Bernard Tinland

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8518246/publications.pdf

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12	303	1478505 6	1199594 12
papers	citations	h-index	g-index

13	13	13	418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diffusion coefficient of DNA molecules during free solution electrophoresis. Electrophoresis, 2001, 22, 2424-2432.	2.4	185
2	Simultaneous measurements of the electrophoretic mobility, diffusion coefficient and orientation of dsDNA during electrophoresis in polymer solutions. Electrophoresis, 2002, 23, 2755-2765.	2.4	27
3	Nanoroughness Strongly Impacts Lipid Mobility in Supported Membranes. Langmuir, 2017, 33, 2444-2453.	3.5	22
4	Effect of Ionic Strength on Dynamics of Supported Phosphatidylcholine Lipid Bilayer Revealed by FRAPP and Langmuirâ€“Blodgett Transfer Ratios. Langmuir, 2013, 29, 5540-5546.	3.5	19
5	Ripple formation in unilamellar-supported lipid bilayer revealed by FRAPP. European Physical Journal E, 2013, 36, 140.	1.6	14
6	Beyond Saffman-Delbruck approximation: A new regime for 2D diffusion of Î±-hemolysin complexes in supported lipid bilayer. European Physical Journal E, 2012, 35, 118.	1.6	11
7	Insertion and self-diffusion of a monotopic protein, the Aquifex aeolicus sulfide quinone reductase, in supported lipid bilayers. European Physical Journal E, 2015, 38, 110.	1.6	8
8	Filling nanopipettes with apertures smaller than 50 nm: dynamic microdistillation. Beilstein Journal of Nanotechnology, 2018, 9, 2181-2187.	2.8	6
9	Measuring liquid meniscus velocity to determine size of nanopipette aperture. Journal of Colloid and Interface Science, 2013, 392, 465-469.	9.4	5
10	Electric migration of Î±â€hemolysin in supported nâ€bilayers: A model for transmembrane protein microelectrophoresis. Electrophoresis, 2013, 34, 3054-3063.	2.4	3
11	Electrophoretic mobility of a monotopic membrane protein inserted into the top of supported lipid bilayers. European Physical Journal E, 2016, 39, 127.	1.6	2
12	Toward Electrophoretic Separation of Membrane Proteins in Supported n-Bilayers. ACS Omega, 2020, 5, 27741-27748.	3.5	1