M Qadri E Mubarak

List of Publications by Year
in descending order

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15 papers	328 citations	933447 10 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	312 citing authors

#	Article	IF	Citations
1	Inspiration from Nature: Influence of Engineered Ligand Scaffolds and Auxiliary Factors on the Reactivity of Biomimetic Oxidants. ACS Catalysis, 2021, 11, 9761-9797.	11.2	54
2	Computational Study on the Catalytic Reaction Mechanism of Heme Haloperoxidase Enzymes. Israel Journal of Chemistry, 2020, 60, 963-972.	2.3	5
3	Hydroxyl Transfer to Carbon Radicals by Mn(OH) vs Fe(OH) Corrole Complexes. Inorganic Chemistry, 2020, 59, 16053-16064.	4.0	24
4	How Do Vanadium Chloroperoxidases Generate Hypochlorite from Hydrogen Peroxide and Chloride? A Computational Study. ACS Catalysis, 2020, 10, 14067-14079.	11.2	19
5	Catalytic Mechanism of Aromatic Nitration by Cytochrome P450 TxtE: Involvement of a Ferric-Peroxynitrite Intermediate. Journal of the American Chemical Society, 2020, 142, 15764-15779.	13.7	55
6	How Does Replacement of the Axial Histidine Ligand in Cytochrome c Peroxidase by NÎ´-Methyl Histidine Affect Its Properties and Functions? A Computational Study. International Journal of Molecular Sciences, 2020, 21, 7133.	4.1	5
7	Second-Coordination Sphere Effect on the Reactivity of Vanadiumâ€“Peroxo Complexes: A Computational Study. Inorganic Chemistry, 2019, 58, 15741-15750.	4.0	7
8	Properties and reactivity of Î¼-nitrido-bridged dimetal porphyrinoid complexes: how does ruthenium compare to iron?. Journal of Biological Inorganic Chemistry, 2019, 24, 1127-1134.	2.6	5
9	Flavonol biosynthesis by nonheme iron dioxygenases: A computational study into the structure and mechanism. Journal of Inorganic Biochemistry, 2019, 198, 110728.	3.5	17
10	Hydrogen Atom Abstraction by High-Valent Fe(OH) versus Mn(OH) Porphyrinoid Complexes: Mechanistic Insights from Experimental and Computational Studies. Inorganic Chemistry, 2019, 58, 16761-16770.	4.0	24
11	Reactivity patterns of vanadium(<scp>iv</scp>/<scp>v</scp>)-oxo complexes with olefins in the presence of peroxides: a computational study. Dalton Transactions, 2019, 48, 16899-16910.	3.3	12
12	Selective Formation of an Fe^{IV}O or an Fe^{III}OOH Intermediate From Iron(II) and H₂O₂: Controlled Heterolytic versus Homolytic Oxygenâ€“Oxygen Bond Cleavage by the Second Coordination Sphere. Angewandte Chemie - International Edition, 2019, 58, 854-858.	13.8	54
13	Selective Formation of an Fe^{IV}O or an Fe^{III}OOH Intermediate From Iron(II) and H₂O₂: Controlled Heterolytic versus Homolytic Oxygenâ€“Oxygen Bond Cleavage by the Second Coordination Sphere. Angewandte Chemie, 2019, 131, 864-868.	2.0	25
14	Kinetics of Surfactin Production by Bacillus subtilis in a 5 L Stirred-tank Bioreactor. Sains Malaysiana, 2017, 46, 1541-1548.	0.5	8
15	A Simple and Effective Isocratic HPLC Method for Fast Identification and Quantification of Surfactin. Sains Malaysiana, 2015, 44, 115-120.	0.5	14