Elizabeth B Sawyer

List of Publications by Year
in descending order

18	426	840776 11	888059 17
papers	citations	h-index	g-index

20	20	20	728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalloprotein design using genetic code expansion. Chemical Society Reviews, 2014, 43, 6498-6510.	38.1	72
2	The Assembly of Individual Chaplin Peptides from Streptomyces coelicolor into Functional Amyloid Fibrils. PLoS ONE, 2011, 6, e18839.	2.5	55
3	Structural Insights into Serine-rich Fimbriae from Gram-positive Bacteria. Journal of Biological Chemistry, 2010, 285, 32446-32457.	3.4	48
4	Selfâ€Assembly of Amyloid Fibrils That Display Active Enzymes. ChemCatChem, 2014, 6, 1961-1968.	3.7	34
5	Exploiting amyloid: how and why bacteria use cross-Î² fibrils. Biochemical Society Transactions, 2012, 40, 728-734.	3.4	33
6	Rational Heme Protein Design: All Roads Lead to Rome. Chemistry - an Asian Journal, 2013, 8, 2534-2544.	3.3	31
7	Translational regulation in mycobacteria and its implications for pathogenicity. Nucleic Acids Research, 2018, 46, 6950-6961.	14.5	25
8	The propensity of the bacterial rodlin protein RdlB to form amyloid fibrils determines its function in Streptomyces coelicolor. Scientific Reports, 2017, 7, 42867.	3.3	22
9	Preclinical detection of infectivity and disease-specific PrP in blood throughout the incubation period of prion disease. Scientific Reports, 2015, 5, 17742.	3.3	21
10	Variant c-type cytochromes as probes of the substrate specificity of the E. coli cytochrome c maturation (Ccm) apparatus. Biochemical Journal, 2009, 419, 177-186.	3.7	18
11	Polymorphism and higher order structures of protein nanofibers from crude mixtures of fish lens crystallins: Toward useful materials. Biopolymers, 2012, 97, 595-606.	2.4	17
12	A snapshot of translation in Mycobacterium tuberculosis during exponential growth and nutrient starvation revealed by ribosome profiling. Cell Reports, 2021, 34, 108695.	6.4	16
13	Continued surprises in the cytochrome c biogenesis story. Protein and Cell, 2012, 3, 405-409.	11.0	12
14	Aberrant Attachment of Heme to Cytochrome by the Ccm System Results in a Cysteine Persulfide Linkage. Journal of the American Chemical Society, 2010, 132, 4974-4975.	13.7	11
15	Structural effects of the highly protective V127 polymorphism on human prion protein. Communications Biology, 2020, 3, 402.	4.4	5
16	Self-Assembling Nanomaterials: Monitoring the Formation of Amyloid Fibrils, with a Focus on Small-Angle X-Ray Scattering. Methods in Molecular Biology, 2013, 996, 77-101.	0.9	3
17	The yeast prion protein Ure2: insights into the mechanism of amyloid formation. Biochemical Society Transactions, 2011, 39, 1359-1364.	3.4	1
18	The many faces of amyloid: Protein misfolding: failure or function?. Biochemist, 2011, 33, 6-9.	0.5	0