

# Beatrice Ramm

## List of Publications by Year in descending order

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16  
papers

527  
citations

840119

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1125271

13  
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18  
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docs citations

18  
times ranked

431  
citing authors

#	ARTICLE	IF	CITATIONS
1	CTP-controlled liquid-liquid phase separation of ParB. <i>Journal of Molecular Biology</i> , 2022, 434, 167401.	2.0	28
2	A diffusio-phoretic mechanism for ATP-driven transport without motor proteins. <i>Nature Physics</i> , 2021, 17, 850-858.	6.5	53
3	Mass-sensitive particle tracking to elucidate the membrane-associated MinDE reaction cycle. <i>Nature Methods</i> , 2021, 18, 1239-1246.	9.0	39
4	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
5	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
6	Stationary Patterns in a Two-Protein Reaction-Diffusion System. <i>ACS Synthetic Biology</i> , 2019, 8, 148-157.	1.9	43
7	<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
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	Frontispiece: Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	7.2	0
10	Frontispiz: Tanzende Vesikel: Proteinoszillationen führen zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018, 130, .	1.6	0
11	Tanzende Vesikel: Proteinoszillationen führen zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018, 130, 16522-16527.	1.6	13
12	The MinDE system is a generic spatial cue for membrane protein distribution <i>in vitro</i> . <i>Nature Communications</i> , 2018, 9, 3942.	5.8	49
13	Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16286-16290.	7.2	142
14	<i>In Vitro</i> Reconstitution of Self-Organizing Protein Patterns on Supported Lipid Bilayers. <i>Journal of Visualized Experiments</i> , 2018, .	0.2	20
15	High-Speed AFM Correlation Spectroscopy (HS-AMF-CS): $\mu$ S Protein Dynamics without Labels. <i>Biophysical Journal</i> , 2018, 114, 70a-71a.	0.2	0
16	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