

Martin LindÃ©n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9192102/publications.pdf>

Version: 2024-02-01

21
papers

926
citations

516710

16
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

1397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Curvature sensing by cardiolipin in simulated buckled membranes. <i>Soft Matter</i> , 2019, 15, 792-802. | 2.7 | 54 |
| 2 | An early peak in ion channel research. <i>Nature Physics</i> , 2018, 14, 105-105. | 16.7 | 0 |
| 3 | Computing Curvature Sensitivity of Biomolecules in Membranes by Simulated Buckling. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 1643-1655. | 5.3 | 19 |
| 4 | tRNA tracking for direct measurements of protein synthesis kinetics in live cells. <i>Nature Chemical Biology</i> , 2018, 14, 618-626. | 8.0 | 39 |
| 5 | Variational Algorithms for Analyzing Noisy Multistate Diffusion Trajectories. <i>Biophysical Journal</i> , 2018, 115, 276-282. | 0.5 | 22 |
| 6 | Pointwise error estimates in localization microscopy. <i>Nature Communications</i> , 2017, 8, 15115. | 12.8 | 40 |
| 7 | Simulated single molecule microscopy with SMeagol. <i>Bioinformatics</i> , 2016, 32, 2394-2395. | 4.1 | 26 |
| 8 | Curvature Sensing by a Viral Scission Protein. <i>Biochemistry</i> , 2016, 55, 3493-3496. | 2.5 | 23 |
| 9 | Anisotropic Membrane Curvature Sensing by Amphipathic Peptides. <i>Biophysical Journal</i> , 2016, 110, 197-204. | 0.5 | 45 |
| 10 | Charge-driven dynamics of nascent-chain movement through the SecYEG translocon. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 145-149. | 8.2 | 70 |
| 11 | Membrane remodeling capacity of a vesicle-inducing glycosyltransferase. <i>FEBS Journal</i> , 2014, 281, 3667-3684. | 4.7 | 19 |
| 12 | Multiple LacI-mediated loops revealed by Bayesian statistics and tethered particle motion. <i>Nucleic Acids Research</i> , 2014, 42, 10265-10277. | 14.5 | 29 |
| 13 | Extracting intracellular diffusive states and transition rates from single-molecule tracking data. <i>Nature Methods</i> , 2013, 10, 265-269. | 19.0 | 351 |
| 14 | Entropic Tension in Crowded Membranes. <i>PLoS Computational Biology</i> , 2012, 8, e1002431. | 3.2 | 68 |
| 15 | Sequence dependence of transcription factor-mediated DNA looping. <i>Nucleic Acids Research</i> , 2012, 40, 7728-7738. | 14.5 | 45 |
| 16 | Entropic Tension in Crowded Membranes. <i>Biophysical Journal</i> , 2012, 102, 430a. | 0.5 | 0 |
| 17 | Pulling out the coordination mechanism of myosin-VI. <i>Nature Chemical Biology</i> , 2009, 5, 376-377. | 8.0 | 0 |
| 18 | Decay times in turnover statistics of single enzymes. <i>Physical Review E</i> , 2008, 78, 010901. | 2.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Back-stepping, hidden substeps, and conditional dwell times in molecular motors. <i>Physical Review E</i> , 2007, 75, 021909. | 2.1 | 31 |
| 20 | Dwell Time Symmetry in Random Walks and Molecular Motors. <i>Biophysical Journal</i> , 2007, 92, 3804-3816. | 0.5 | 34 |
| 21 | Force generation in small ensembles of Brownian motors. <i>Physical Review E</i> , 2006, 74, 021908. | 2.1 | 9 |