

Arpad Karsai

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

442
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Stepwise dynamics of epitaxially growing single amyloid fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 141-144.	7.1	102
2	Reversible Mechanical Unzipping of Amyloid β -Fibrils. Journal of Biological Chemistry, 2005, 280, 8464-8470.	3.4	80
3	Engineering Amyloid Fibrils from β -Solenoid Proteins for Biomaterials Applications. ACS Nano, 2015, 9, 449-463.	14.6	60
4	Spatially and Temporally Synchronized Atomic Force and Total Internal Reflection Fluorescence Microscopy for Imaging and Manipulating Cells and Biomolecules. Biophysical Journal, 2006, 91, 2665-2677.	0.5	55
5	Mechanical Unfolding of Cardiac Myosin Binding Protein-C by Atomic Force Microscopy. Biophysical Journal, 2011, 101, 1968-1977.	0.5	40
6	Potassium-dependent oriented growth of amyloid β 35 fibrils on mica. Nanotechnology, 2007, 18, 345102.	2.6	34
7	Oriented epitaxial growth of amyloid fibrils of the N27C mutant β 35 peptide. European Biophysics Journal, 2008, 37, 1133-1137.	2.2	19
8	Single-Cell Mechanics Provides an Effective Means To Probe in Vivo Interactions between Alveolar Macrophages and Silver Nanoparticles. Journal of Physical Chemistry B, 2015, 119, 15118-15129.	2.6	18
9	Cross-Species Mechanical Fingerprinting of Cardiac Myosin Binding Protein-C. Biophysical Journal, 2013, 104, 2465-2475.	0.5	8
10	High-Resolution Imaging of Polyethylene Glycol Coated Dendrimers via Combined Atomic Force and Scanning Tunneling Microscopy. Journal of Drug Delivery, 2015, 2015, 1-10.	2.5	8
11	Local Mechanical Perturbation Provides an Effective Means to Regulate the Growth and Assembly of Functional Peptide Fibrils. Small, 2016, 12, 6407-6415.	10.0	6
12	Label-Free and Direct Visualization of Multivalent Binding of Bone Morphogenetic Protein-2 with Cartilage Oligomeric Matrix Protein. Journal of Physical Chemistry B, 2019, 123, 39-46.	2.6	5
13	Direct Visualization of the Binding of Transforming Growth Factor Beta 1 with Cartilage Oligomeric Matrix Protein via High-Resolution Atomic Force Microscopy. Journal of Physical Chemistry B, 2020, 124, 9497-9504.	2.6	4
14	Direct Observations of Silver Nanowire-Induced Frustrated Phagocytosis among NR8383 Lung Alveolar Macrophages. Journal of Physical Chemistry B, 2020, 124, 11584-11592.	2.6	2
15	Single-Molecule Studies of Amyloidogenic Proteins. , 2012, , 169-210.		1
16	Impact of Surface Polarity on Lipid Assembly under Spatial Confinement. Langmuir, 2022, 38, 7545-7557.	3.5	0