

Teresa Corona Prieto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Heme and Nonheme High-Valent Iron and Manganese Oxo Cores in Biological and Abiological Oxidation Reactions. <i>ACS Central Science</i> , 2019, 5, 13-28.	5.3	275
2	Assessing the Impact of Electronic and Steric Tuning of the Ligand in the Spin State and Catalytic Oxidation Ability of the Fe ^{II} (Pytacn) Family of Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 9229-9244.	1.9	102
3	Reactivity of a Nickel(II) Bis(amidate) Complex with <i>meta</i> -Chloroperbenzoic Acid: Formation of a Potent Oxidizing Species. <i>Chemistry - A European Journal</i> , 2015, 21, 15029-15038.	1.7	82
4	Rapid Hydrogen and Oxygen Atom Transfer by a High-Valent Nickel ^{IV} Oxygen Species. <i>Journal of the American Chemical Society</i> , 2016, 138, 12987-12996.	6.6	66
5	Spectroscopically Characterized Synthetic Mononuclear Nickel ^{IV} Oxygen Species. <i>Chemistry - A European Journal</i> , 2016, 22, 13422-13429.	1.7	42
6	Trapping of a Highly Reactive Oxoiron(IV) Complex in the Catalytic Epoxidation of Olefins by Hydrogen Peroxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4012-4016.	7.2	41
7	Activation of Dioxygen at a Lewis Acidic Nickel(II) Complex: Characterization of a Metastable Organoperoxide Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2307-2311.	7.2	36
8	Characterization and Reactivity Studies of a Terminal Copper ^I Nitrene Species. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14005-14008.	7.2	33
9	Trapping of superoxido cobalt and peroxido dicobalt species formed reversibly from Co ^{II} and O ₂ . <i>Chemical Communications</i> , 2017, 53, 11782-11785.	2.2	33
10	Stoichiometric Formation of an Oxoiron(IV) Complex by a Soluble Methane Monooxygenase Type Activation of O ₂ at an Iron(II)-Cyclam Center. <i>Journal of the American Chemical Society</i> , 2020, 142, 5924-5928.	6.6	27
11	Nucleophilic versus Electrophilic Reactivity of Bioinspired Superoxo Nickel(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14883-14887.	7.2	18
12	Nitrous oxide activation by a cobalt(^{II}) complex for aldehyde oxidation under mild conditions. <i>Dalton Transactions</i> , 2016, 45, 14530-14533.	1.6	17
13	Trapping of a Highly Reactive Oxoiron(IV) Complex in the Catalytic Epoxidation of Olefins by Hydrogen Peroxide. <i>Angewandte Chemie</i> , 2019, 131, 4052-4056.	1.6	13
14	Activation of Dioxygen at a Lewis Acidic Nickel(II) Complex: Characterization of a Metastable Organoperoxide Complex. <i>Angewandte Chemie</i> , 2017, 129, 2347-2351.	1.6	12
15	Water Oxidation Reaction Mediated by an Octanuclear Iron ^{IV} Oxo Cluster. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4925-4929.	1.0	12
16	Highly Selective and Catalytic Oxygenations of C-H and C=C Bonds by a Mononuclear Nonheme High-Spin Iron(III)Alkylperoxo Species. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12534-12539.	7.2	8
17	Migration of Components from Cork Stoppers to Food: Challenges in Determining Inorganic Elements in Food Simulants. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5690-5698.	2.4	5
18	Highly Selective and Catalytic Oxygenations of C-H and C=C Bonds by a Mononuclear Nonheme High-Spin Iron(III)Alkylperoxo Species. <i>Angewandte Chemie</i> , 2019, 131, 12664-12669.	1.6	4

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19	Nucleophilic versus Electrophilic Reactivity of Bioinspired Superoxido Nickel(II) Complexes. <i>Angewandte Chemie</i> , 2018, 130, 15099-15103.	1.6	2
20	Water Oxidation Reaction Mediated by an Octanuclear Iron- μ -Oxo Cluster. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4930-4931.	1.0	1
21	5. Oxidation of methane: methane monooxygenases. , 2020, , 207-240.		0