

# Simon Scheuring

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140  
papers

7,963  
citations

53  
h-index

86  
g-index

177  
ext. papers

9,113  
ext. citations

7.7  
avg, IF

6.22  
L-index

#	Paper	IF	Citations
140	Chemically induced protein cage assembly with programmable opening and cargo release.. <i>Science Advances</i> , <b>2022</b> , 8, eabj9424	14.3	1
139	Snf7 spirals sense and alter membrane curvature.. <i>Nature Communications</i> , <b>2022</b> , 13, 2174	17.4	0
138	TMEM16 scramblases thin the membrane to enable lipid scrambling.. <i>Nature Communications</i> , <b>2022</b> , 13, 2604	17.4	0
137	Scanning probe microscopy. <i>Nature Reviews Methods Primers</i> , <b>2021</b> , 1,		31
136	Localization atomic force microscopy. <i>Nature</i> , <b>2021</b> , 594, 385-390	50.4	20
135	Quantitative description of a contractile macromolecular machine. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	2
134	Correlation of membrane protein conformational and functional dynamics. <i>Nature Communications</i> , <b>2021</b> , 12, 4363	17.4	1
133	High-speed atomic force microscopy to study pore-forming proteins. <i>Methods in Enzymology</i> , <b>2021</b> , 649, 189-217	1.7	4
132	Structural dynamics of channels and transporters by high-speed atomic force microscopy. <i>Methods in Enzymology</i> , <b>2021</b> , 652, 127-159	1.7	1
131	Nanodissected elastically loaded clathrin lattices relax to increased curvature. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	3
130	Single molecule kinetics of bacteriorhodopsin by HS-AFM. <i>Nature Communications</i> , <b>2021</b> , 12, 7225	17.4	0
129	Structure and mechanism of bactericidal mammalian perforin-2, an ancient agent of innate immunity. <i>Science Advances</i> , <b>2020</b> , 6, eaax8286	14.3	32
128	Annexin-V stabilizes membrane defects by inducing lipid phase transition. <i>Nature Communications</i> , <b>2020</b> , 11, 230	17.4	19
127	The hierarchical assembly of septins revealed by high-speed AFM. <i>Nature Communications</i> , <b>2020</b> , 11, 5062	17.4	10
126	Nanoreporter of an Enzymatic Suicide Inactivation Pathway. <i>Nano Letters</i> , <b>2020</b> , 20, 7819-7827	11.5	9
125	Millisecond dynamics of an unlabeled amino acid transporter. <i>Nature Communications</i> , <b>2020</b> , 11, 5016	17.4	9
124	Force-induced conformational changes in PIEZO1. <i>Nature</i> , <b>2019</b> , 573, 230-234	50.4	106

