

Tracy Lohr

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,415
citations

394390

19
h-index

454934

30
g-index

30
all docs

30
docs citations

30
times ranked

2179
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthogonal tandem catalysis. <i>Nature Chemistry</i> , 2015, 7, 477-482.	13.6	354
2	Low-temperature Atomic Layer Deposition of MoS ₂ Films. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4991-4995.	13.8	127
3	Rapid, Mild, and Selective Ketone and Aldehyde Hydroboration/Reduction Mediated by a Simple Lanthanide Catalyst. <i>ACS Catalysis</i> , 2017, 7, 1244-1247.	11.2	115
4	Thermodynamic Strategies for C=O Bond Formation and Cleavage via Tandem Catalysis. <i>Accounts of Chemical Research</i> , 2016, 49, 824-834.	15.6	72
5	Selective Ether/Ester C=O Cleavage of an Acetylated Lignin Model via Tandem Catalysis. <i>ACS Catalysis</i> , 2015, 5, 7004-7007.	11.2	69
6	Highly branched polyethylene oligomers via group IV-catalysed polymerization in very nonpolar media. <i>Nature Catalysis</i> , 2019, 2, 236-242.	34.4	66
7	Scandium-Catalyzed Self-Assisted Polar Co-monomer Enchainment in Ethylene Polymerization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15964-15968.	13.8	63
8	La[N(SiMe ₃) ₂] ₃ -Catalyzed Ester Reductions with Pinacolborane: Scope and Mechanism of Ester Cleavage. <i>ACS Catalysis</i> , 2019, 9, 9015-9024.	11.2	58
9	La[N(SiMe ₃) ₂] ₃ -Catalyzed Deoxygenative Reduction of Amides with Pinacolborane. Scope and Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 8019-8028.	13.7	58
10	Reactivity of a Carbon-Supported Single-Site Molybdenum Dioxo Catalyst for Biodiesel Synthesis. <i>ACS Catalysis</i> , 2016, 6, 6762-6769.	11.2	53
11	Unexpected Precatalyst f-Ligand Effects in Phenoxyimine Zr-Catalyzed Ethylene/1-Octene Copolymerizations. <i>Journal of the American Chemical Society</i> , 2019, 141, 7822-7830.	13.7	37
12	Mono- and tri-ester hydrogenolysis using tandem catalysis. Scope and mechanism. <i>Energy and Environmental Science</i> , 2016, 9, 550-564.	30.8	36
13	Catalyst Nuclearity Effects on Stereo- and Regioinduction in Pyridylamidohafnium-Catalyzed Propylene and 1-Octene Polymerizations. <i>Macromolecules</i> , 2018, 51, 2401-2410.	4.8	29
14	Atomic Layer Deposition of Molybdenum Oxides with Tunable Stoichiometry Enables Controllable Doping of MoS ₂ . <i>Chemistry of Materials</i> , 2018, 30, 3628-3632.	6.7	29
15	Efficient catalytic greenhouse gas-free hydrogen and aldehyde formation from aqueous alcohol solutions. <i>Energy and Environmental Science</i> , 2017, 10, 1558-1562.	30.8	23
16	Metal and Counteranion Nuclearity Effects in Organoscandium-Catalyzed Isoprene Polymerization and Copolymerization. <i>ACS Catalysis</i> , 2017, 7, 5214-5219.	11.2	23
17	Scandium-Catalyzed Self-Assisted Polar Co-monomer Enchainment in Ethylene Polymerization. <i>Angewandte Chemie</i> , 2017, 129, 16180-16184.	2.0	21
18	Cationic Pyridylamido Adsorbate on Brønsted Acidic Sulfated Zirconia: A Molecular Supported Organohafnium Catalyst for Olefin Homo- and Co-Polymerization. <i>ACS Catalysis</i> , 2018, 8, 4893-4901.	11.2	21

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19	Boundary Lubrication Mechanisms for High-Performance Friction Modifiers. ACS Applied Materials & Interfaces, 2018, 10, 40203-40211.	8.0	21
20	Surface vs Homogeneous Organo-Hafnium Catalyst Ion-Pairing and Ligand Effects on Ethylene Homo- and Copolymerizations. ACS Catalysis, 2021, 11, 3239-3250.	11.2	20
21	Second-generation hexavalent molybdenum oxo-amidinate precursors for atomic layer deposition. Dalton Transactions, 2017, 46, 1172-1178.	3.3	17
22	Synthesis, Characterization, and Thermal Properties of <i>N</i> -alkyl β -Diketiminato Manganese Complexes. Inorganic Chemistry, 2018, 57, 3017-3024.	4.0	17
23	Efficient Chemoselective Reduction of <i>N</i> -Oxides and Sulfoxides Using a Carbon-Supported Molybdenum-Dioxo Catalyst and Alcohol. ChemCatChem, 2019, 11, 4139-4146.	3.7	17
24	How Close Is Too Close? Polymerization Behavior and Monomer-Dependent Reorganization of a Bimetallic Salphen Organotitanium Catalyst. Organometallics, 2018, 37, 2429-2436.	2.3	16
25	Low-Temperature Atomic Layer Deposition of MoS ₂ Films. Angewandte Chemie, 2017, 129, 5073-5077.	2.0	15
26	Efficient carbon-supported heterogeneous molybdenum-dioxo catalyst for chemoselective reductive carbonyl coupling. Catalysis Science and Technology, 2017, 7, 2165-2169.	4.1	15
27	Soft-oxidative coupling of methane to ethylene: Mechanistic insights from combined experiment and theory. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
28	Synthesis, structures, photophysical properties, and catalytic characteristics of 2,9-dimesityl-1,10-phenanthroline (dmesp) transition metal complexes. Journal of Polymer Science, 2020, 58, 1130-1143.	3.8	8
29	Alkane-Soluble Bis[tris(alkylphenyl)carbenium] Diborate Cocatalyst for Olefin Polymerizations. ACS Catalysis, 2022, 12, 7589-7597.	11.2	5