

Complete list of publications

Publications in peer review

1. Y. Xu, A. Chao, M. Rinaldin, A. Kickuth, J. Brugués, and S. Di Talia[†], “The cell cycle oscillator and spindle length set the speed of chromosome separation in *Drosophila* embryos”, *bioRxiv*: 2024.06.17.598879 (2024), accepted in *Curr. Biol.*
2. M. Rinaldin, A. Kickuth, B. Dalton, Y. Xu, S. Di Talia, and J. Brugués[†], “Robust cytoplasmic partitioning by resolving an intrinsic cytoskeletal instability”, *bioRxiv*: 2024.03.12.584684 (2024) under review in *Nature*.

Peer-reviewed publications

1. M. Rinaldin[†], B. ten Haaf, J. Salaris, E. J. Vegter, C. van der Wel, L. Giomi, and D. J. Kraft[†], “Supported lipid bilayers of designed shape obtained with microprinting and PDMS replica-molding”, *Soft Matter* 20, 7379 (2024), highlighted in the cover.
2. . Ketzetzi, M. Rinaldin, P. Dröge, J. de Graaf, and D. J. Kraft[†], “Activity-induced microswimmer interactions and cooperation in one-dimensional environments”, *Nat. Comm.* 13, 1772 (2022)
3. M. Rinaldin^{*}, P. Fonda^{*}, L. Giomi[†], and D. J. Kraft[†], “Geometric pinning and antimixing in scaffolded lipid vesicles”, *Nat. Comm.* 11, 4314 (2020), highlighted in *Nature Chemistry Community Blog*
4. M. Rinaldin, P. Fonda, L. Giomi and D. J. Kraft[†], “Lipid exchange enhances geometric pinning in multi-component membranes on patterned substrates”, *Soft Matter* 16, 4932 (2020), highlighted in the back cover
5. P. Fonda, M. Rinaldin, D. J. Kraft and L. Giomi[†], “Thermodynamic equilibrium of binary mixtures on curved surfaces”, *Phys. Rev. E* 100, 032604 (2019), editor’s suggestion
6. M. Rinaldin^{*}, R. W. Verweij^{*}, I. Chakraborty, and D. J. Kraft[†], “Colloid supported lipid bilayers for self-assembly”, *Soft Matter* 5, 1345 (2019)
7. P. Fonda, M. Rinaldin, D. J. Kraft and L. Giomi[†], “Interface geometry of binary mixtures on curved substrates”, *Phys. Rev. E* 98, 032801 (2018)

Publications for the general public

1. M. Rinaldin, “Vloeibare Patronen”, *Nederland Tijdschrift voor Natuurkunde* (Apr. 2021)

*= co-first, [†]= co-corresponding