123	Heterogeneous and rate-dependent streptavidin-biotin unbinding revealed by high-speed force spectroscopy and atomistic simulations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 6594-6601	11.5	55
122	Advances in high-speed atomic force microscopy (HS-AFM) reveal dynamics of transmembrane channels and transporters. <i>Current Opinion in Structural Biology</i> , <b>2019</b> , 57, 93-102	8.1	35
121	Real time dynamics of Gating-Related conformational changes in CorA. <i>ELife</i> , <b>2019</b> , 8,	8.9	8
120	High-Resolution Atomic Force Microscopy of Native Membranes <b>2019</b> , 21-44		
119	Helix Unwinding as Force Buffer in Spectrins. <i>ACS Nano</i> , <b>2018</b> , 12, 2719-2727	16.7	26
118	Applications of high-speed atomic force microscopy to real-time visualization of dynamic biomolecular processes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 229-240	4	27
117	High-Speed Force Spectroscopy for Single Protein Unfolding. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1814, 243-264	1.4	8
116	A novel phase-shift-based amplitude detector for a high-speed atomic force microscope. <i>Review of Scientific Instruments</i> , <b>2018</b> , 89, 083704	1.7	13
115	High-Speed Atomic Force Microscopy Reveals the Inner Workings of the MinDE Protein Oscillator. <i>Nano Letters</i> , <b>2018</b> , 18, 288-296	11.5	20
114	High-speed AFM height spectroscopy reveals $\mu$ s-dynamics of unlabeled biomolecules. <i>Nature Communications</i> , <b>2018</b> , 9, 4983	17.4	38
113	An iris diaphragm mechanism to gate a cyclic nucleotide-gated ion channel. <i>Nature Communications</i> , <b>2018</b> , 9, 3978	17.4	28
112	Structural titration of receptor ion channel GLIC gating by HS-AFM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 10333-10338	11.5	28
111	Direct visualization of glutamate transporter elevator mechanism by high-speed AFM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 1584-1588	11.5	79
110	Engineering a pH responsive pore forming protein. <i>Scientific Reports</i> , <b>2017</b> , 7, 42231	4.9	21
109	Dynamic remodeling of the dynamin helix during membrane constriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 5449-5454	11.5	31
108	High-frequency microrheology reveals cytoskeleton dynamics in living cells. <i>Nature Physics</i> , <b>2017</b> , 13, 771-775	16.2	118
107	Dynamic subunit turnover in ESCRT-III assemblies is regulated by Vps4 to mediate membrane remodelling during cytokinesis. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 787-798	23.4	145
106	Real-time Visualization of Phospholipid Degradation by Outer Membrane Phospholipase A using High-Speed Atomic Force Microscopy. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 977-986	6.5	17

105	Standardized Nanomechanical Atomic Force Microscopy Procedure (SNAP) for Measuring Soft and Biological Samples. <i>Scientific Reports</i> , <b>2017</b> , 7, 5117	4.9	123
104	Lysenin Toxin Membrane Insertion Is pH-Dependent but Independent of Neighboring Lysenins. <i>Biophysical Journal</i> , <b>2017</b> , 113, 2029-2036	2.9	13
103	Temperature-Controlled High-Speed AFM: Real-Time Observation of Ripple Phase Transitions. <i>Small</i> , <b>2016</b> , 12, 6106-6113	11	16
102	Real-time visualization of conformational changes within single MloK1 cyclic nucleotide-modulated channels. <i>Nature Communications</i> , <b>2016</b> , 7, 12789	17.4	22
101	High-speed atomic force microscopy shows that annexin V stabilizes membranes on the second timescale. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 783-90	28.7	73
100	Glasslike Membrane Protein Diffusion in a Crowded Membrane. <i>ACS Nano</i> , <b>2016</b> , 10, 2584-90	16.7	33
99	Listeriolysin O Membrane Damaging Activity Involves Arc Formation and Lineaction -- Implication for <i>Listeria monocytogenes</i> Escape from Phagocytic Vacuole. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005597	7.6	55
98	Automated force controller for amplitude modulation atomic force microscopy. <i>Review of Scientific Instruments</i> , <b>2016</b> , 87, 053705	1.7	11
97	Direct Visualization of Glutamate Transporter Transport Cycle. <i>Biophysical Journal</i> , <b>2016</b> , 110, 178a-179a.9		
96	High Frequency Microrheology of Living Cells. <i>Biophysical Journal</i> , <b>2016</b> , 110, 132a	2.9	2
95	Temperature-Switchable Control of Ligand Display on Adlayers of Mixed Poly(lysine)-g-(PEO) and Poly(lysine)-g-(ligand-modified poly-N-isopropylacrylamide). <i>Biomacromolecules</i> , <b>2016</b> , 17, 1727-36	6.9	20
94	Identification of a Membrane-bound Prepore Species Clarifies the Lytic Mechanism of Actinoporins. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 19210-19219	5.4	20
93	Effect of Statins on the Nanomechanical Properties of Supported Lipid Bilayers. <i>Biophysical Journal</i> , <b>2016</b> , 111, 363-372	2.9	24
92	Structural, mechanical, and dynamical variability of the actin cortex in living cells. <i>Biophysical Journal</i> , <b>2015</b> , 108, 1330-1340	2.9	81
91	Atomic Force Microscopy Mechanical Mapping of Micropatterned Cells Shows Adhesion Geometry-Dependent Mechanical Response on Local and Global Scales. <i>ACS Nano</i> , <b>2015</b> , 9, 5846-56	16.7	43
90	Relaxation of Loaded ESCRT-III Spiral Springs Drives Membrane Deformation. <i>Cell</i> , <b>2015</b> , 163, 866-79	56.2	212
89	Ligand-induced structural changes in the cyclic nucleotide-modulated potassium channel MloK1. <i>Nature Communications</i> , <b>2014</b> , 5, 3106	17.4	51
88	Filming biomolecular processes by high-speed atomic force microscopy. <i>Chemical Reviews</i> , <b>2014</b> , 114, 3120-88	68.1	236

