

Muhammad A Hagrass

List of Publications by Year in descending order

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11
papers

100
citations

1307594

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1372567

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11
all docs

11
docs citations

11
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory complex I: Bottleneck at the entrance of quinone site requires conformational change for its opening. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148326.	1.0	12
2	Computational Modeling of the Disulfide Cross-Linking Reaction. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9840-9851.	2.6	9
3	Mutations in NDUF51 Cause Metabolic Reprogramming and Disruption of the Electron Transfer. <i>Cells</i> , 2019, 8, 1149.	4.1	30
4	Concerted Two-Electron Reduction of Ubiquinone in Respiratory Complex I. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5265-5273.	2.6	9
5	Polarizable Embedding for Excited-State Reactions: Dynamically Weighted Polarizable QM/MM. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2137-2144.	5.3	15
6	Electron tunneling in proteins program. <i>Journal of Computational Chemistry</i> , 2016, 37, 1388-1395.	3.3	3
7	Novel Inhibitors for a Novel Binding Site in Respiratory Complex III. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2701-2708.	2.6	4
8	Internal switches modulating electron tunneling currents in respiratory complex III. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 749-758.	1.0	2
9	Internal Switches Modulating Electron Flow in bc1 Complex. <i>Biophysical Journal</i> , 2015, 108, 603a.	0.5	0
10	Transition Flux Formula for the Electronic Coupling Matrix Element. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7712-7721.	2.6	8
11	Quantum Calculations of Electron Tunneling in Respiratory Complex III. <i>Journal of Physical Chemistry B</i> , 2015, 119, 14637-14651.	2.6	8