Thomas Litschel

List of Publications by Year in Descending Order

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	Rapid Encapsulation of Reconstituted Cytoskeleton inside Giant Unilamellar Vesicles. *Journal of Visualized Experiments*, **2021**,	1.6	1
16	Reconstitution of contractile actomyosin rings in vesicles. *Nature Communications*, **2021**, 12, 2254	17.4	19
15	Protein Reconstitution Inside Giant Unilamellar Vesicles. *Annual Review of Biophysics*, **2021**, 50, 525-548	21.1	12
14	Active shape oscillations of giant vesicles with cyclic closure and opening of membrane necks. *Soft Matter*, **2021**, 17, 319-330	3.6	9
13	Actin crosslinker competition and sorting drive emergent GUV size-dependent actin network architecture. *Communications Biology*, **2021**, 4, 1136	6.7	7
12	Shaping Giant Membrane Vesicles in 3D-Printed Protein Hydrogel Cages. *Small*, **2020**, 16, e1906259	11	8
11	Phosphoinositides regulate force-independent interactions between talin, vinculin, and actin. *ELife*, **2020**, 9,	8.9	20
10	3D Printing: Shaping Giant Membrane Vesicles in 3D-Printed Protein Hydrogel Cages (Small 27/2020). *Small*, **2020**, 16, 2070151	11	
9	FtsZ Reorganization Facilitates Deformation of Giant Vesicles in Microfluidic Traps**. *Angewandte Chemie*, **2020**, 132, 21556-21560	3.6	0
8	FtsZ Reorganization Facilitates Deformation of Giant Vesicles in Microfluidic Traps*. *Angewandte Chemie - International Edition*, **2020**, 59, 21372-21376	16.4	8
7	Freeze-thaw cycles induce content exchange between cell-sized lipid vesicles. *New Journal of Physics*, **2018**, 20, 055008	2.9	25
6	Engineering reaction-diffusion networks with properties of neural tissue. *Lab on A Chip*, **2018**, 18, 714-722	7.2	22
5	Tanzende Vesikel: Proteinoszillationen führen zu periodischer Membranverformung. *Angewandte Chemie*, **2018**, 130, 16522-16527	3.6	9
4	Beating Vesicles: Encapsulated Protein Oscillations Cause Dynamic Membrane Deformations. *Angewandte Chemie - International Edition*, **2018**, 57, 16286-16290	16.4	82
3	Reconstitution of contractile actomyosin rings in vesicles		5
2	Actin crosslinker competition and sorting drive emergent GUV size-dependent actin network architecture		3
1	Microfluidic trapping of vesicles reveals membrane-tension dependent FtsZ cytoskeletal re-organisation		1