Damon R Huber

List of Publications by Year
in descending order

20 papers	1,358 citations	687363 13 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	1746 citing authors

#	Article	IF	Citations
1	Selective Ribosome Profiling Reveals the Cotranslational Chaperone Action of Trigger Factor InÂVivo. Cell, 2011, 147, 1295-1308.	28.9	419
2	The DsbA Signal Sequence Directs Efficient, Cotranslational Export of Passenger Proteins to the Escherichia coli Periplasm via the Signal Recognition Particle Pathway. Journal of Bacteriology, 2003, 185, 5706-5713.	2.2	183
3	Use of Thioredoxin as a Reporter To Identify a Subset of Escherichia coli Signal Sequences That Promote Signal Recognition Particle-Dependent Translocation. Journal of Bacteriology, 2005, 187, 2983-2991.	2.2	128
4	SecA Interacts with Ribosomes in Order to Facilitate Posttranslational Translocation in Bacteria. Molecular Cell, 2011, 41, 343-353.	9.7	90
5	Evidence for phospholipid export from the bacterial inner membrane by the Mla ABC transport system. Nature Microbiology, 2019, 4, 1692-1705.	13.3	88
6	Integrating Protein Homeostasis Strategies in Prokaryotes. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004366-a004366.	5.5	82
7	The way is the goal: how SecA transports proteins across the cytoplasmic membrane in bacteria. FEMS Microbiology Letters, 2018, 365, .	1.8	64
8	SecA Cotranslationally Interacts with Nascent Substrate Proteins In Vivo. Journal of Bacteriology, 2017, 199, .	2.2	59
9	A conserved extended signal peptide region directs posttranslational protein translocation via a novel mechanism. Microbiology (United Kingdom), 2007, 153, 59-70.	1.8	58
10	High Copy Number Plasmids Compatible with Commonly Used Cloning Vectors. BioTechniques, 2000, 28, 400-408.	1.8	55
11	A selection for mutants that interfere with folding of Escherichia coli thioredoxin-1 in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18872-18877.	7.1	42
12	Deletions in a ribosomal protein-coding gene are associated with tigecycline resistance in Enterococcus faecium. International Journal of Antimicrobial Agents, 2015, 46, 572-575.	2.5	32
13	Genetic selection for and molecular dynamic modeling of a protein transmembrane domain multimerization motif from a random Escherichia coli genomic library 1 1Edited by G. von Heijne. Journal of Molecular Biology, 2001, 313, 181-195.	4.2	24
14	DegP: a Protein â€œDeath Starâ€• Structure, 2008, 16, 989-990.	3.3	10
15	The C-terminal tail of the bacterial translocation ATPase SecA modulates its activity. ELife, 2019, 8, .	6.0	9
16	How Quality Control Systems AID Sec-Dependent Protein Translocation. Frontiers in Molecular Biosciences, 2021, 8, 669376.	3.5	5
17	Iron is a ligand of SecA-like metal-binding domains in vivo. Journal of Biological Chemistry, 2020, 295, 7516-7528.	3.4	3
18	Amino Acid Residues Important for Folding of Thioredoxin Are Revealed Only by Study of the Physiologically Relevant Reduced Form of the Protein. Biochemistry, 2010, 49, 8922-8928.	2.5	2

#	Article	IF	Citations
19	Phage display extends its reach. Nature Biotechnology, 2006, 24, 793-794.	17.5	1
20	Position effects on promoter activity in Escherichia coli and their consequences for antibiotic-resistance determinants. Biochemical Society Transactions, 2019, 47, 839-845.	3.4	1