Osama El-Sepelgy

List of Publications by Year
in descending order

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23	1,224	567281 15	642732 23
papers	citations	h-index	g-index

24	24	24	1142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic Desaturation of Aliphatic Amides and Imides Enabled by Excited-State Base-Metal Catalysis. ACS Catalysis, 2022, 12, 8868-8876.	11.2	15
2	Reductive depolymerization of plastics catalyzed with transition metal complexes. Current Opinion in Green and Sustainable Chemistry, 2021, 32, 100547.	5.9	13
3	Conversion of racemic alcohols to optically pure amine precursors enabled by catalyst dynamic kinetic resolution: experiment and computation. Chemical Communications, 2020, 56, 9094-9097.	4.1	4
4	Sustainable Alkylation of Nitriles with Alcohols by Manganese Catalysis. Journal of Organic Chemistry, 2019, 84, 7927-7935.	3.2	68
5	Sustainable Manganese-Catalyzed Solvent-Free Synthesis of Pyrroles from 1,4-Diols and Primary Amines. Organic Letters, 2019, 21, 70-74.	4.6	61
6	Manganeseâ€Catalyzed Multicomponent Synthesis of Pyrroles through Acceptorless Dehydrogenation Hydrogen Autotransfer Catalysis: Experiment and Computation. ChemSusChem, 2019, 12, 3083-3088.	6.8	54
7	Catalytic C₁â€…Alkylation with Methanol and Isotopeâ€Labeled Methanol. Angewandte Chemie, 2019, 131, 785-789.	2.0	27
8	Catalytic C₁â€…Alkylation with Methanol and Isotopeâ€Labeled Methanol. Angewandte Chemie - International Edition, 2019, 58, 775-779.	13.8	105
9	Câ€Alkylation of Secondary Alcohols by Primary Alcohols through Manganeseâ€Catalyzed Double Hydrogen Autotransfer. ChemSusChem, 2019, 12, 3099-3102.	6.8	74
10	Cooperative Metalâ€“Ligand Catalyzed Intramolecular Hydroamination and Hydroalkoxylation of Allenes Using a Stable Iron Catalyst. Organic Letters, 2018, 20, 696-699.	4.6	38
11	Highly Chemo- and Stereoselective Transfer Semihydrogenation of Alkynes Catalyzed by a Stable, Well-Defined Manganese(II) Complex. ACS Catalysis, 2018, 8, 4103-4109.	11.2	90
12	Sustainable Alkylation of Unactivated Esters and Amides with Alcohols Enabled by Manganese Catalysis. Organic Letters, 2018, 20, 7779-7783.	4.6	63
13	Hydrogenation of CO₂â€Derived Carbonates and Polycarbonates to Methanol and Diols by Metalâ€“Ligand Cooperative Manganese Catalysis. Angewandte Chemie, 2018, 130, 13627-13631.	2.0	36
14	Hydrogenation of CO₂â€Derived Carbonates and Polycarbonates to Methanol and Diols by Metalâ€“Ligand Cooperative Manganese Catalysis. Angewandte Chemie - International Edition, 2018, 57, 13439-13443.	13.8	147
15	Asymmetric Chemoenzymatic Reductive Acylation of Ketones by a Combined Ironâ€Catalyzed Hydrogenationâ€“Racemization and Enzymatic Resolution Cascade. ChemSusChem, 2017, 10, 1664-1668.	6.8	27
16	Experimental and Computational Study of an Unexpected Ironâ€Catalyzed Carboetherification by Cooperative Metal and Ligand Substrate Interaction and Proton Shuttling. Angewandte Chemie - International Edition, 2017, 56, 14863-14867.	13.8	28
17	Merging Iron Catalysis and Biocatalysisâ€”Iron Carbonyl Complexes as Efficient Hydrogen Autotransfer Catalysts in Dynamic Kinetic Resolutions. Angewandte Chemie - International Edition, 2016, 55, 13602-13605.	13.8	71
18	Chemistry of Pyruvate Enolates: antiâ€Selective Direct Aldol Reactions of Pyruvate Ester with Sugar Aldehydes Promoted by a Dinuclear Zinc Catalyst. Advanced Synthesis and Catalysis, 2015, 357, 2098-2104.	4.3	11

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19	BrÃ¸nsted Acid Catalyzed, Conjugate Addition of Î²â€Dicarbonyls to In Situ Generated orthoâ€Quinone Methidesâ€”Enantioselective Synthesis of 4â€Arylâ€4Hâ€Chromenes. Angewandte Chemie - International Edition, 2014, 53, 7923-7927.	13.8	259
20	Biomimetic Direct Aldol Reaction of Pyruvate Esters with Chiral Aldehydes. Advanced Synthesis and Catalysis, 2013, 355, 281-286.	4.3	7
21	Direct Aldol Reaction of Pyruvic Derivatives: Catalytic Attempt To Synthesize Ulosonic Acids. European Journal of Organic Chemistry, 2012, 2012, 2724-2727.	2.4	15
22	Synthesis and UV absorption of new conjugated quinoxaline 1,4-dioxide derivatives anticipated as tumor imaging and cytotoxic agents. Monatshefte FÃ¼r Chemie, 2010, 141, 1253-1262.	1.8	8
23	One-Pot New Synthetic Method for 3-Amino-2-quinoxalinecarbonitrile. Synthetic Communications, 2010, 40, 739-743.	2.1	3