

# Thomas Litschel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1016537/publications.pdf>

Version: 2024-02-01

16  
papers

506  
citations

840585

11  
h-index

1058333

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

479  
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	Reconstitution of contractile actomyosin rings in vesicles. <i>Nature Communications</i> , 2021, 12, 2254.	5.8	74
3	Freeze-thaw cycles induce content exchange between cell-sized lipid vesicles. <i>New Journal of Physics</i> , 2018, 20, 055008.	1.2	46
4	Protein Reconstitution Inside Giant Unilamellar Vesicles. <i>Annual Review of Biophysics</i> , 2021, 50, 525-548.	4.5	39
5	Phosphoinositides regulate force-independent interactions between talin, vinculin, and actin. <i>ELife</i> , 2020, 9, .	2.8	39
6	Engineering reactionâ€“diffusion networks with properties of neural tissue. <i>Lab on A Chip</i> , 2018, 18, 714-722.	3.1	31
7	FtsZ Reorganization Facilitates Deformation of Giant Vesicles in Microfluidic Traps**. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21372-21376.	7.2	28
8	Actin crosslinker competition and sorting drive emergent GUV size-dependent actin network architecture. <i>Communications Biology</i> , 2021, 4, 1136.	2.0	26
9	Active shape oscillations of giant vesicles with cyclic closure and opening of membrane necks. <i>Soft Matter</i> , 2021, 17, 319-330.	1.2	20
10	Tanzende Vesikel: Proteinoszillationen fÃ¼hren zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018, 130, 16522-16527.	1.6	13
11	Shaping Giant Membrane Vesicles in 3Dâ€“Printed Protein Hydrogel Cages. <i>Small</i> , 2020, 16, e1906259.	5.2	12
12	Rapid Encapsulation of Reconstituted Cytoskeleton Inside Giant Unilamellar Vesicles. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	9
13	FtsZ Reorganization Facilitates Deformation of Giant Vesicles in Microfluidic Traps**. <i>Angewandte Chemie</i> , 2020, 132, 21556-21560.	1.6	4
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 fÃ¼hren zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018, 130, .	1.6	0
16	3D Printing: Shaping Giant Membrane Vesicles in 3Dâ€“Printed Protein Hydrogel Cages ( <i>Small</i> 27/2020). <i>Small</i> , 2020, 16, 2070151.	5.2	0