

# BÃ¼sra Dereli

## List of Publications by Year in descending order

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15  
papers

397  
citations

933447

10  
h-index

1058476

14  
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docs citations

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times ranked

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citing authors

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