

Xing Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enantioselective Synthesis of Chiral Medium-Sized Cyclic Compounds via Tandem Cycloaddition/Cope Rearrangement Strategy. <i>ACS Catalysis</i> , 2019, 9, 1645-1654.	11.2	110
2	Palladium-Catalyzed [5 + 2] Cycloaddition of Vinyloxiranes with Sulfamate-Derived Cyclic Imines To Construct 1,3-Oxazepine Heterocycles. <i>Organic Letters</i> , 2017, 19, 6268-6271.	4.6	58
3	Asymmetric [3 + 3] Annulation of Copper-Allenylidenes with Pyrazolones: Synthesis of Chiral 1,4-Dihydropyrano[2,3- <i>c</i>]pyrazoles. <i>Organic Letters</i> , 2018, 20, 5278-5281.	4.6	57
4	Phosphine-catalyzed [3 + 2] and [4 + 2] annulation reactions of ynones with barbiturate-derived alkenes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5298-5307.	2.8	49
5	Phosphine-catalyzed [5+1] annulation of $\hat{\text{I}}$ -sulfonamido-substituted enones with <i>N</i> -sulfonylimines: a facile synthesis of tetrahydropyridines. <i>Chemical Science</i> , 2018, 9, 1831-1835.	7.4	49
6	Asymmetric Construction of Highly Functionalized Spirobarbiturate-Cyclopentenes through Chiral Phosphine-Catalyzed [3+2] Annulation of Morita-Baylis-Hillman Carbonates with Barbiturate-Derived Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2867-2872.	4.3	48
7	Palladium-Catalyzed [5 + 2] Annulation of Vinyethylene Carbonates with Barbiturate-Derived Alkenes. <i>Organic Letters</i> , 2020, 22, 7158-7163.	4.6	25
8	A chiral squaramide-catalyzed asymmetric dearomative tandem annulation reaction through a kinetic resolution of MBH alcohols: highly enantioselective synthesis of three-dimensional heterocyclic compounds. <i>Chemical Communications</i> , 2019, 55, 10464-10467.	4.1	24
9	Palladium-Catalyzed Asymmetric [3+2] Cycloaddition of Vinyethylene Carbonates with 2-Arylidene-1,3-Indandiones: Synthesis of Tetrahydrofuran-Fused Spirocyclic 1,3-Indandiones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4801-4804.	2.4	11
10	Palladium-catalyzed stereoselective (3 + 2) cycloaddition of vinyethylene carbonates with cyclic <i>N</i> -sulfonyl ketimines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4877-4881.	2.8	11
11	Double [3 + 2] cycloaddition of nitrile oxides with allenoates: Synthesis of spirobidihydroisoxazoles. <i>Chinese Chemical Letters</i> , 2019, 30, 363-366.	9.0	9
12	Thermal [3+2] cycloaddition of <i>N</i> -iminoquiazoline ylides with allenoates for synthesis of tetrahydropyrazoloquinazoline derivatives. <i>Tetrahedron</i> , 2016, 72, 8274-8281.	1.9	8
13	Palladium-Catalyzed (3+3) Annulation of Allenylethylene Carbonates with Nitrile Oxides. <i>Organic Letters</i> , 2021, 23, 5750-5754.	4.6	8
14	Base-Mediated Decarboxylative [3+2] Annulation of Ethynyl Benzoxazinones and Benzimidamides: Synthesis of Imidazole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2066-2070.	4.3	6
15	Diastereodivergent Synthesis of Pyrazoline Derivatives through [3+2] Cycloaddition of Baylis-Hillman Adducts and Nitrilimines. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2781-2791.	2.6	3