

Lixiang Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

233
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Enantioselective Synthesis of Fused Tri- and Tetrasubstituted Aziridines: aza-Darzens Reaction of Cyclic Imines with α -Halogenated Ketones Catalyzed by Bifunctional Phosphonium Salt. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7425-7430.	13.8	76
2	Asymmetric Three-Component Cyclizations toward Structurally Spiro Pyrrolidines via Bifunctional Phosphonium Salt Catalysis. <i>Organic Letters</i> , 2019, 21, 8667-8672.	4.6	36
3	Highly stereoselective construction of polycyclic benzofused tropane scaffolds and their latent bioactivities: bifunctional phosphonium salt-enabled cyclodearomatization process. <i>Science China Chemistry</i> , 2020, 63, 1091-1099.	8.2	35
4	A transition-metal-free multicomponent reaction towards constructing chiral 2 <i>H</i> -1,4-benzoxazine scaffolds. <i>Green Chemistry</i> , 2020, 22, 7506-7512.	9.0	28
5	Bifunctional Phosphonium Salt-catalyzed Enantioselective [4+2] Annulation of Isoindigos with Allenes: Access to Complex Heterocycles with Centerpiece of 4 <i>H</i> -Pyrans. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2510-2516.	4.3	19
6	Highly Enantioselective Synthesis of Fused Tri- and Tetrasubstituted Aziridines: aza-Darzens Reaction of Cyclic Imines with α -Halogenated Ketones Catalyzed by Bifunctional Phosphonium Salt. <i>Angewandte Chemie</i> , 2019, 131, 7503-7508.	2.0	18
7	Enantioselective Synthesis of Atropisomeric Biaryl Phosphorus Compounds by Chiral-Phosphonium-Salt-Enabled Cascade Arene Formation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
8	Enantioselective Synthesis of Atropisomeric Biaryl Phosphorus Compounds by Chiral-Phosphonium-Salt-Enabled Cascade Arene Formation. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
9	Enhanced dewaterability of waste-activated sludge with zero-valent iron-activated persulfate oxidation under mild hydrothermal conditions. <i>Water Science and Technology</i> , 2022, 85, 851-861.	2.5	2