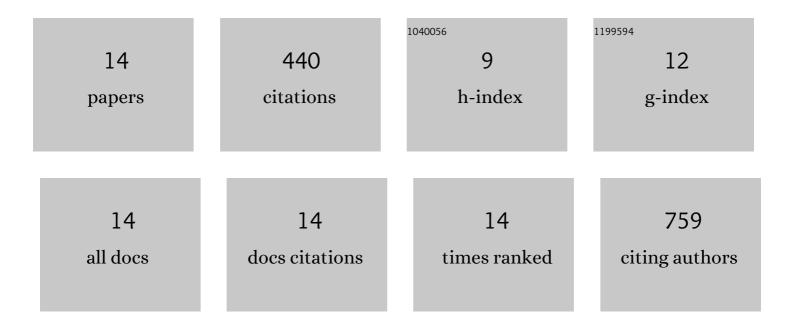
Robert Fairman

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Peptides as novel smart materials. Current Opinion in Structural Biology, 2005, 15, 453-463.	5.7	226
2	A Multilaboratory Comparison of Calibration Accuracy and the Performance of External References in Analytical Ultracentrifugation. PLoS ONE, 2015, 10, e0126420.	2.5	71
3	Role of the Coiled-Coil Structural Motif in Polyglutamine Aggregation. Biochemistry, 2014, 53, 6738-6746.	2.5	35
4	Structure, Regulation, and Inhibition of the Quorum-Sensing Signal Integrator LuxO. PLoS Biology, 2016, 14, e1002464.	5.6	32
5	Uncovering protein–protein interactions through a team-based undergraduate biochemistry course. PLoS Biology, 2017, 15, e2003145.	5.6	15
6	Probing the selectivity of β-hydroxylation reactions in non-ribosomal peptide synthesis using analytical ultracentrifugation. Analytical Biochemistry, 2016, 495, 42-51.	2.4	13
7	Roles of singleton tryptophan motifs in COPI coat stability and vesicle tethering. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24031-24040.	7.1	13
8	Self-association motifs in the enteroaggregative Escherichia coli heat-resistant agglutinin 1. Microbiology (United Kingdom), 2016, 162, 1091-1102.	1.8	11
9	Studying polyglutamine aggregation in <i>Caenorhabditis elegans</i> using an analytical ultracentrifuge equipped with fluorescence detection. Protein Science, 2016, 25, 605-617.	7.6	10
10	The effect of divalent cations on the thermostability of type II polyketide synthase acyl carrier proteins. AICHE Journal, 2018, 64, 4308-4318.	3.6	9
11	Sedimentation Velocity Analysis with Fluorescence Detection of Mutant Huntingtin Exon 1 Aggregation in <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . Biochemistry, 2017, 56, 4676-4688.	2.5	4
12	Effect of helix length on the stability of the lac repressor antiparallel coiled coil. Biopolymers, 2015, 104, 395-404.	2.4	1
13	Aggregation Profiling of C9orf72 Dipeptide Repeat Proteins Transgenically Expressed in Drosophila melanogaster Using an Analytical Ultracentrifuge Equipped with Fluorescence Detection. Methods in Molecular Biology, 2019, 2039, 81-90.	0.9	0
14	Size Analysis of C9orf72 Dipeptide Repeat Proteins Expressed in Drosophila melanogaster Using Semidenaturing Detergent Agarose Gel Electrophoresis. Methods in Molecular Biology, 2019, 2039, 91-101.	0.9	0