Catalyzed Formal [4+2] Cycloaddition of Enoldiazoimides with Sulfur Ylides. <i>Angewandte Chemie</i> , 2018, 130, 10500-10503.	2.0	4
36	Organic Photoredox Catalyzed Direct Hydroamination of Ynamides with Azoles. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	4

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37	The Future of Catalysis by Chiral Lewis Acids. Topics in Organometallic Chemistry, 2015, , 1-25.	0.7	2