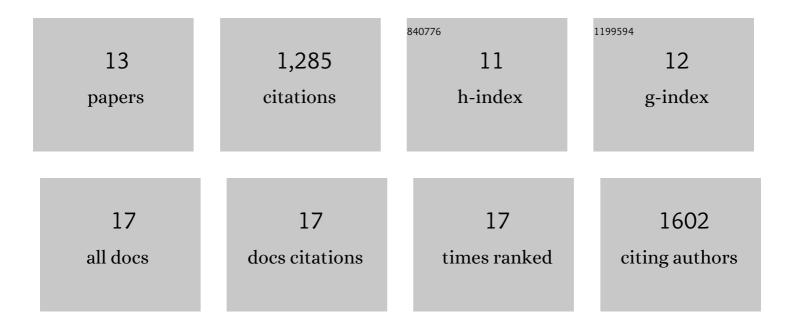
Hervé Turlier

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Blastocoel morphogenesis: A biophysics perspective. Seminars in Cell and Developmental Biology, 2022, 130, 12-23.	5.0	4
2	A viscous active shell theory of the cell cortex. Journal of the Mechanics and Physics of Solids, 2022, 164, 104876.	4.8	16
3	A hydro-osmotic coarsening theory of biological cavity formation. PLoS Computational Biology, 2021, 17, e1009333.	3.2	16
4	Hydraulic fracturing and active coarsening position the lumen of the mouse blastocyst. Science, 2019, 365, 465-468.	12.6	155
5	Unveiling the Active Nature of Living-Membrane Fluctuations and Mechanics. Annual Review of Condensed Matter Physics, 2019, 10, 213-232.	14.5	37
6	Fluctuations in Active Membranes. , 2018, , 581-619.		11
7	Asymmetric division of contractile domains couples cell positioning and fate specification. Nature, 2016, 536, 344-348.	27.8	303
8	Equilibrium physics breakdown reveals the active nature of red blood cell flickering. Nature Physics, 2016, 12, 513-519.	16.7	231
9	Pulsatile cell-autonomous contractility drives compaction in the mouse embryo. Nature Cell Biology, 2015, 17, 849-855.	10.3	267
10	Mechanics of tissue compaction. Seminars in Cell and Developmental Biology, 2015, 47-48, 110-117.	5.0	39
11	Mechanical Checkpoint For Persistent Cell Polarization In Adhesion-Naive Fibroblasts. Biophysical Journal, 2014, 107, 324-335.	0.5	15
12	Furrow Constriction in Animal Cell Cytokinesis. Biophysical Journal, 2014, 106, 114-123.	0.5	163
13	Still Water: Dead Zones and Collimated Ejecta from the Impact of Granular Jets. Physical Review Letters, 2013, 111, 168001.	7.8	17