

Andrew M Hartley

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

414
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of yeast cytochrome c oxidase in a supercomplex with cytochrome bc1. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 78-83.	8.2	121
2	Promotion of protocell self-assembly from mixed amphiphiles at the origin of life. <i>Nature Ecology and Evolution</i> , 2019, 3, 1705-1714.	7.8	110
3	Rcf2 revealed in cryo-EM structures of hypoxic isoforms of mature mitochondrial III-IV supercomplexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9329-9337.	7.1	40
4	Precision Templated Bottom-Up Multiprotein Nanoassembly through Defined Click Chemistry Linkage to DNA. <i>ACS Nano</i> , 2017, 11, 5003-5010.	14.6	35
5	A common coupling mechanism for A-type heme-copper oxidases from bacteria to mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9349-9355.	7.1	32
6	Functional modulation and directed assembly of an enzyme through designed non-natural post-translation modification. <i>Chemical Science</i> , 2015, 6, 3712-3717.	7.4	19
7	Molecular basis for functional switching of GFP by two disparate non-native post-translational modifications of a phenyl azide reaction handle. <i>Chemical Science</i> , 2016, 7, 6484-6491.	7.4	18
8	Genetically encoded phenyl azide photochemistry drives positive and negative functional modulation of a red fluorescent protein. <i>RSC Advances</i> , 2015, 5, 77734-77738.	3.6	15
9	Proton-transfer pathways in the mitochondrial <i>S. cerevisiae</i> cytochrome c oxidase. <i>Scientific Reports</i> , 2019, 9, 20207.	3.3	10
10	Defined covalent assembly of protein molecules on graphene using a genetically encoded photochemical reaction handle. <i>RSC Advances</i> , 2018, 8, 5768-5775.	3.6	8
11	Comparison of redox and ligand binding behaviour of yeast and bovine cytochrome c oxidases using FTIR spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 705-711.	1.0	4
12	Cryo-EM structure of a monomeric yeast <i>S. cerevisiae</i> complex IV isolated with maltosides: Implications in supercomplex formation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148591.	1.0	2