87	High-speed atomic force microscopy: imaging and force spectroscopy. <i>FEBS Letters</i> , <b>2014</b> , 588, 3631-8	3.8	49
86	The architecture of <i>Rhodobacter sphaeroides</i> chromatophores. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, 1263-70	4.6	27
85	Light harvesting by lamellar chromatophores in <i>Rhodospirillum rubrum</i> . <i>Biophysical Journal</i> , <b>2014</b> , 106, 2503-10	2.9	43
84	Cryo-Electron Microscopy of Potassium Channel Membrane Proteins. <i>Microscopy and Microanalysis</i> , <b>2014</b> , 20, 1206-1207	0.5	
83	Cannabinoid-induced actomyosin contractility shapes neuronal morphology and growth. <i>ELife</i> , <b>2014</b> , 3, e03159	8.9	49
82	A hybrid high-speed atomic force-optical microscope for visualizing single membrane proteins on eukaryotic cells. <i>Nature Communications</i> , <b>2013</b> , 4, 2155	17.4	53
81	High-speed atomic force microscopy tracks toxin action. <i>Biophysical Journal</i> , <b>2013</b> , 105, 1292	2.9	1
80	High-speed force spectroscopy unfolds titin at the velocity of molecular dynamics simulations. <i>Science</i> , <b>2013</b> , 342, 741-3	33.3	184
79	Mechanics of proteins with a focus on atomic force microscopy. <i>Journal of Nanobiotechnology</i> , <b>2013</b> , 11 Suppl 1, S3	9.4	17
78	The mechanics of membrane proteins is a signature of biological function. <i>Soft Matter</i> , <b>2013</b> , 9, 7866	3.6	6
77	Investigation of photosynthetic membrane structure using atomic force microscopy. <i>Trends in Plant Science</i> , <b>2013</b> , 18, 277-86	13.1	44
76	Structural and mechanical heterogeneity of the erythrocyte membrane reveals hallmarks of membrane stability. <i>ACS Nano</i> , <b>2013</b> , 7, 1054-63	16.7	57
75	Cellular capsules as a tool for multicellular spheroid production and for investigating the mechanics of tumor progression in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 14843-8	11.5	271
74	Direct measurement of the mechanical properties of lipid phases in supported bilayers. <i>Biophysical Journal</i> , <b>2012</b> , 102, L01-3	2.9	147
73	High-speed atomic force microscopy: cooperative adhesion and dynamic equilibrium of junctional microdomain membrane proteins. <i>Journal of Molecular Biology</i> , <b>2012</b> , 423, 249-56	6.5	26
72	Software for drift compensation, particle tracking and particle analysis of high-speed atomic force microscopy image series. <i>Journal of Molecular Recognition</i> , <b>2012</b> , 25, 292-8	2.6	31
71	Characterization of the motion of membrane proteins using high-speed atomic force microscopy. <i>Nature Nanotechnology</i> , <b>2012</b> , 7, 525-9	28.7	160
70	Nanomechanical characterization of the stiffness of eye lens cells: a pilot study <b>2012</b> , 53, 2151-6		14

