

Chen Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,780
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

2300
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Silylation of Unactivated C-H Bonds. <i>Chemical Reviews</i> , 2015, 115, 8946-8975.	47.7	557
2	Rhodium-Catalyzed Intermolecular C-H Silylation of Arenes with High Steric Regiocontrol. <i>Science</i> , 2014, 343, 853-857.	12.6	403
3	Reprogramming normal human epithelial tissues to a common, lethal neuroendocrine cancer lineage. <i>Science</i> , 2018, 362, 91-95.	12.6	217
4	Iridium-Catalyzed Silylation of Aryl C-H Bonds. <i>Journal of the American Chemical Society</i> , 2015, 137, 592-595.	13.7	200
5	Mechanism of the Rhodium-Catalyzed Silylation of Arene C-H Bonds. <i>Journal of the American Chemical Society</i> , 2014, 136, 12064-12072.	13.7	109
6	The histone H3-H4 tetramer is a copper reductase enzyme. <i>Science</i> , 2020, 369, 59-64.	12.6	60
7	Iridium-Catalyzed, Diastereoselective Dehydrogenative Silylation of Terminal Alkenes with (TMSO) ₂ MeSiH. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8984-8989.	13.8	57
8	Trifluoromethylation of Arylsilanes with [(phen)CuCF ₃]. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8054-8057.	13.8	44
9	Cbx3 maintains lineage specificity during neural differentiation. <i>Genes and Development</i> , 2017, 31, 241-246.	5.9	34
10	Polysilylether: A Degradable Polymer from Biorenewable Feedstocks. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11872-11876.	13.8	30
11	Copper-Mediated C-N Coupling of Arylsilanes with Nitrogen Nucleophiles. <i>Organic Letters</i> , 2016, 18, 5244-5247.	4.6	25
12	Trifluoromethylation of Arylsilanes with [(phen)CuCF ₃]. <i>Angewandte Chemie</i> , 2016, 128, 8186-8189.	2.0	11
13	Polysilylether: A Degradable Polymer from Biorenewable Feedstocks. <i>Angewandte Chemie</i> , 2016, 128, 12051-12055.	2.0	7
14	A pathogenic role for histone H3 copper reductase activity in a yeast model of Friedreich's ataxia. <i>Science Advances</i> , 2021, 7, eabj9889.	10.3	6
15	Chromatin as a metabolic organelle: Integrating the cellular flow of carbon with gene expression. <i>Molecular Cell</i> , 2022, 82, 8-9.	9.7	3