Felicity H Alcock

List of Publications by Year
in descending order

22	731	516710 16	677142 22
papers	citations	h-index	g-index

26	26	26	835
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conserved Motifs Reveal Details of Ancestry and Structure in the Small TIM Chaperones of the Mitochondrial Intermembrane Space. Molecular Biology and Evolution, 2007, 24, 1149-1160.	8.9	86
2	Live cell imaging shows reversible assembly of the TatA component of the twin-arginine protein transport system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3650-9.	7.1	69
3	Assembling the Tat protein translocase. ELife, 2016, 5, .	6.0	62
4	The Structural Basis of the TIM10 Chaperone Assembly. Journal of Biological Chemistry, 2004, 279, 18959-18966.	3.4	54
5	Minor modifications and major adaptations: The evolution of molecular machines driving mitochondrial protein import. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 947-954.	2.6	54
6	Mammalian OS-9 Is Upregulated in Response to Endoplasmic Reticulum Stress and Facilitates Ubiquitination of Misfolded Glycoproteins. Journal of Molecular Biology, 2009, 385, 1032-1042.	4.2	49
7	Structure and mechanism of the proton-driven motor that powers type 9 secretion and gliding motility. Nature Microbiology, 2021, 6, 221-233.	13.3	47
8	Commensal Escherichia coli are a reservoir for the transfer of XDR plasmids into epidemic fluoroquinolone-resistant Shigella sonnei. Nature Microbiology, 2020, 5, 256-264.	13.3	43
9	Distinct Domains of Small Tims Involved in Subunit Interaction and Substrate Recognition. Journal of Molecular Biology, 2005, 351, 839-849.	4.2	40
10	Tinkering Inside the Organelle. Science, 2010, 327, 649-650.	12.6	40
11	Conserved substrate binding by chaperones in the bacterial periplasm and the mitochondrial intermembrane space. Biochemical Journal, 2008, 409, 377-387.	3.7	31
12	The TatC component of the twinâ€arginine protein translocase functions as an obligate oligomer. Molecular Microbiology, 2015, 98, 111-129.	2.5	27
13	A signal sequence suppressor mutant that stabilizes an assembled state of the twin arginine translocase. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1958-E1967.	7.1	27
14	A Small Tim Homohexamer in the Relict Mitochondrion of Cryptosporidium. Molecular Biology and Evolution, 2012, 29, 113-122.	8.9	22
15	Evolution of mitochondrial TAT translocases illustrates the loss of bacterial protein transport machines in mitochondria. BMC Biology, 2018, 16, 141.	3.8	21
16	Mutation of Conserved Charged Residues in Mitochondrial TIM10 Subunits Precludes TIM10 Complex Assembly, but Does not Abolish Growth of Yeast Cells. Journal of Molecular Biology, 2007, 371, 1315-1324.	4.2	17
17	Mitochondrial ATPâ€independent chaperones. IUBMB Life, 2009, 61, 909-914.	3.4	12
18	Complementing structural information of modular proteins with small angle neutron scattering and contrast variation. European Biophysics Journal, 2008, 37, 603-611.	2.2	9

#	Article	IF	Citations
19	In vivo experiments do not support the charge zipper model for Tat translocase assembly. ELife, 2017, 6, .	6.0	9
20	An investigation into the Omp85 protein BamK in hypervirulent Klebsiella pneumoniae, and its role in outer membrane biogenesis. Molecular Microbiology, 2018, 109, 584-599.	2.5	5
21	Activation of a bacterial killing machine. PLoS Genetics, 2021, 17, e1009261.	3.5	5
22	Single-Molecule Fluorescence Imaging to Determine the Stoichiometry of the Twin-Arginine Translocase. Biophysical Journal, 2016, 110, 570a.	0.5	0