69	Mechanical mapping of single membrane proteins at submolecular resolution. <i>Nano Letters</i> , <b>2011</b> , 11, 3983-6	11.5	114
68	Native architecture of the photosynthetic membrane from <i>Rhodobacter veldkampii</i> . <i>Journal of Structural Biology</i> , <b>2011</b> , 173, 138-45	3.4	31
67	Two-dimensional kinetics of inter-connexin interactions from single-molecule force spectroscopy. <i>Journal of Molecular Biology</i> , <b>2011</b> , 412, 72-9	6.5	10
66	High-speed atomic force microscopy: Structure and dynamics of single proteins. <i>Current Opinion in Chemical Biology</i> , <b>2011</b> , 15, 704-9	9.7	28
65	Biological AFM: where we come from--where we are--where we may go. <i>Journal of Molecular Recognition</i> , <b>2011</b> , 24, 406-13	2.6	77
64	Rhodopsin is spatially heterogeneously distributed in rod outer segment disk membranes. <i>Journal of Molecular Recognition</i> , <b>2011</b> , 24, 483-9	2.6	35
63	Förster energy transfer theory as reflected in the structures of photosynthetic light-harvesting systems. <i>ChemPhysChem</i> , <b>2011</b> , 12, 518-31	3.2	110
62	Eye lens membrane junctional microdomains: a comparison between healthy and pathological cases. <i>New Journal of Physics</i> , <b>2011</b> , 13, 085016	2.9	22
61	Forces guiding assembly of light-harvesting complex 2 in native membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9455-9	11.5	43
60	High-Resolution Atomic Force Microscopy of Native Membranes <b>2011</b> , 21-44		
59	Atomic force microscopy: probing the spatial organization, interactions and elasticity of microbial cell envelopes at molecular resolution. <i>Molecular Microbiology</i> , <b>2010</b> , 75, 1327-36	4.1	74
58	Antenna mixing in photosynthetic membranes from <i>Phaeospirillum molischianum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 5357-62	11.5	30
57	Experimental evidence for membrane-mediated protein-protein interaction. <i>Biophysical Journal</i> , <b>2010</b> , 99, L47-9	2.9	65
56	Automated setpoint adjustment for biological contact mode atomic force microscopy imaging. <i>Nanotechnology</i> , <b>2010</b> , 21, 035104	3.4	17
55	Malformation of junctional microdomains in cataract lens membranes from a type II diabetes patient. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2009</b> , 457, 1265-74	4.6	20
54	Atomic force microscopy of the bacterial photosynthetic apparatus: plain pictures of an elaborate machinery. <i>Photosynthesis Research</i> , <b>2009</b> , 102, 197-211	3.7	65
53	High-resolution architecture of the outer membrane of the Gram-negative bacteria <i>Roseobacter denitrificans</i> . <i>Molecular Microbiology</i> , <b>2009</b> , 74, 1211-22	4.1	53
52	Nanoholes by soft UV nanoimprint lithography applied to study of membrane proteins. <i>Microelectronic Engineering</i> , <b>2009</b> , 86, 583-585	2.5	25

