BÃ¼sra Dereli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6820221/publications.pdf

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15	397	933447	1058476
papers	citations	10	14
		h-index	g-index

16	16	16	615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perturbing the Copper(III)â€“Hydroxide Unit through Ligand Structural Variation. Journal of the American Chemical Society, 2016, 138, 356-368.	13.7	100
2	Nickel Catalysts for the Dehydrative Decarbonylation of Carboxylic Acids to Alkenes. Organometallics, 2016, 35, 2391-2400.	2.3	47
3	Auâ‹…â‹…â‹…Hâ^'C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. Angewandte Chemie - International Edition, 2021, 60, 21014-21024.	13.8	45
4	The Role of Alkoxide Initiator, Spin State, and Oxidation State in Ring-Opening Polymerization of Îµ-Caprolactone Catalyzed by Iron Bis(imino)pyridine Complexes. Inorganic Chemistry, 2018, 57, 2064-2071.	4.0	34
5	Mechanism of Pd-Catalyzed Decarbonylation of Biomass-Derived Hydrocinnamic Acid to Styrene following Activation as an Anhydride. Inorganic Chemistry, 2016, 55, 4124-4131.	4.0	29
6	Why metalâ€“oxos react with dihydroanthracene and cyclohexadiene at comparable rates, despite having different Câ€“H bond strengths. A computational study. Chemical Communications, 2016, 52, 10509-10512.	4.1	28
7	Operando Elucidation on the Working State of Immobilized Fluorinated Iron Porphyrin for Selective Aqueous Electroreduction of CO₂ to CO. ACS Catalysis, 2021, 11, 6499-6509.	11.2	27
8	Computational Prediction and Experimental Verification of Îµ-Caprolactone Ring-Opening Polymerization Activity by an Aluminum Complex of an Indolide/Schiff-Base Ligand. ACS Catalysis, 2019, 9, 885-889.	11.2	20
9	Accurate Ionization Energies for Mononuclear Copper Complexes Remain a Challenge for Density Functional Theory. ChemPhysChem, 2018, 19, 959-966.	2.1	14
10	Auâ‹…â‹…â‹…Hâ^'C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. Angewandte Chemie, 2021, 133, 21182-21192.	2.0	14
11	High current density microkinetic and electronic structure analysis of CO2 reduction using Co and Fe complexes on gas diffusion electrode. Chem Catalysis, 2022, 2, 1143-1162.	6.1	11
12	Selection of Low-Dimensional 3-D Geometric Descriptors for Accurate Enantioselectivity Prediction. ACS Catalysis, 2022, 12, 6934-6945.	11.2	9
13	Density Functional Modeling of Ligand Effects on Electronic Structure and Câ€“H Bond Activation Activity of Copper(III) Hydroxide Compounds. Inorganic Chemistry, 2018, 57, 9807-9813.	4.0	8
14	Nickelâ€Mediated Enantioselective Photoredox Allylation of Aldehydes with Visible Light. Angewandte Chemie, 0, , .	2.0	8
15	Elucidating the Structural Isomerism of Fluorescent Strigolactone Analogue CISAâ€1. European Journal of Organic Chemistry, 2015, 2015, 1211-1217.	2.4	3