

Bernard Tinland

List of Publications by Year in descending order

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1478505

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418
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Electrophoretic Separation of Membrane Proteins in Supported <i>n</i> -Bilayers. ACS Omega, 2020, 5, 27741-27748.	3.5	1
2	Filling nanopipettes with apertures smaller than 50 nm: dynamic microdistillation. Beilstein Journal of Nanotechnology, 2018, 9, 2181-2187.	2.8	6
3	Nanoroughness Strongly Impacts Lipid Mobility in Supported Membranes. Langmuir, 2017, 33, 2444-2453.	3.5	22
4	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
5	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
6	Effect of Ionic Strength on Dynamics of Supported Phosphatidylcholine Lipid Bilayer Revealed by FRAPP and Langmuir-Blodgett Transfer Ratios. Langmuir, 2013, 29, 5540-5546.	3.5	19
7	Ripple formation in unilamellar-supported lipid bilayer revealed by FRAPP. European Physical Journal E, 2013, 36, 140.	1.6	14
8	Measuring liquid meniscus velocity to determine size of nanopipette aperture. Journal of Colloid and Interface Science, 2013, 392, 465-469.	9.4	5
9	Electric migration of $\hat{\pm}$ -hemolysin in supported <i>n</i> -bilayers: A model for transmembrane protein microelectrophoresis. Electrophoresis, 2013, 34, 3054-3063.	2.4	3
10	Beyond Saffman-Delbruck approximation: A new regime for 2D diffusion of $\hat{\pm}$ -hemolysin complexes in supported lipid bilayer. European Physical Journal E, 2012, 35, 118.	1.6	11
11	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
12	Diffusion coefficient of DNA molecules during free solution electrophoresis. Electrophoresis, 2001, 22, 2424-2432.	2.4	185