

Robert Fairman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6273028/publications.pdf>

Version: 2024-02-01

14
papers

440
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

759
citing authors

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