Claire Fave

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1507673/publications.pdf

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19	630	759233 12	839539 18
papers	citations	h-index	g-index

20	20	20	849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient Visible-Light-Driven CO₂ Reduction by a Cobalt Molecular Catalyst Covalently Linked to Mesoporous Carbon Nitride. Journal of the American Chemical Society, 2020, 142, 6188-6195.	13.7	199
2	Highly Selective Molecular Catalysts for the CO₂-to-CO Electrochemical Conversion at Very Low Overpotential. Contrasting Fe vs Co Quaterpyridine Complexes upon Mechanistic Studies. ACS Catalysis, 2018, 8, 3411-3417.	11.2	141
3	Switching On/Off the Chemisorption of Thioctic-Based Self-Assembled Monolayers on Gold by Applying a Moderate Cathodic/Anodic Potential. Langmuir, 2013, 29, 5360-5368.	3.5	41
4	Electrochemical activation of a tetrathiafulvalene halogen bond donor in solution. Physical Chemistry Chemical Physics, 2016, 18, 15867-15873.	2.8	37
5	Characterization and Subsequent Reactivity of an Fe-Peroxo Porphyrin Generated by Electrochemical Reductive Activation of O₂. Inorganic Chemistry, 2016, 55, 12204-12210.	4.0	31
6	Electrochemically driven interfacial halogen bonding on self-assembled monolayers for anion detection. Chemical Communications, 2019, 55, 1983-1986.	4.1	25
7	Molecular Electrochemical Catalysis of the CO₂-to-CO Conversion with a Co Complex: A Cyclic Voltammetry Mechanistic Investigation. Organometallics, 2019, 38, 1280-1285.	2.3	24
8	Electrochemical controlling and monitoring of halogen bond formation in solution. Chemical Communications, 2014, 50, 14616-14619.	4.1	22
9	Electrochemical activation of halogen bonding. Current Opinion in Electrochemistry, 2019, 15, 89-96.	4.8	21
10	Small-molecule activation with iron porphyrins using electrons, photons and protons: some recent advances and future strategies. Dalton Transactions, 2019, 48, 5869-5878.	3.3	15
11	Electrochemical Activation of TTFâ€Based Halogen Bond Donors: A Powerful, Selective and Sensitive Analytical Tool for Probing a Weak Interaction in Complex Media. ChemistrySelect, 2018, 3, 8874-8880.	1.5	14
12	On the decisive role of the sulfur-based anchoring group in the electro-assisted formation of self-assembled monolayers on gold. Electrochimica Acta, 2017, 257, 165-171.	5.2	13
13	Comparative study of non-covalent interactions between cationic N-phenylviologens and halides by electrochemistry and NMR: the halogen bonding effect. Faraday Discussions, 2017, 203, 301-313.	3.2	12
14	Electroâ€assisted Deposition of Binary Selfâ€Assembled 1,2â€Dithiolane Monolayers on Gold with Predictable Composition. ChemElectroChem, 2016, 3, 1422-1428.	3.4	9
15	Towards redox-switchable organocatalysts based on bidentate halogen bond donors. Physical Chemistry Chemical Physics, 2021, 23, 4344-4352.	2.8	9
16	Electrocatalytic O₂ Activation by Fe Tetrakis(pentafluorophenyl)porphyrin in Acidic Organic Media. Evidence of High-Valent Fe Oxo Species. Inorganic Chemistry, 2020, 59, 11577-11583.	4.0	7
17	Modulating alkene reactivity from oxygenation to halogenation via electrochemical O₂ activation by Mn porphyrin. Chemical Communications, 2021, 57, 1198-1201.	4.1	5
18	Halogen bonding effect on electrochemical anion oxidation in ionic liquids. Organic and Biomolecular Chemistry, 2021, 19, 7587-7593.	2.8	3

#	Article	IF	Citations
19	Sensitive detection of halides and nitrate in organic and aqueous solvents via selective halogen bonding on TTFâ€SAM modified platinum electrodes.. ChemElectroChem, 0, , .	3.4	1