

Nicholas Moringo

List of Publications by Year in descending order

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13
papers

600
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933447

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13
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804
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Particle Tracking: From Theory to Biophysical Applications. <i>Chemical Reviews</i> , 2017, 117, 7331-7376.	47.7	392
2	Super Temporal-Resolved Microscopy (STReM). <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4524-4529.	4.6	33
3	Environmental Symmetry Breaking Promotes Plasmon Mode Splitting in Gold Nanotriangles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13259-13266.	3.1	30
4	Generalized recovery algorithm for 3D super-resolution microscopy using rotating point spread functions. <i>Scientific Reports</i> , 2016, 6, 30826.	3.3	29
5	Enhancing Analytical Separations Using Super-Resolution Microscopy. <i>Annual Review of Physical Chemistry</i> , 2018, 69, 353-375.	10.8	18
6	Super-Temporal-Resolved Microscopy Reveals Multistep Desorption Kinetics of $\hat{I}\pm$ -Lactalbumin from Nylon. <i>Langmuir</i> , 2018, 34, 6697-6702.	3.5	16
7	A mechanistic examination of salting out in protein-polymer membrane interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22938-22945.	7.1	16
8	Generalized method to design phase masks for 3D super-resolution microscopy. <i>Optics Express</i> , 2019, 27, 3799.	3.4	16
9	Variable Lysozyme Transport Dynamics on Oxidatively Functionalized Polystyrene Films. <i>Langmuir</i> , 2017, 33, 10818-10828.	3.5	15
10	Variable surface transport modalities on functionalized nylon films revealed with single molecule spectroscopy. <i>RSC Advances</i> , 2016, 6, 27760-27766.	3.6	13
11	Unraveling peak asymmetry in chromatography through stochastic theory powered Monte Carlo simulations. <i>Journal of Chromatography A</i> , 2020, 1625, 461323.	3.7	8
12	Polymer Free Volume Effects on Protein Dynamics in Polystyrene Revealed by Single-Molecule Spectroscopy. <i>Langmuir</i> , 2020, 36, 2330-2338.	3.5	7
13	Single-Molecule Dynamics Reflect IgG Conformational Changes Associated with Ion-Exchange Chromatography. <i>Analytical Chemistry</i> , 2021, 93, 11200-11207.	6.5	7