

Beatrice Ramm

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

236
citations

9
h-index

15
g-index

18
ext. papers

385
ext. citations

9.5
avg, IF

3.66
L-index

#	Paper	IF	Citations
15	CTP-controlled liquid-liquid phase separation of ParB.. <i>Journal of Molecular Biology</i> , 2021 , 434, 167401	6.5	4
14	Mass-sensitive particle tracking to elucidate the membrane-associated MinDE reaction cycle. <i>Nature Methods</i> , 2021 , 18, 1239-1246	21.6	6
13	A diffusiophoretic mechanism for ATP-driven transport without motor proteins. <i>Nature Physics</i> , 2021 , 17, 850-858	16.2	9
12	Local Self-Enhancement of MinD Membrane Binding in Min Protein Pattern Formation. <i>Journal of Molecular Biology</i> , 2020 , 432, 3191-3204	6.5	6
11	The E. coli MinCDE system in the regulation of protein patterns and gradients. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 4245-4273	10.3	28
10	Stationary Patterns in a Two-Protein Reaction-Diffusion System. <i>ACS Synthetic Biology</i> , 2019 , 8, 148-157	5.7	19
9	In vitro reconstitution of the bacterial cytoskeleton: expected and unexpected new insights. <i>Microbial Biotechnology</i> , 2019 , 12, 74-76	6.3	0
8	High-Speed Atomic Force Microscopy Reveals the Inner Workings of the MinDE Protein Oscillator. <i>Nano Letters</i> , 2018 , 18, 288-296	11.5	20
7	Tanzende Vesikel: Proteinoszillationen föhren zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018 , 130, 16522-16527	3.6	9
6	The MinDE system is a generic spatial cue for membrane protein distribution in vitro. <i>Nature Communications</i> , 2018 , 9, 3942	17.4	27
5	Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16286-16290	16.4	82
4	In Vitro Reconstitution of Self-Organizing Protein Patterns on Supported Lipid Bilayers. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	11
3	Sequence-resolved free energy profiles of stress-bearing vimentin intermediate filaments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 11359-64	11.5	12
2	ATP driven diffusiophoresis: active cargo transport without motor proteins		2
1	Mass-sensitive particle tracking (MSPT) to elucidate the membrane-associated MinDE reaction cycle		1