F Hafna Ahmed

List of Publications by Year
in descending order

13 papers	404 citations	1163117 8 h-index	1588992 8 g-index
14 all docs	14 docs citations	14 times ranked	511 citing authors

#	Article	IF	Citations
1	Physiology, Biochemistry, and Applications of F_{420}- and F_o-Dependent Redox Reactions. Microbiology and Molecular Biology Reviews, 2016, 80, 451-493.	6.6	136
2	Sequence–Structure–Function Classification of a Catalytically Diverse Oxidoreductase Superfamily in Mycobacteria. Journal of Molecular Biology, 2015, 427, 3554-3571.	4.2	67
3	The methanogenic redox cofactor F420 is widely synthesized by aerobic soil bacteria. ISME Journal, 2017, 11, 125-137.	9.8	66
4	Predicting nitroimidazole antibiotic resistance mutations in Mycobacterium tuberculosis with protein engineering. PLoS Pathogens, 2020, 16, e1008287.	4.7	51
5	Rv2074 is a novel F 420 H 2 –dependent biliverdin reductase in Mycobacterium tuberculosis. Protein Science, 2016, 25, 1692-1709.	7.6	31
6	Protonation state of $F_{420}H_2$ in the prodrug-activating deazaflavin dependent nitroreductase (Ddn) from Mycobacterium tuberculosis. Molecular BioSystems, 2016, 12, 1110-1113.	2.9	20
7	Hydrophobic Shielding Drives Catalysis of Hydride Transfer in a Family of $F_{420}H_2$-Dependent Enzymes. Biochemistry, 2016, 55, 6908-6918.	2.5	15
8	FAD-sequestering proteins protect mycobacteria against hypoxic and oxidative stress. Journal of Biological Chemistry, 2019, 294, 2903-5814.	3.4	14
9	Over the rainbow: structural characterization of the chromoproteins gfasPurple, amilCP, spisPink and eforRed. Acta Crystallographica Section D: Structural Biology, 2022, 78, 599-612.	2.3	2
10	Title is missing!. , 2020, 16, e1008287.		0
11	Title is missing!. , 2020, 16, e1008287.		0
12	Title is missing!. , 2020, 16, e1008287.		0
13	Title is missing!. , 2020, 16, e1008287.		0