

James E Shaw

List of Publications by Year in descending order

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16
papers

892
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlated Fluorescence-Atomic Force Microscopy of Membrane Domains: Structure of Fluorescence Probes Determines Lipid Localization. <i>Biophysical Journal</i> , 2006, 90, 2170-2178.	0.5	186
2	Amyloid- β^2 fibrillogenesis: Structural insight and therapeutic intervention. <i>Experimental Neurology</i> , 2010, 223, 311-321.	4.1	113
3	PeakForce Tapping resolves individual microvilli on living cells. <i>Journal of Molecular Recognition</i> , 2016, 29, 95-101.	2.1	97
4	Mechanisms of antimicrobial peptide action: Studies of indolicidin assembly at model membrane interfaces by in situ atomic force microscopy. <i>Journal of Structural Biology</i> , 2006, 154, 42-58.	2.8	80
5	Cationic peptide-induced remodelling of model membranes: Direct visualization by in situ atomic force microscopy. <i>Journal of Structural Biology</i> , 2008, 162, 121-138.	2.8	76
6	Molecular imaging of membrane interfaces reveals mode of β^2 -glucosidase activation by saposin C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17394-17399.	7.1	68
7	Synthesis of scyllo-inositol derivatives and their effects on amyloid beta peptide aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7177-7184.	3.0	64
8	Small molecule β^2 -amyloid inhibitors that stabilize protofibrillar structures <i>in vitro</i> improve cognition and pathology in a mouse model of Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2010, 31, 203-213.	2.6	53
9	Simultaneous in Situ Total Internal Reflectance Fluorescence/Atomic Force Microscopy Studies of DPPC/dPOPC Microdomains in Supported Planar Lipid Bilayers. <i>Journal of the American Chemical Society</i> , 2003, 125, 11838-11839.	13.7	47
10	Direct Visualization of Saposin Remodelling of Lipid Bilayers. <i>Journal of Molecular Biology</i> , 2006, 362, 943-953.	4.2	39
11	Tracking peptide-membrane interactions: Insights from in situ coupled confocal-atomic force microscopy imaging of NAP-22 peptide insertion and assembly. <i>Journal of Structural Biology</i> , 2006, 155, 458-469.	2.8	27
12	Coupling evanescent-wave fluorescence imaging and spectroscopy with scanning probe microscopy: challenges and insights from TIRF-AFM. <i>Surface and Interface Analysis</i> , 2006, 38, 1459-1471.	1.8	26
13	MK886 Reduces Cerebral Amyloid Angiopathy Severity in TgCRND8 Mice. <i>Neurodegenerative Diseases</i> , 2014, 13, 17-23.	1.4	12
14	Variations in mass transfer to single endothelial cells. <i>Biomechanics and Modeling in Mechanobiology</i> , 2009, 8, 183-193.	2.8	4
15	Correlated Single Molecule Fluorescence and Scanning Probe Microscopies: Applications to the Study of Soft Materials. <i>Materials Research Society Symposia Proceedings</i> , 2004, 844, 21.	0.1	0
16	Correlated Single Molecule Fluorescence and Scanning Probe Microscopies: Applications to the Study of Soft Materials. <i>Materials Research Society Symposia Proceedings</i> , 2004, 841, R2.1.1/Y2.1.1.	0.1	0