

# Tengfei Kang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bimetallic Catalytic Asymmetric Tandem Reaction of $\hat{1}^2$ -Alkynyl Ketones to Synthesize 6,6-Spiroketal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4017-4021.	13.8	69
2	A Chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \hat{2} \langle /i \rangle$ -Dioxide $\hat{2}$ -Zn <sup>II</sup> Complex Catalyzes the Enantioselective [2+2] Cycloaddition of Alkynones with Cyclic Enol Silyl Ethers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5541-5544.	13.8	57
3	Highly Efficient Asymmetric Synthesis of Chiral $\hat{1}^3$ -Alkenyl Butenolides Catalyzed by Chiral $\langle i \rangle N, N \langle /i \rangle$ -Dioxide $\hat{2}$ -Scandium(III) Complexes. <i>ACS Catalysis</i> , 2017, 7, 3763-3767.	11.2	47
4	Asymmetric Catalytic Double Michael Additions for the Synthesis of Spirooxindoles. <i>Chemistry - A European Journal</i> , 2018, 24, 3703-3706.	3.3	35
5	Chiral Zinc(II)-Catalyzed Enantioselective Tandem $\hat{1}^{\pm}$ -Alkenyl Addition/Proton Shift Reaction of Silyl Enol Ethers with Ketimines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2464-2468.	13.8	26
6	Lewis acid-catalyzed asymmetric reactions of $\hat{1}^2, \hat{1}^3$ -unsaturated 2-acyl imidazoles. <i>Nature Communications</i> , 2020, 11, 3869.	12.8	24
7	$\langle i \rangle N, N \hat{2} \langle /i \rangle$ -Dioxide/Zinc Bis(trifluoromethylsulfonyl)imide Complex Catalyzed Enantioselective Diels-Alder Reaction of Cyclopentadiene with Alkynones. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2045-2049.	4.3	22
8	Chiral $N, N \hat{2}$ -dioxide/Sc(OTf) <sub>3</sub> complex-catalyzed asymmetric dearomatization of $\hat{1}^2$ -naphthols. <i>Chemical Communications</i> , 2017, 53, 11759-11762.	4.1	22
9	Organocatalytic Asymmetric Michael/Dieckmann Cyclization Reaction of Alkynones To Construct Spirocyclopentene Oxindoles. <i>Organic Letters</i> , 2019, 21, 6897-6902.	4.6	22
10	Bimetallic Catalytic Asymmetric Tandem Reaction of $\hat{1}^2$ -Alkynyl Ketones to Synthesize 6,6-Spiroketal. <i>Angewandte Chemie</i> , 2019, 131, 4057-4061.	2.0	21
11	A Chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \hat{2} \langle /i \rangle$ -Dioxide $\hat{2}$ -Zn <sup>II</sup> Complex Catalyzes the Enantioselective [2+2] Cycloaddition of Alkynones with Cyclic Enol Silyl Ethers. <i>Angewandte Chemie</i> , 2016, 128, 5631-5634.	2.0	19
12	Enantioselective Imino-Ene Reaction of $\langle i \rangle N \langle /i \rangle$ -Sulfonyl Ketimines with Silyl Enol Ethers: Access to Chiral Benzosultams. <i>Organic Letters</i> , 2020, 22, 1390-1395.	4.6	13
13	Chiral Zinc(II)-Catalyzed Enantioselective Tandem $\hat{1}^{\pm}$ -Alkenyl Addition/Proton Shift Reaction of Silyl Enol Ethers with Ketimines. <i>Angewandte Chemie</i> , 2019, 131, 2486-2490.	2.0	4