51	Quinone pathways in entire photosynthetic chromatophores of <i>Rhodospirillum rubrum</i> . <i>Journal of Molecular Biology</i> , <b>2009</b> , 393, 27-35	6.5	24
50	Structural information, resolution, and noise in high-resolution atomic force microscopy topographs. <i>Biophysical Journal</i> , <b>2009</b> , 96, 3822-31	2.9	45
49	Contact-mode high-resolution high-speed atomic force microscopy movies of the purple membrane. <i>Biophysical Journal</i> , <b>2009</b> , 97, 1354-61	2.9	49
48	Energy transfer in light-adapted photosynthetic membranes: from active to saturated photosynthesis. <i>Biophysical Journal</i> , <b>2009</b> , 97, 2464-73	2.9	51
47	Introduction to atomic force microscopy (AFM) in biology. <i>Current Protocols in Protein Science</i> , <b>2009</b> , Chapter 17, Unit 17.7.1-19	3.1	23
46	Probing Single Membrane Proteins by Atomic Force Microscopy <b>2009</b> , 449-485		
45	The Supramolecular Assembly of the Photosynthetic Apparatus of Purple Bacteria Investigated by High-Resolution Atomic Force Microscopy. <i>Advances in Photosynthesis and Respiration</i> , <b>2009</b> , 941-952	1.7	6
44	Mini review on the structure and supramolecular assembly of VDAC. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2008</b> , 40, 133-8	3.7	26
43	The Supramolecular Architecture of the Bacterial Photosynthetic Apparatus Studied by Atomic Force Microscopy (AFM). <i>Advances in Photosynthesis and Respiration</i> , <b>2008</b> , 1-11	1.7	1
42	Rows of ATP synthase dimers in native mitochondrial inner membranes. <i>Biophysical Journal</i> , <b>2007</b> , 93, 2870-6	2.9	79
41	Past, present and future of atomic force microscopy in life sciences and medicine. <i>Journal of Molecular Recognition</i> , <b>2007</b> , 20, 418-31	2.6	134
40	The supramolecular architecture of junctional microdomains in native lens membranes. <i>EMBO Reports</i> , <b>2007</b> , 8, 51-5	6.5	91
39	From high-resolution AFM topographs to atomic models of supramolecular assemblies. <i>Journal of Structural Biology</i> , <b>2007</b> , 159, 268-76	3.4	58
38	Structural models of the supramolecular organization of AQP0 and connexons in junctional microdomains. <i>Journal of Structural Biology</i> , <b>2007</b> , 160, 385-94	3.4	46
37	Supramolecular assembly of VDAC in native mitochondrial outer membranes. <i>Journal of Molecular Biology</i> , <b>2007</b> , 369, 413-8	6.5	124
36	Human cataract lens membrane at subnanometer resolution. <i>Journal of Molecular Biology</i> , <b>2007</b> , 374, 162-9	6.5	51
35	Direct visualization of KirBac3.1 potassium channel gating by atomic force microscopy. <i>Journal of Molecular Biology</i> , <b>2007</b> , 374, 500-5	6.5	26
34	Single-molecule studies of membrane proteins. <i>Current Opinion in Structural Biology</i> , <b>2006</b> , 16, 489-95	8.1	96

33	Dynamics and diffusion in photosynthetic membranes from <i>Rhodospirillum rubrum</i> . <i>Biophysical Journal</i> , <b>2006</b> , 91, 3707-17	2.9	35
32	The photosynthetic apparatus of <i>Rhodospseudomonas palustris</i> : structures and organization. <i>Journal of Molecular Biology</i> , <b>2006</b> , 358, 83-96	6.5	123
31	High-Resolution Imaging and Force Measurement of Individual Membrane Proteins by AFM. <i>Current Nanoscience</i> , <b>2006</b> , 2, 329-335	1.4	4
30	Manipulating and imaging individual membrane proteins by AFM. <i>Surface and Interface Analysis</i> , <b>2006</b> , 38, 1413-1418	1.5	19
29	Two-chamber AFM: probing membrane proteins separating two aqueous compartments. <i>Nature Methods</i> , <b>2006</b> , 3, 1007-12	21.6	84
28	AFM studies of the supramolecular assembly of bacterial photosynthetic core-complexes. <i>Current Opinion in Chemical Biology</i> , <b>2006</b> , 10, 387-93	9.7	63
27	Chromatic adaptation of photosynthetic membranes. <i>Science</i> , <b>2005</b> , 309, 484-7	33.3	244
26	The 4.5 Å structure of human AQP2. <i>Journal of Molecular Biology</i> , <b>2005</b> , 350, 278-89	6.5	70
25	Membrane insertion of <i>Rhodospseudomonas acidophila</i> light harvesting complex 2 investigated by high resolution AFM. <i>Journal of Structural Biology</i> , <b>2005</b> , 149, 79-86	3.4	31
24	Architecture of the native photosynthetic apparatus of <i>Phaeospirillum molischianum</i> . <i>Journal of Structural Biology</i> , <b>2005</b> , 152, 221-8	3.4	72
23	Watching the components of photosynthetic bacterial membranes and their in situ organisation by atomic force microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2005</b> , 1712, 109-27	3.8	97
22	Structure of the dimeric PufX-containing core complex of <i>Rhodobacter blasticus</i> by in situ atomic force microscopy. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 1426-31	5.4	100
21	Carbohydrate-carbohydrate interaction provides adhesion force and specificity for cellular recognition. <i>Journal of Cell Biology</i> , <b>2004</b> , 165, 529-37	7.3	107
20	Watching the photosynthetic apparatus in native membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 11293-7	11.5	154
19	Variable LH2 stoichiometry and core clustering in native membranes of <i>Rhodospirillum rubrum</i> . <i>EMBO Journal</i> , <b>2004</b> , 23, 4127-33	13	132
18	Structural role of PufX in the dimerization of the photosynthetic core complex of <i>Rhodobacter sphaeroides</i> . <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 3620-6	5.4	110
17	AFM characterization of tilt and intrinsic flexibility of <i>Rhodobacter sphaeroides</i> light harvesting complex 2 (LH2). <i>Journal of Molecular Biology</i> , <b>2003</b> , 325, 569-80	6.5	76
16	Nanodissection and high-resolution imaging of the <i>Rhodospseudomonas viridis</i> photosynthetic core complex in native membranes by AFM. Atomic force microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1690-3	11.5	222



