John J Wright

List of Publications by Year
in descending order

11	302	1039406 9	1281420 11
papers	citations	h-index	g-index

13	13	13	344
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reverse Electron Transfer by Respiratory Complex I Catalyzed in a Modular Proteoliposome System. Journal of the American Chemical Society, 2022, 144, 6791-6801.	6.6	15
2	Cryo-EM structures define ubiquinone-10 binding to mitochondrial complex I and conformational transitions accompanying Q-site occupancy. Nature Communications, 2022, 13, 2758.	5.8	38
3	A conserved arginine residue is critical for stabilizing the N2 FeS cluster in mitochondrial complex I. Journal of Biological Chemistry, 2021, 296, 100474.	1.6	7
4	Paracoccus denitrificans: a genetically tractable model system for studying respiratory complex I. Scientific Reports, 2021, 11, 10143.	1.6	12
5	Functional basis of electron transport within photosynthetic complex I. Nature Communications, 2021, 12, 5387.	5.8	13
6	Structure of inhibitor-bound mammalian complex I. Nature Communications, 2020, 11, 5261.	5.8	68
7	Using a chimeric respiratory chain and EPR spectroscopy to determine the origin of semiquinone species previously assigned to mitochondrial complex I. BMC Biology, 2020, 18, 54.	1.7	17
8	Using Hyperfine Electron Paramagnetic Resonance Spectroscopy to Define the Proton-Coupled Electron Transfer Reaction at Feâ€“S Cluster N2 in Respiratory Complex I. Journal of the American Chemical Society, 2017, 139, 16319-16326.	6.6	32
9	Retuning the Catalytic Bias and Overpotential of a [NiFe]-Hydrogenase via a Single Amino Acid Exchange at the Electron Entry/Exit Site. Journal of the American Chemical Society, 2017, 139, 10677-10686.	6.6	62
10	Small-volume potentiometric titrations: EPR investigations of Fe-S cluster N2 in mitochondrial complex I. Journal of Inorganic Biochemistry, 2016, 162, 201-206.	1.5	17
11	Re-engineering a NiFe hydrogenase to increase the H₂production bias while maintaining native levels of O₂tolerance. Chemical Communications, 2016, 52, 9133-9136.	2.2	21