

Michael C Young

List of Publications by Year in descending order

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34
papers

1,733
citations

430874

18
h-index

345221

36
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48
all docs

48
docs citations

48
times ranked

2309
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition metal-catalyzed ketone-directed or mediated C-H functionalization. <i>Chemical Society Reviews</i> , 2015, 44, 7764-7786.	38.1	497
2	Catalytic C(sp ³)-H Arylation of Free Primary Amines with an <i>exo</i> Directing Group Generated In Situ. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9084-9087.	13.8	208
3	Endosidin2 targets conserved exocyst complex subunit EXO70 to inhibit exocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E41-50.	7.1	129
4	Carbon Dioxide-Mediated C(sp ³)-H Arylation of Amine Substrates. <i>Journal of the American Chemical Society</i> , 2018, 140, 6818-6822.	13.7	97
5	A Supramolecular Sorting Hat: Stereocontrol in Metal-Ligand Self-Assembly by Complementary Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9832-9836.	13.8	77
6	Narcissistic Self-Sorting in Self-Assembled Cages of Rare Earth Metals and Rigid Ligands. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5641-5645.	13.8	70
7	Carbon Dioxide-Mediated C(sp ²)-H Arylation of Primary and Secondary Benzylamines. <i>Journal of the American Chemical Society</i> , 2019, 141, 7980-7989.	13.7	65
8	Catalytic Coupling between Unactivated Aliphatic C-H Bonds and Alkynes via a Metal-Hydride Pathway. <i>Journal of the American Chemical Society</i> , 2017, 139, 5716-5719.	13.7	56
9	Cooperative Thermodynamic Control of Selectivity in the Self-Assembly of Rare Earth Metal-Ligand Helices. <i>Journal of the American Chemical Society</i> , 2013, 135, 17723-17726.	13.7	55
10	Self-promoted post-synthetic modification of metal-ligand M ₂ L ₃ mesocates. <i>Chemical Communications</i> , 2014, 50, 1378-1380.	4.1	53
11	Catalytic C(sp ³)-H Arylation of Free Primary Amines with an <i>exo</i> Directing Group Generated In Situ. <i>Angewandte Chemie</i> , 2016, 128, 9230-9233.	2.0	51
12	Achiral endohedral functionality provides stereochemical control in Fe(ii)-based self-assemblies. <i>Chemical Communications</i> , 2013, 49, 1627.	4.1	37
13	Spin state modulation of iron spin crossover complexes via hydrogen-bonding self-assembly. <i>Chemical Communications</i> , 2013, 49, 6331.	4.1	35
14	Structural switching in self-assembled metal-ligand helicate complexes via ligand-centered reactions. <i>Chemical Science</i> , 2016, 7, 4423-4427.	7.4	33
15	High fidelity sorting of remarkably similar components via metal-mediated assembly. <i>Chemical Science</i> , 2015, 6, 4801-4806.	7.4	27
16	A Protocol for the <i>Ortho</i> -Deuteration of Acidic Aromatic Compounds in D ₂ O Catalyzed by Cationic Rh ^{III} . <i>Organic Letters</i> , 2019, 21, 7044-7048.	4.6	26
17	Colorimetric barbiturate sensing with hybrid spin crossover assemblies. <i>Chemical Communications</i> , 2014, 50, 5043-5045.	4.1	24
18	A Membrane-Bound Synthetic Receptor that Promotes Growth of a Polymeric Coating at the Bilayer-Water Interface. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7748-7751.	13.8	18

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19	Palladium-Catalyzed β,β -Diarylation of Free Alkenyl Amines. <i>Journal of the American Chemical Society</i> , 2021, 143, 10352-10360.	13.7	17
20	Regioselective β -Deuteration of Michael Acceptors Mediated by Isopropylamine in $D_2O/AcOD$. <i>Organic Letters</i> , 2020, 22, 9745-9750.	4.6	16
21	Palladium-Catalyzed Regioselective Arylation of Unprotected Allylamines. <i>Jacs Au</i> , 2021, 1, 13-22.	7.9	16
22	Hydrocarbon oxidation catalyzed by self-folded metal-coordinated cavitands. <i>Chemical Communications</i> , 2012, 48, 11576.	4.1	14
23	One-Pot α -H Arylation/Lactamization Cascade Reaction of Free Benzylamines. <i>Journal of Organic Chemistry</i> , 2020, 85, 6626-6644.	3.2	14
24	Protein Recognition by a Self-Assembled Deep Cavitand Monolayer on a Gold Substrate. <i>Langmuir</i> , 2012, 28, 1391-1398.	3.5	11
25	Reversible multicomponent self-assembly mediated by bismuth ions. <i>Dalton Transactions</i> , 2013, 42, 8394.	3.3	9
26	Achieving Moderate Pressures in Sealed Vessels Using Dry Ice As a Solid CO_2 Source. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
27	Carbon Dioxide-Driven Palladium-Catalyzed α -H Activation of Amines: A Unified Approach for the Arylation of Aliphatic and Aromatic Primary and Secondary Amines. <i>Synlett</i> , 2019, 30, 519-524.	1.8	8
28	MOF-808 as a recyclable catalyst for the photothermal acetalization of aromatic aldehydes. <i>Tetrahedron</i> , 2021, 85, 132036.	1.9	6
29	Native Amine-Directed ortho- α -H Halogenation and Acetoxylation /Condensation of Benzylamines. <i>Synthesis</i> , 0, , .	2.3	5
30	Amine-directed Mizoroki-Heck arylation of free allylamines. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1967-1974.	4.5	3
31	Teaching an old ligand new tricks. <i>Nature Chemistry</i> , 2020, 12, 12-14.	13.6	2
32	One-dimensional networks formed <i>via</i> the self-assembly of anthracenedibenzoic acid with zinc(II). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1774-1780.	0.5	2
33	A Collection of Recent Examples of Catalysis Using Carboxylate-Based Metal-Organic Frameworks. <i>ACS Symposium Series</i> , 2019, , 167-197.	0.5	1
34	Resorcin[4]arenes: A Convenient Scaffold To Study Supramolecular Self-Assembly and Host:Guest Interactions for the Undergraduate Curriculum. <i>Journal of Chemical Education</i> , 2019, 96, 781-785.	2.3	1