

Yi-Fan Gu

List of Publications by Year in descending order

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8
papers

1,236
citations

1040056

9
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Metalloenzymes: Reaction Scope and Optimization Strategies. <i>Chemical Reviews</i> , 2018, 118, 142-231.	47.7	584
2	Direct Cross-Coupling of C-H Bonds with Grignard Reagents through Cobalt Catalysis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1109-1113.	13.8	165
3	Neocuproine-KOtBu promoted intramolecular cross coupling to approach fused rings. <i>Chemical Communications</i> , 2011, 47, 9813.	4.1	146
4	Direct Arylation of Alkenes with Aryl Iodides/Bromides through an Organocatalytic Radical Process. <i>Chemistry - A European Journal</i> , 2011, 17, 10844-10847.	3.3	112
5	Evolving artificial metalloenzymes via random mutagenesis. <i>Nature Chemistry</i> , 2018, 10, 318-324.	13.6	98
6	Enantioselective Desymmetrization of Methylene-dianilines via Enzyme-Catalyzed Remote Halogenation. <i>Journal of the American Chemical Society</i> , 2018, 140, 546-549.	13.7	35
7	Preparation, Characterization, and Oxygenase Activity of a Photocatalytic Artificial Enzyme. <i>ChemBioChem</i> , 2015, 16, 1880-1883.	2.6	20
8	Controlling the optical and catalytic properties of artificial metalloenzyme photocatalysts using chemogenetic engineering. <i>Chemical Science</i> , 2022, 13, 1459-1468.	7.4	17