Elizabeth A Yates

List of Publications by Year
in descending order

24	325	1163117 8	1125743 13
papers	citations	h-index	g-index

25	25	25	495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interfacial properties of barnacle derived peptides and their tandemization into proteins. Biophysical Journal, 2022, 121, 544a-545a.	0.5	0
2	Perspectives on How 1.5 Years of the COVID-19 Pandemic Have Impacted Biophysicists at Primarily Undergraduate Institutions. The Biophysicist, 2022, , .	0.3	0
3	Engineered Escherichia coli Biofilms Produce Adhesive Nanomaterials Shaped by a Patterned 43 kDa Barnacle Cement Protein. Biomacromolecules, 2021, 22, 365-373.	5.4	12
4	Adhesive Properties of Synthetic Cement-Derived Biomaterials from the Barnacle Amphibalanus amphitrite. Biophysical Journal, 2021, 120, 274a.	0.5	0
5	Structural Mimicry Drives HIV-1 Rev-Mediated HERV-K Expression. Journal of Molecular Biology, 2020, 432, 166711.	4.2	12
6	Measuring the Physical Properties of Synthetic Cement Derived Barnacle Adhesive Nanomaterials from the Barnacle Amphibalanus amphitrite. Biophysical Journal, 2020, 118, 163a.	0.5	0
7	Colorimetric Detection of Mutant Î²-Amyloid(1â€“40) Membrane-Active Aggregation with Biosensing Vesicles. ACS Applied Bio Materials, 2019, 2, 4966-4977.	4.6	7
8	Investigating the Effects of Model Surfaces on Synthetic Prion Peptide Aggregation. Biophysical Journal, 2019, 116, 496a.	0.5	0
9	Molecular Recognition of Structures Is Key in the Polymerization of Patterned Barnacle Adhesive Sequences. ACS Nano, 2019, 13, 5172-5183.	14.6	32
10	Adhesive Nanomaterials Derived from the Barnacle Amphibalanus Amphitrite Polymerize by Molecular Recognition of Sequences. Biophysical Journal, 2018, 114, 363a-364a.	0.5	0
11	Ionic Liquid Property Effects on the Natural Fiber Welding Process. ECS Transactions, 2018, 86, 249-255.	0.5	2
12	Integration of Functional Nanomaterials in Biopolymer Composites Using Ionic Liquid Based Methods. ECS Transactions, 2018, 86, 287-296.	0.5	4
13	Lipid/Polydiacetylene Vesicle Composition Alters Mutant Beta-Amyloid Peptide Interaction. Biophysical Journal, 2017, 112, 34a.	0.5	0
14	Assessing Lipid Membrane Interaction of Amyloid-Forming Proteins by Means of Colorimetric Biosensing Vesicles. Biophysical Journal, 2016, 110, 423a.	0.5	2
15	Preparation Protocols of Beta-Amyloid (1-40) Promote the Formation of Polymorphic Aggregates and Altered Interactions with Lipid Bilayers. Biophysical Journal, 2015, 108, 524a.	0.5	0
16	Preparation Protocols of AÎ²(1â€“40) Promote the Formation of Polymorphic Aggregates and Altered Interactions with Lipid Bilayers. Biochemistry, 2014, 53, 7038-7050.	2.5	21
17	Specific Sequences within Beta-Amyloid Mediate Aggregation Associated with Lipid Membranes. Biophysical Journal, 2013, 104, 395a.	0.5	0
18	Specific Domains of AÎ² Facilitate Aggregation on and Association with Lipid Bilayers. Journal of Molecular Biology, 2013, 425, 1915-1933.	4.2	36

#	Article	IF	Citations
19	Amyloid-Forming Proteins Alter the Local Mechanical Properties of Lipid Membranes. Biochemistry, 2013, 52, 808-817.	2.5	47
20	The Local Mechanical Properties of Lipid Bilayers are Altered by Amyloid-Forming Proteins. Biophysical Journal, 2013, 104, 360a.	0.5	0
21	Biophysical Insights into How Surfaces, Including Lipid Membranes, Modulate Protein Aggregation Related to Neurodegeneration. Frontiers in Neurology, 2013, 4, 17.	2.4	94
22	Investigation of Protein/Lipid Interactions via Scanning Probe Acceleration Microscopy: Theory and Experiment. , 2012, , .		0
23	Point Mutations in AÎ² Induce Polymorphic Aggregates at Liquid/Solid Interfaces. ACS Chemical Neuroscience, 2011, 2, 294-307.	3.5	20
24	Point Mutations in AÎ² Result in the Formation of Distinct Polymorphic Aggregates in the Presence of Lipid Bilayers. PLoS ONE, 2011, 6, e16248.	2.5	36