Pradip Kumar Das

List of Publications by Year
in descending order

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12	432	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resonance Raman Spectroscopy and Density Functional Theory Calculations on Ferrous Porphyrin Dioxygen Adducts with Different Axial Ligands: Correlation of Ground State Wave Function and Geometric Parameters with Experimental Vibrational Frequencies. Inorganic Chemistry, 2019, 58, 10704-10715.	4.0	13
2	Investigation of Bridgehead Effects on Reduction Potential in Alkyl and Aryl Azadithiolateâ€Bridged (Âµâ€SCH 2 XCH 2 S) [Fe(CO) 3] 2 Synthetic Analogues of [FeFe]â€H 2 ase Active Site. European Journal of Inorganic Chemistry, 2018, 2018, 3633-3643.	2.0	7
3	Valence tautomerism in synthetic models of cytochrome P450. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6611-6616.	7.1	33
4	Concerted Protonâ€“Electron Transfer in Electrocatalytic O₂ Reduction by Iron Porphyrin Complexes: Axial Ligands Tuning H/D Isotope Effect. Inorganic Chemistry, 2015, 54, 2383-2392.	4.0	62
5	Effect of axial ligands on electronic structure andO₂reduction by iron porphyrin complexes: Towards a quantitative understanding of the "push effect". Journal of Porphyrins and Phthalocyanines, 2015, 19, 92-108.	0.8	35
6	Tuning the thermodynamic onset potential of electrocatalytic O₂reduction reaction by synthetic ironâ€“porphyrin complexes. Chemical Communications, 2015, 51, 10010-10013.	4.1	40
7	Spectroscopic characterization of a phenolate bound Fe^{II}â€“O₂adduct: gauging the relative â€œpushâ€•effect of a phenolate axial ligand. Chemical Communications, 2014, 50, 5218-5220.	4.1	21
8	Resonance Raman, Electron Paramagnetic Resonance, and Density Functional Theory Calculations of a Phenolate-Bound Iron Porphyrin Complex: Electrostatic versus Covalent Contribution to Bonding. Inorganic Chemistry, 2014, 53, 7361-7370.	4.0	13
9	Electrocatalytic O₂ Reduction by [Fe-Fe]-Hydrogenase Active Site Models. Journal of the American Chemical Society, 2014, 136, 8847-8850.	13.7	51
10	Electrocatalytic O₂ Reduction Reaction by Synthetic Analogues of Cytochrome P450 and Myoglobin: In-Situ Resonance Raman and Dynamic Electrochemistry Investigations. Inorganic Chemistry, 2013, 52, 9897-9907.	4.0	50
11	O2 Reduction Reaction by Biologically Relevant Anionic Ligand Bound Iron Porphyrin Complexes. Inorganic Chemistry, 2013, 52, 12963-12971.	4.0	60
12	EPR, Resonance Raman, and DFT Calculations on Thiolate- and Imidazole-Bound Iron(III) Porphyrin Complexes: Role of the Axial Ligand in Tuning the Electronic Structure. Inorganic Chemistry, 2012, 51, 10704-10714.	4.0	47