

Bashkim Kokona

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Widening the bottleneck: Heterologous expression, purification, and characterization of the Ktedonobacter racemifer minimal type II polyketide synthase in Escherichia coli. Bioorganic and Medicinal Chemistry, 2020, 28, 115686.	3.0	7
2	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
3	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
4	The Placement of Vibrational Probe Labeled Substrates to the Phosphopantetheine Arm of the E.Coli Acyl Carrier Protein for Site Specific Vibrational Spectroscopy. Biophysical Journal, 2019, 116, 485a-486a.	0.5	0
5	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
6	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
7	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
8	Uncovering protein-protein interactions through a team-based undergraduate biochemistry course. PLoS Biology, 2017, 15, e2003145.	5.6	15
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	Probing the selectivity of β -hydroxylation reactions in non-ribosomal peptide synthesis using analytical ultracentrifugation. Analytical Biochemistry, 2016, 495, 42-51.	2.4	13
11	Self-association motifs in the enteroaggregative Escherichia coli heat-resistant agglutinin 1. Microbiology (United Kingdom), 2016, 162, 1091-1102.	1.8	11
12	Structure, Regulation, and Inhibition of the Quorum-Sensing Signal Integrator LuxO. PLoS Biology, 2016, 14, e1002464.	5.6	32
13	Effect of helix length on the stability of the lac repressor antiparallel coiled coil. Biopolymers, 2015, 104, 395-404.	2.4	1
14	A Multilaboratory Comparison of Calibration Accuracy and the Performance of External References in Analytical Ultracentrifugation. PLoS ONE, 2015, 10, e0126420.	2.5	71
15	Testing the Role of Charge and Structure on the Stability of Peptide-Porphyrin Complexes. Biomacromolecules, 2014, 15, 4544-4550.	5.4	6
16	Effect of Helical Flanking Sequences on the Morphology of Polyglutamine-Containing Fibrils. Biochemistry, 2014, 53, 6747-6753.	2.5	12
17	Role of the Coiled-Coil Structural Motif in Polyglutamine Aggregation. Biochemistry, 2014, 53, 6738-6746.	2.5	35
18	Characterization of Mesoscale Coiled-Coil Peptide-Porphyrin Complexes. Biomacromolecules, 2011, 12, 4196-4203.	5.4	27

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19	Polyglutamine fibrils are formed using a simple designed β -hairpin model. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 1971-1979.	2.6	15
20	Effect of Highly Fluorinated Amino Acids on Protein Stability at a Solvent-Exposed Position on an Internal Strand of Protein G B1 Domain. <i>Journal of the American Chemical Society</i> , 2009, 131, 13192-13193.	13.7	64
21	The Plasmid-Encoded Regulator Activates Factors Conferring Lysozyme Resistance on Enteropathogenic <i>Escherichia coli</i> Strains. <i>Applied and Environmental Microbiology</i> , 2009, 75, 275-280.	3.1	11
22	Design of a heterotetrameric coiled coil. <i>Protein Science</i> , 2009, 18, 329-336.	7.6	21
23	Self Assembly of Coiled-Coil Peptide~Porphyrin Complexes. <i>Biomacromolecules</i> , 2009, 10, 1454-1459.	5.4	49
24	Probing the Oligomeric Assemblies of Pea Porphobilinogen Synthase by Analytical Ultracentrifugation. <i>Biochemistry</i> , 2008, 47, 10649-10656.	2.5	21
25	Self-Assembly of Peptide Porphyrin Complexes: Toward the Development of Smart Biomaterials. <i>Journal of the American Chemical Society</i> , 2006, 128, 4166-4167.	13.7	67
26	Single Amino Acid Mutations Alter the Distribution of Human Porphobilinogen Synthase Quaternary Structure Isoforms (Morpheins). <i>Journal of Biological Chemistry</i> , 2006, 281, 6682-6690.	3.4	28
27	Crystal Structure of a Glycyl Radical Enzyme from <i>Archaeoglobus fulgidus</i> . <i>Journal of Molecular Biology</i> , 2006, 357, 221-235.	4.2	23
28	Helix Propensity of Highly Fluorinated Amino Acids. <i>Journal of the American Chemical Society</i> , 2006, 128, 15556-15557.	13.7	104
29	Quantitative atomic force microscopy image analysis of unusual filaments formed by the <i>Acanthamoeba castellanii</i> myosin II rod domain. <i>Analytical Biochemistry</i> , 2005, 346, 189-200.	2.4	10