

Beatrice Ramm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5937798/publications.pdf>

Version: 2024-02-01

16
papers

527
citations

840119

11
h-index

1125271

13
g-index

18
all docs

18
docs citations

18
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16286-16290.	7.2	142
2	The E. coli MinCDE system in the regulation of protein patterns and gradients. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4245-4273.	2.4	81
3	A diffusiophoretic mechanism for ATP-driven transport without motor proteins. <i>Nature Physics</i> , 2021, 17, 850-858.	6.5	53
4	The MinDE system is a generic spatial cue for membrane protein distribution in vitro. <i>Nature Communications</i> , 2018, 9, 3942.	5.8	49
5	Stationary Patterns in a Two-Protein Reaction-Diffusion System. <i>ACS Synthetic Biology</i> , 2019, 8, 148-157.	1.9	43
6	Mass-sensitive particle tracking to elucidate the membrane-associated MinDE reaction cycle. <i>Nature Methods</i> , 2021, 18, 1239-1246.	9.0	39
7	CTP-controlled liquid-liquid phase separation of ParB. <i>Journal of Molecular Biology</i> , 2022, 434, 167401.	2.0	28
8	High-Speed Atomic Force Microscopy Reveals the Inner Workings of the MinDE Protein Oscillator. <i>Nano Letters</i> , 2018, 18, 288-296.	4.5	22
9	In Vitro&/em> Reconstitution of Self-Organizing Protein Patterns on Supported Lipid Bilayers. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	20
10	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, 11359-11364.	3.3	17
11	Local Self-Enhancement of MinD Membrane Binding in Min Protein Pattern Formation. <i>Journal of Molecular Biology</i> , 2020, 432, 3191-3204.	2.0	14
12	Tanzende Vesikel: Proteinoszillationen fñ¼hren zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018, 130, 16522-16527.	1.6	13
13	<i>In vitro</i> reconstitution of the bacterial cytoskeleton: expected and unexpected new insights. <i>Microbial Biotechnology</i> , 2019, 12, 74-76.	2.0	1
14	Frontispiece: Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	7.2	0
15	Frontispiz: Tanzende Vesikel: Proteinoszillationen fñ¼hren zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018, 130, .	1.6	0
16	High-Speed AFM Correlation Spectroscopy (HS-AMF-CS): Åµs Protein Dynamics without Labels. <i>Biophysical Journal</i> , 2018, 114, 70a-71a.	0.2	0