15	Sampling the conformational space of membrane protein surfaces with the AFM. <i>European Biophysics Journal</i> , <b>2002</b> , 31, 172-8	1.9	63
14	Imaging and manipulation of biological structures with the AFM. <i>Micron</i> , <b>2002</b> , 33, 385-97	2.3	324
13	Charting and unzipping the surface layer of <i>Corynebacterium glutamicum</i> with the atomic force microscope. <i>Molecular Microbiology</i> , <b>2002</b> , 44, 675-84	4.1	70
12	Introduction to atomic force microscopy (AFM) in biology. <i>Current Protocols in Protein Science</i> , <b>2002</b> , Chapter 17, Unit 17.7	3.1	1
11	Single Proteins Observed by Atomic Force Microscopy. <i>Single Molecules</i> , <b>2001</b> , 2, 59-67		60
10	High-resolution AFM topographs of <i>Rubrivivax gelatinosus</i> light-harvesting complex LH2. <i>EMBO Journal</i> , <b>2001</b> , 20, 3029-35	13	101
9	Two-dimensional crystals: a powerful approach to assess structure, function and dynamics of membrane proteins. <i>FEBS Letters</i> , <b>2001</b> , 504, 166-72	3.8	74
8	Conformational Changes, Flexibilities and Intramolecular Forces Observed on Individual Proteins Using AFM. <i>Single Molecules</i> , <b>2000</b> , 1, 115-118		2
7	The aquaporin sidedness revisited. <i>Journal of Molecular Biology</i> , <b>2000</b> , 299, 1271-8	6.5	20
6	Direct Observation of Postadsorption Aggregation of Antifreeze Glycoproteins on Silicates. <i>Langmuir</i> , <b>2000</b> , 16, 5785-5789	4	19
5	Imaging streptavidin 2D crystals on biotinylated lipid monolayers at high resolution with the atomic force microscope. <i>Journal of Microscopy</i> , <b>1999</b> , 193, 28-35	1.9	99
4	Electrostatically balanced subnanometer imaging of biological specimens by atomic force microscope. <i>Biophysical Journal</i> , <b>1999</b> , 76, 1101-11	2.9	318
3	High resolution AFM topographs of the <i>Escherichia coli</i> water channel aquaporin Z. <i>EMBO Journal</i> , <b>1999</b> , 18, 4981-7	13	155
2	A Novel Preparation Method for High Resolution AFM Introduced With 2d-Streptavidin Crystals Grown on a Biotinlipid Monolayer. <i>Microscopy and Microanalysis</i> , <b>1998</b> , 4, 312-313	0.5	
1	Atomic Force Microscopy: High-Resolution Imaging of Structure and Assembly of Membrane Proteins 141-158		