

John J Wright

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9592331/publications.pdf>

Version: 2024-02-01

11
papers

302
citations

1039406

9
h-index

1281420

11
g-index

13
all docs

13
docs citations

13
times ranked

344
citing authors

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