

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 | PeakForce Tapping resolves individual microvilli on living cells. <i>Journal of Molecular Recognition</i> , 2016, 29, 95-101. | 2.1 | 97 |
| 2 | MK886 Reduces Cerebral Amyloid Angiopathy Severity in TgCRND8 Mice. <i>Neurodegenerative Diseases</i> , 2014, 13, 17-23. | 1.4 | 12 |
| 3 | Small molecule β -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 |
| 4 | Amyloid- β fibrillogenesis: Structural insight and therapeutic intervention. <i>Experimental Neurology</i> , 2010, 223, 311-321. | 4.1 | 113 |
| 5 | Variations in mass transfer to single endothelial cells. <i>Biomechanics and Modeling in Mechanobiology</i> , 2009, 8, 183-193. | 2.8 | 4 |
| 6 | 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 |
| 7 | 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 |
| 8 | Molecular imaging of membrane interfaces reveals mode of β -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 |
| 9 | 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 |
| 10 | Direct Visualization of Saposin Remodelling of Lipid Bilayers. <i>Journal of Molecular Biology</i> , 2006, 362, 943-953. | 4.2 | 39 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |