

Elizabeth A Yates

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5813350/publications.pdf>

Version: 2024-02-01

24
papers

325
citations

1163117

8
h-index

1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophysical Insights into How Surfaces, Including Lipid Membranes, Modulate Protein Aggregation Related to Neurodegeneration. <i>Frontiers in Neurology</i> , 2013, 4, 17.	2.4	94
2	Amyloid-Forming Proteins Alter the Local Mechanical Properties of Lipid Membranes. <i>Biochemistry</i> , 2013, 52, 808-817.	2.5	47
3	Point Mutations in A β 2 Result in the Formation of Distinct Polymorphic Aggregates in the Presence of Lipid Bilayers. <i>PLoS ONE</i> , 2011, 6, e16248.	2.5	36
4	Specific Domains of A β 2 Facilitate Aggregation on and Association with Lipid Bilayers. <i>Journal of Molecular Biology</i> , 2013, 425, 1915-1933.	4.2	36
5	Molecular Recognition of Structures Is Key in the Polymerization of Patterned Barnacle Adhesive Sequences. <i>ACS Nano</i> , 2019, 13, 5172-5183.	14.6	32
6	Preparation Protocols of A β 2(1-40) Promote the Formation of Polymorphic Aggregates and Altered Interactions with Lipid Bilayers. <i>Biochemistry</i> , 2014, 53, 7038-7050.	2.5	21
7	Point Mutations in A β 2 Induce Polymorphic Aggregates at Liquid/Solid Interfaces. <i>ACS Chemical Neuroscience</i> , 2011, 2, 294-307.	3.5	20
8	Structural Mimicry Drives HIV-1 Rev-Mediated HERV-K Expression. <i>Journal of Molecular Biology</i> , 2020, 432, 166711.	4.2	12
9	Engineered <i>Escherichia coli</i> Biofilms Produce Adhesive Nanomaterials Shaped by a Patterned 43 kDa Barnacle Cement Protein. <i>Biomacromolecules</i> , 2021, 22, 365-373.	5.4	12
10	Colorimetric Detection of Mutant A β 2-Amyloid(1-40) Membrane-Active Aggregation with Biosensing Vesicles. <i>ACS Applied Bio Materials</i> , 2019, 2, 4966-4977.	4.6	7
11	Integration of Functional Nanomaterials in Biopolymer Composites Using Ionic Liquid Based Methods. <i>ECS Transactions</i> , 2018, 86, 287-296.	0.5	4
12	Assessing Lipid Membrane Interaction of Amyloid-Forming Proteins by Means of Colorimetric Biosensing Vesicles. <i>Biophysical Journal</i> , 2016, 110, 423a.	0.5	2
13	Ionic Liquid Property Effects on the Natural Fiber Welding Process. <i>ECS Transactions</i> , 2018, 86, 249-255.	0.5	2
14	Investigation of Protein/Lipid Interactions via Scanning Probe Acceleration Microscopy: Theory and Experiment. , 2012, , .		0
15	Specific Sequences within Beta-Amyloid Mediate Aggregation Associated with Lipid Membranes. <i>Biophysical Journal</i> , 2013, 104, 395a.	0.5	0
16	The Local Mechanical Properties of Lipid Bilayers are Altered by Amyloid-Forming Proteins. <i>Biophysical Journal</i> , 2013, 104, 360a.	0.5	0
17	Preparation Protocols of Beta-Amyloid (1-40) Promote the Formation of Polymorphic Aggregates and Altered Interactions with Lipid Bilayers. <i>Biophysical Journal</i> , 2015, 108, 524a.	0.5	0
18	Lipid/Polydiacetylene Vesicle Composition Alters Mutant Beta-Amyloid Peptide Interaction. <i>Biophysical Journal</i> , 2017, 112, 34a.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Adhesive Nanomaterials Derived from the Barnacle Amphibalanus Amphitrite Polymerize by Molecular Recognition of Sequences. Biophysical Journal, 2018, 114, 363a-364a.	0.5	0
20	Investigating the Effects of Model Surfaces on Synthetic Prion Peptide Aggregation. Biophysical Journal, 2019, 116, 496a.	0.5	0
21	Measuring the Physical Properties of Synthetic Cement Derived Barnacle Adhesive Nanomaterials from the Barnacle Amphibalanus amphitrite. Biophysical Journal, 2020, 118, 163a.	0.5	0
22	Adhesive Properties of Synthetic Cement-Derived Biomaterials from the Barnacle Amphibalanus amphitrite. Biophysical Journal, 2021, 120, 274a.	0.5	0
23	Interfacial properties of barnacle derived peptides and their tandemization into proteins. Biophysical Journal, 2022, 121, 544a-545a.	0.5	0
24	Perspectives on How 1.5 Years of the COVID-19 Pandemic Have Impacted Biophysicists at Primarily Undergraduate Institutions. The Biophysicist, 2022, , .	0.3	0