

Osama El-Sepelgy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8680119/publications.pdf>

Version: 2024-02-01

23
papers

1,224
citations

643344

15
h-index

721071

23
g-index

24
all docs

24
docs citations

24
times ranked

1254
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.	5.5	15
2	Reductive depolymerization of plastics catalyzed with transition metal complexes. Current Opinion in Green and Sustainable Chemistry, 2021, 32, 100547.	3.2	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.	2.2	4
4	Sustainable Alkylation of Nitriles with Alcohols by Manganese Catalysis. Journal of Organic Chemistry, 2019, 84, 7927-7935.	1.7	68
5	Sustainable Manganese-Catalyzed Solvent-Free Synthesis of Pyrroles from 1,4-Diols and Primary Amines. Organic Letters, 2019, 21, 70-74.	2.4	61
6	Manganese-Catalyzed Multicomponent Synthesis of Pyrroles through Acceptorless Dehydrogenation Hydrogen Autotransfer Catalysis: Experiment and Computation. ChemSusChem, 2019, 12, 3083-3088.	3.6	54
7	Catalytic C ₁ -Alkylation with Methanol and Isotope-Labeled Methanol. Angewandte Chemie, 2019, 131, 785-789.	1.6	27
8	Catalytic C ₁ -Alkylation with Methanol and Isotope-Labeled Methanol. Angewandte Chemie - International Edition, 2019, 58, 775-779.	7.2	105
9	C ₁ -Alkylation of Secondary Alcohols by Primary Alcohols through Manganese-Catalyzed Double Hydrogen Autotransfer. ChemSusChem, 2019, 12, 3099-3102.	3.6	74
10	Cooperative Metal-Ligand Catalyzed Intramolecular Hydroamination and Hydroalkoxylation of Allenes Using a Stable Iron Catalyst. Organic Letters, 2018, 20, 696-699.	2.4	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.	5.5	90
12	Sustainable Alkylation of Unactivated Esters and Amides with Alcohols Enabled by Manganese Catalysis. Organic Letters, 2018, 20, 7779-7783.	2.4	63
13	Hydrogenation of CO ₂ -Derived Carbonates and Polycarbonates to Methanol and Diols by Metal-Ligand Cooperative Manganese Catalysis. Angewandte Chemie, 2018, 130, 13627-13631.	1.6	36
14	Hydrogenation of CO ₂ -Derived Carbonates and Polycarbonates to Methanol and Diols by Metal-Ligand Cooperative Manganese Catalysis. Angewandte Chemie - International Edition, 2018, 57, 13439-13443.	7.2	147
15	Asymmetric Chemoenzymatic Reductive Acylation of Ketones by a Combined Iron-Catalyzed Hydrogenation-Racemization and Enzymatic Resolution Cascade. ChemSusChem, 2017, 10, 1664-1668.	3.6	27
16	Experimental and Computational Study of an Unexpected Iron-Catalyzed Carboetherification by Cooperative Metal and Ligand Substrate Interaction and Proton Shuttling. Angewandte Chemie - International Edition, 2017, 56, 14863-14867.	7.2	28
17	Merging Iron Catalysis and Biocatalysis: Iron Carbonyl Complexes as Efficient Hydrogen Autotransfer Catalysts in Dynamic Kinetic Resolutions. Angewandte Chemie - International Edition, 2016, 55, 13602-13605.	7.2	71
18	Chemistry of Pyruvate Enolates: <i>anti</i> -Selective Direct Aldol Reactions of Pyruvate Ester with Sugar Aldehydes Promoted by a Dinuclear Zinc Catalyst. Advanced Synthesis and Catalysis, 2015, 357, 2098-2104.	2.1	11

#	ARTICLE	IF	CITATIONS
19	Brønsted Acid Catalyzed, Conjugate Addition of β -Dicarbonyls to In Situ Generated <i>ortho</i> -Quinone Methides: Enantioselective Synthesis of 4-Aryl-4-H-Chromenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7923-7927.		259
20	Biomimetic Direct Aldol Reaction of Pyruvate Esters with Chiral Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 281-286.	2.1	7
21	Direct Aldol Reaction of Pyruvic Derivatives: Catalytic Attempt To Synthesize Ulosonic Acids. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2724-2727.	1.2	15
22	Synthesis and UV absorption of new conjugated quinoxaline 1,4-dioxide derivatives anticipated as tumor imaging and cytotoxic agents. <i>Monatshefte für Chemie</i> , 2010, 141, 1253-1262.	0.9	8
23	One-Pot New Synthetic Method for 3-Amino-2-quinoxalinecarbonitrile. <i>Synthetic Communications</i> , 2010, 40, 739-743.	1.1	3