Ewan R G Main

List of Publications by Year
in descending order

24 papers	1,455 citations	623188 14 h-index	642321 23 g-index
26 all docs	26 docs citations	26 times ranked	1367 citing authors

#	Article	IF	Citations
1	Design of Stable Î±-Helical Arrays from an Idealized TPR Motif. Structure, 2003, 11, 497-508.	1.6	256
2	Protein folding: Defining a â€œstandardâ€•set of experimental conditions and a preliminary kinetic data set of two-state proteins. Protein Science, 2005, 14, 602-616.	3.1	207
3	A New Folding Paradigm for Repeat Proteins. Journal of the American Chemical Society, 2005, 127, 10188-10190.	6.6	132
4	Mapping the Interactions Present in the Transition State for Unfolding/Folding of FKBP12. Journal of Molecular Biology, 1999, 291, 445-461.	2.0	124
5	A recurring theme in protein engineering: the design, stability and folding of repeat proteins. Current Opinion in Structural Biology, 2005, 15, 464-471.	2.6	119
6	The folding and design of repeat proteins: reaching a consensus. Current Opinion in Structural Biology, 2003, 13, 482-489.	2.6	118
7	Folding Pathway of FKBP12 and Characterisation of the Transition State. Journal of Molecular Biology, 1999, 291, 429-444.	2.0	101
8	Local and long-range stability in tandemly arrayed tetratricopeptide repeats. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5721-5726.	3.3	90
9	Context-Dependent Nature of Destabilizing Mutations on the Stability of FKBP12â€. Biochemistry, 1998, 37, 6145-6153.	1.2	49
10	Does trifluoroethanol affect folding pathways and can it be used as a probe of structure in transition states?. , 1999, 6, 831-835.		47
11	Exploring the folding energy landscape of a series of designed consensus tetratricopeptide repeat proteins. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17383-17388.	3.3	45
12	Fibrous Nanostructures from the Selfâ€Assembly of Designed Repeat Protein Modules. Angewandte Chemie - International Edition, 2012, 51, 13132-13135.	7.2	33
13	A high-throughput fluorescence chemical denaturation assay as a general screen for proteinâ€“ligand binding. Analytical Biochemistry, 2011, 411, 155-157.	1.1	29
14	Protein denaturation and protein:drugs interactions from intrinsic protein fluorescence measurements at the nanolitre scale. Protein Science, 2010, 19, 1544-1554.	3.1	22
15	Repeat protein engineering: creating functional nanostructures/biomaterials from modular building blocks. Biochemical Society Transactions, 2013, 41, 1152-1158.	1.6	19
16	LcrH, a Class II Chaperone from the Type Three Secretion System, Has a Highly Flexible Native Structure. Journal of Biological Chemistry, 2013, 288, 4048-4055.	1.6	12
17	Dissecting and reprogramming the folding and assembly of tandem-repeat proteins. Biochemical Society Transactions, 2015, 43, 881-888.	1.6	11
18	Context-Dependent Energetics of Loop Extensions in a Family of Tandem-Repeat Proteins. Biophysical Journal, 2018, 114, 2552-2562.	0.2	10

#	Article	IF	Citations
19	Scalable Geometrically Designed Protein Cages Assembled via Genetically Encoded Split Inteins. Structure, 2019, 27, 776-784.e4.	1.6	9
20	Programmed Protein Self-Assembly Driven by Genetically Encoded Intein-Mediated Native Chemical Ligation. ACS Synthetic Biology, 2018, 7, 1067-1074.	1.9	7
21	PyFolding: Open-Source Graphing, Simulation, and Analysis of the Biophysical Properties of Proteins. Biophysical Journal, 2018, 114, 516-521.	0.2	7
22	Characterisation of the SUMO-Like Domains of Schizosaccharomyces pombe Rad60. PLoS ONE, 2010, 5, e13009.	1.1	3
23	Decoupling a tandem-repeat protein: Impact of multiple loop insertions on a modular scaffold. Scientific Reports, 2019, 9, 15439.	1.6	3
24	Scalable Geometrically Designed Protein Cages Assembled via Genetically Encoded Split Inteins. SSRN Electronic Journal, 0, , .	0.4	0