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	Activation of a bacterial killing machine. PLoS Genetics, 2021, 17, e1009261.	3.5	5
2	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
3	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
4	Evolution of mitochondrial TAT translocases illustrates the loss of bacterial protein transport machines in mitochondria. BMC Biology, 2018, 16, 141.	3.8	21
5	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
6	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
7	In vivo experiments do not support the charge zipper model for Tat translocase assembly. ELife, 2017, 6, .	6.0	9
8	Assembling the Tat protein translocase. ELife, 2016, 5, .	6.0	62
9	Single-Molecule Fluorescence Imaging to Determine the Stoichiometry of the Twin-Arginine Translocase. Biophysical Journal, 2016, 110, 570a.	0.5	0
10	The TatC component of the twinâ€arginine protein translocase functions as an obligate oligomer. Molecular Microbiology, 2015, 98, 111-129.	2.5	27
11	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
12	A Small Tim Homohexamer in the Relict Mitochondrion of Cryptosporidium. Molecular Biology and Evolution, 2012, 29, 113-122.	8.9	22
13	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
14	Tinkering Inside the Organelle. Science, 2010, 327, 649-650.	12.6	40
15	Mitochondrial ATPâ€independent chaperones. IUBMB Life, 2009, 61, 909-914.	3.4	12
16	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
17	Complementing structural information of modular proteins with small angle neutron scattering and contrast variation. European Biophysics Journal, 2008, 37, 603-611.	2.2	9
18	Conserved substrate binding by chaperones in the bacterial periplasm and the mitochondrial intermembrane space. Biochemical Journal, 2008, 409, 377-387.	3.7	31

#	Article	IF	Citations
19	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
20	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
21	Distinct Domains of Small Tims Involved in Subunit Interaction and Substrate Recognition. Journal of Molecular Biology, 2005, 351, 839-849.	4.2	40
22	The Structural Basis of the TIM10 Chaperone Assembly. Journal of Biological Chemistry, 2004, 279, 18959-18966.	3.4	54