

Thomas Litschel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1016537/thomas-litschel-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

17
papers

231
citations

8
h-index

15
g-index

21
ext. papers

392
ext. citations

9.2
avg, IF

3.93
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 17 | Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16286-16290 | 16.4 | 82 |
| 16 | Freeze-thaw cycles induce content exchange between cell-sized lipid vesicles. <i>New Journal of Physics</i> , 2018 , 20, 055008 | 2.9 | 25 |
| 15 | Engineering reaction-diffusion networks with properties of neural tissue. <i>Lab on A Chip</i> , 2018 , 18, 714-722 | 2.2 | 22 |
| 14 | Phosphoinositides regulate force-independent interactions between talin, vinculin, and actin. <i>ELife</i> , 2020 , 9, | 8.9 | 20 |
| 13 | Reconstitution of contractile actomyosin rings in vesicles. <i>Nature Communications</i> , 2021 , 12, 2254 | 17.4 | 19 |
| 12 | Protein Reconstitution Inside Giant Unilamellar Vesicles. <i>Annual Review of Biophysics</i> , 2021 , 50, 525-548 | 21.1 | 12 |
| 11 | Active shape oscillations of giant vesicles with cyclic closure and opening of membrane necks. <i>Soft Matter</i> , 2021 , 17, 319-330 | 3.6 | 9 |
| 10 | Tanzende Vesikel: Proteinoszillationen führen zu periodischer Membranverformung. <i>Angewandte Chemie</i> , 2018 , 130, 16522-16527 | 3.6 | 9 |
| 9 | Shaping Giant Membrane Vesicles in 3D-Printed Protein Hydrogel Cages. <i>Small</i> , 2020 , 16, e1906259 | 11 | 8 |
| 8 | FtsZ Reorganization Facilitates Deformation of Giant Vesicles in Microfluidic Traps*. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21372-21376 | 16.4 | 8 |
| 7 | Actin crosslinker competition and sorting drive emergent GUV size-dependent actin network architecture. <i>Communications Biology</i> , 2021 , 4, 1136 | 6.7 | 7 |
| 6 | Reconstitution of contractile actomyosin rings in vesicles | | 5 |
| 5 | Actin crosslinker competition and sorting drive emergent GUV size-dependent actin network architecture | | 3 |
| 4 | Rapid Encapsulation of Reconstituted Cytoskeleton inside Giant Unilamellar Vesicles. <i>Journal of Visualized Experiments</i> , 2021 , | 1.6 | 1 |
| 3 | Microfluidic trapping of vesicles reveals membrane-tension dependent FtsZ cytoskeletal re-organisation | | 1 |
| 2 | FtsZ Reorganization Facilitates Deformation of Giant Vesicles in Microfluidic Traps**. <i>Angewandte Chemie</i> , 2020 , 132, 21556-21560 | 3.6 | 0 |
| 1 | 3D Printing: Shaping Giant Membrane Vesicles in 3D-Printed Protein Hydrogel Cages (Small 27/2020). <i>Small</i> , 2020 , 16, 2070151 | 11 | |

