

Olgica Bakajin

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.

37
papers

12,311
citations

28
h-index

40
g-index

40
ext. papers

13,240
ext. citations

11.1
avg, IF

5.63
L-index

#	Paper	IF	Citations
37	Fabrication of flexible, aligned carbon nanotube/polymer composite membranes by in-situ polymerization. <i>Journal of Membrane Science</i> , 2014 , 460, 91-98	9.6	84
36	Molecular Design of Liquid Crystalline Brush-Like Block Copolymers for Magnetic Field Directed Self-Assembly: A Platform for Functional Materials.. <i>ACS Macro Letters</i> , 2014 , 3, 462-466	6.6	49
35	Nanofluidic Carbon Nanotube Membranes 2014 , 173-188		2
34	Water-assisted growth of uniform 100 nm diameter SWCNT arrays. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21019-25	9.5	12
33	Thermally switchable aligned nanopores by magnetic-field directed self-assembly of block copolymers. <i>Advanced Materials</i> , 2014 , 26, 5148-54	24	55
32	Slow unfolded-state structuring in Acyl-CoA binding protein folding revealed by simulation and experiment. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12565-77	16.4	113
31	Microfluidic mixers for studying protein folding. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	2
30	Evidence of multiple folding pathways for the villin headpiece subdomain. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 12632-7	3.4	30
29	Extremely slow intramolecular diffusion in unfolded protein L. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13713-7	11.5	82
28	pH-tunable ion selectivity in carbon nanotube pores. <i>Langmuir</i> , 2010 , 26, 14848-53	4	90
27	Mechanism and kinetics of growth termination in controlled chemical vapor deposition growth of multiwall carbon nanotube arrays. <i>Nano Letters</i> , 2009 , 9, 738-44	11.5	92
26	Direct observation of downhill folding of lambda-repressor in a microfluidic mixer. <i>Biophysical Journal</i> , 2009 , 97, 1772-7	2.9	38
25	Ion exclusion by sub-2-nm carbon nanotube pores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17250-5	11.5	523
24	Microfluidic mixers for the investigation of rapid protein folding kinetics using synchrotron radiation circular dichroism spectroscopy. <i>Analytical Chemistry</i> , 2008 , 80, 9534-41	7.8	44
23	Biofunctional subwavelength optical waveguides for biodetection. <i>ACS Nano</i> , 2008 , 2, 255-62	16.7	23
22	Mechanism of Ion Exclusion by Sub-2nm Carbon Nanotube Membranes. <i>Materials Research Society Symposia Proceedings</i> , 2008 , 1106, 1		7
21	Ruggedness in the folding landscape of protein L. <i>HFSP Journal</i> , 2008 , 2, 388-95		25

20	Fabrication and characterisation of suspended carbon nanotube devices in liquid. <i>International Journal of Nanotechnology</i> , 2008 , 5, 488	1.5	
19	Improvements in mixing time and mixing uniformity in devices designed for studies of protein folding kinetics. <i>Analytical Chemistry</i> , 2007 , 79, 5753-9	7.8	47
18	Protein hydrophobic collapse and early folding steps observed in a microfluidic mixer. <i>Biophysical Journal</i> , 2007 , 93, 218-24	2.9	64
17	Nanofluidics in carbon nanotubes. <i>Nano Today</i> , 2007 , 2, 22-29	17.9	963
16	Mapping protein collapse with single-molecule fluorescence and kinetic synchrotron radiation circular dichroism spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 105-10	11.5	196
15	Materials Aspects in Micro- and Nanofluidic Systems Applied to Biology. <i>MRS Bulletin</i> , 2006 , 31, 108-113	3.2	8
14	Ultrafast gas chromatography on single-wall carbon nanotube stationary phases in microfabricated channels. <i>Analytical Chemistry</i> , 2006 , 78, 5639-44	7.8	121
13	Fast mass transport through sub-2-nanometer carbon nanotubes. <i>Science</i> , 2006 , 312, 1034-7	33.3	2257
12	Controlled electrostatic gating of carbon nanotube FET devices. <i>Nano Letters</i> , 2006 , 6, 2080-5	11.5	88
11	Optimization of a microfluidic mixer for studying protein folding kinetics. <i>Analytical Chemistry</i> , 2006 , 78, 4299-306	7.8	69
10	Functional one-dimensional lipid bilayers on carbon nanotube templates. <i>Journal of the American Chemical Society</i> , 2005 , 127, 7538-42	16.4	54
9	Carbon Nanotube-Based Permeable Membranes. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 820, 1		1
8	Femtomole mixer for microsecond kinetic studies of protein folding. <i>Analytical Chemistry</i> , 2004 , 76, 7169-78	7.8	120
7	Fabrication of a Carbon Nanotube-Embedded Silicon Nitride Membrane for Studies of Nanometer-Scale Mass Transport. <i>Nano Letters</i> , 2004 , 4, 2245-2250	11.5	143
6	Layer-by-Layer electrostatic self-assembly of polyelectrolyte nanoshells on individual carbon nanotube templates. <i>Langmuir</i> , 2004 , 20, 1442-8	4	151
5	Single-molecule measurement of protein folding kinetics. <i>Science</i> , 2003 , 301, 1233-5	33.3	347
4	Near-field scanner for moving molecules. <i>Physical Review Letters</i> , 2001 , 86, 1378-81	7.4	60
3	Separation of 100-kilobase DNA molecules in 10 seconds. <i>Analytical Chemistry</i> , 2001 , 73, 6053-6	7.8	116

- 2 Contact line deposits in an evaporating drop. *Physical Review E*, **2000**, 62, 756-65 2.4 1634
- 1 Capillary flow as the cause of ring stains from dried liquid drops. *Nature*, **1997**, 389, 827-829 50.4 4601