



April 19, 2011

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Most Read Papers for 2010

Biophysical Journal (BJ) once again experienced a great year in website usage. Between July and December 2010, the BJ website received 1,551,706 visits. Below is a list of the top 10 most read papers on the BJ website (www.biophysj.org).



1. *Experimental evidence for membrane-mediated protein-protein interaction* (Volume 99; Issue 7; [Ignacio Casuso](#), [Pierre Sens](#), [Felix Rico](#), [Simon Scheuring](#))
2. *Single molecule diffusion of membrane-bound proteins: Window into lipid contacts and bilayer dynamics* (Volume 99; Issue 9; [Jefferson D. Knight](#), [Michael G. Lerner](#), [Joan G. Marcano-Velázquez](#), [Richard W. Pastor](#), [Joseph J. Falke](#))
3. *Partitioning of lipids at domain boundaries in model membranes* (Volume 99; Issue 12; [Lars V. Schäfer](#), [Siewert J. Marrink](#))
4. *A Predictive Model of Cell Traction Forces Based on Cell Geometry* (Volume 99; Issue 9; [Christopher A. Lemmon](#), [Lewis H. Romer](#))
5. *Conformational selection in G-proteins: lessons from Ras and Rho* (Volume 99; Issue 11; [Barry J. Grant](#), [J. Andrew McCammon](#), [Alemayehu A. Gorfe](#))
6. *Real-time nanoscopy by using blinking enhanced quantum dots* (Volume 99; Issue 7; [Tomonobu M. Watanabe](#), [Shingo Fukui](#), [Takashi Jin](#), [Fumihiko Fujii](#), [Toshio Yanagida](#))
7. *Defining the limits of single-molecule FRET resolution in TIRF microscopy* (Volume 99; Issue 9; [Seamus J. Holden](#), [Stephan Uphoff](#), [Johannes Hohlbein](#), [David Yadin](#), [Ludovic Le Reste](#), [Oliver J. Britton](#), [Achillefs N. Kapanidis](#))
8. *High Speed Bio-AFM reveals motion of membrane proteins driven by hydrophobic mismatch with nm precision in label free fashion* (Volume 99; Issue 7; [Peter Hinterdorfer](#))
9. *Counting bungarotoxin binding sites of nicotinic acetylcholine receptors in mammalian cells with high signal-to-noise ratios* (Volume 99; Issue 10; [Paul D. Simonson](#), [Hannah A. DeBerg](#), [Pinghua Ge](#), [John K. Alexander](#), [Okunola Jeyifous](#), [William N. Green](#), [Paul R. Selvin](#))
10. *Thermodynamics and kinetics of molecular motors* (Volume 98; Issue 11; [R. Dean Astumian](#))

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