Yutan D Y L Getzler

List of Publications by Year
in descending order

19	1,703	759055 12	839398 18
papers	citations	h-index	g-index

24	24	24	1172
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical recycling to monomer for an ideal, circular polymer economy. Nature Reviews Materials, 2020, 5, 501-516.	23.3	735
2	Synthesis of Î²-Lactones:Â A Highly Active and Selective Catalyst for Epoxide Carbonylation. Journal of the American Chemical Society, 2002, 124, 1174-1175.	6.6	178
3	100th Anniversary of Macromolecular Science Viewpoint: Redefining Sustainable Polymers. ACS Macro Letters, 2021, 10, 41-53.	2.3	162
4	[Lewis Acid]+[Co(CO)4] Complexes: A Versatile Class of Catalysts for Carbonylative Ring Expansion of Epoxides and Aziridines. Angewandte Chemie - International Edition, 2002, 41, 2781-2784.	7.2	158
5	Carbonylation of heterocycles by homogeneous catalysts. Chemical Communications, 2007, , 657.	2.2	100
6	The Mechanism of Epoxide Carbonylation by [Lewis Acid]+[Co(CO)4]-Catalysts. Journal of the American Chemical Society, 2006, 128, 10125-10133.	6.6	93
7	A Readily Synthesized and Highly Active Epoxide Carbonylation Catalyst Based on a Chromium Porphyrin Framework:â€‰ Expanding the Range of Available Î²-Lactones. Organic Letters, 2004, 6, 373-376.	2.4	73
8	Catalytic Carbonylation of Î²-Lactones to Succinic Anhydrides. Journal of the American Chemical Society, 2004, 126, 6842-6843.	6.6	57
9	Lactide Cyclopolymerization by an Alumatrane-Inspired Catalyst. Macromolecules, 2012, 45, 1118-1121.	2.2	53
10	Lactide Cyclopolymerization Kinetics, X-ray Structure, and Solution Dynamics of (^tBu-SalAmEE)Al and a Cautionary Tale Of Polymetalate Formation. Macromolecules, 2013, 46, 3273-3279.	2.2	28
11	Mechanistic Study of Isotactic Poly(propylene oxide) Synthesis using a Tethered Bimetallic Chromium Salen Catalyst. ACS Catalysis, 2020, 10, 8960-8967.	5.5	13
12	Sustainable Polymers: Our Evolving Understanding. Accounts of Chemical Research, 2022, 55, 1869-1878.	7.6	11
13	Special issue â€˜Cyclic polymers: New developmentsâ€™. Reactive and Functional Polymers, 2014, 80, 1-2.	2.0	10
14	Bis{Î¼-4,4â€²,6,6â€²-tetra-tert-butyl-2,2â€²-[N-(2-oxidoethyl)iminodimethylene]diphenolato}dialuminium(III). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m937-m937.	0.2	3
15	Synthesis and crystal structures of some bis(3-methyl-1H-indol-2-yl)(salicyl)methanes. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 65-69.	0.2	1
16	Low strain, more gain. Nature Chemistry, 2021, 13, 719-721.	6.6	1
17	{2-[Bis(3-methyl-1H-indol-2-yl)methyl]phenolato-ÎºO}dimethyl(tetrahydrofuran-ÎºO)aluminium(III). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1353-m1353.	0.2	1
18	A Readily Synthesized and Highly Active Epoxide Carbonylation Catalyst Based on a Chromium Porphyrin Framework: Expanding the Range of Available Î²-Lactones.. ChemInform, 2004, 35, no.	0.1	0

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19	Catalytic Carbonylation of Î²-Lactones to Succinic Anhydrides.. ChemInform, 2004, 35, no.	0.1	0