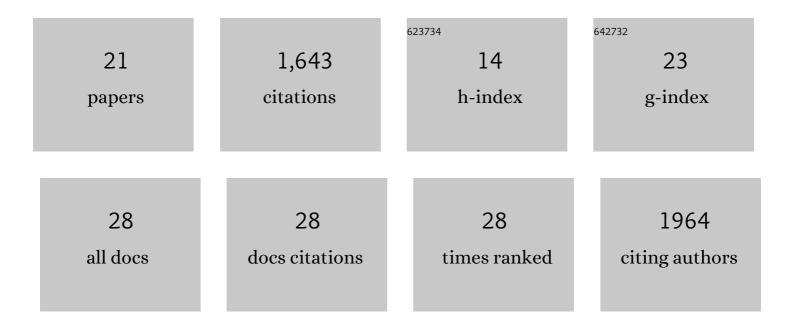
Romain Levayer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Biomechanical regulation of contractility: spatial control and dynamics. Trends in Cell Biology, 2012, 22, 61-81.	7.9	263
2	Spatial regulation of Dia and Myosin-II by RhoGEF2 controls initiation of E-cadherin endocytosis during epithelial morphogenesis. Nature Cell Biology, 2011, 13, 529-540.	10.3	240
3	Tissue Crowding Induces Caspase-Dependent Competition for Space. Current Biology, 2016, 26, 670-677.	3.9	179
4	Oscillation and Polarity of E-Cadherin Asymmetries Control Actomyosin Flow Patterns during Morphogenesis. Developmental Cell, 2013, 26, 162-175.	7.0	152
5	Mechanisms of cell competition: Themes and variations. Journal of Cell Biology, 2013, 200, 689-698.	5.2	128
6	Cell mixing induced by myc is required for competitive tissue invasion and destruction. Nature, 2015, 524, 476-480.	27.8	123
7	Survival of the Fittest: Essential Roles of Cell Competition in Development, Aging, and Cancer. Trends in Cell Biology, 2016, 26, 776-788.	7.9	121
8	Competition for Space Induces Cell Elimination through Compaction-Driven ERK Downregulation. Current Biology, 2019, 29, 23-34.e8.	3.9	100
9	Robustness of epithelial sealing is an emerging property of local ERK feedback driven by cell elimination. Developmental Cell, 2021, 56, 1700-1711.e8.	7.0	69
10	Solid stress, competition for space and cancer: The opposing roles of mechanical cell competition in tumour initiation and growth. Seminars in Cancer Biology, 2020, 63, 69-80.	9.6	57
11	Breaking down EMT. Nature Cell Biology, 2008, 10, 757-759.	10.3	51
12	Multiple Influences of Mechanical Forces on Cell Competition. Current Biology, 2019, 29, R762-R774.	3.9	46
13	LocalZProjector and DeProj: a toolbox for local 2D projection and accurate morphometrics of large 3D microscopy images. BMC Biology, 2021, 19, 136.	3.8	29
14	Dying under pressure: cellular characterisation and <i>in vivo</i> functions of cell death induced by compaction. Biology of the Cell, 2019, 111, 51-66.	2.0	26
15	Collective effects in epithelial cell death and cell extrusion. Current Opinion in Genetics and Development, 2022, 72, 8-14.	3.3	16
16	How to be in a good shape? The influence of clone morphology on cell competition. Communicative and Integrative Biology, 2016, 9, e1102806.	1.4	8
17	Microtubule disassembly by caspases is an important rate-limiting step of cell extrusion. Nature Communications, 2022, 13, .	12.8	8
18	Cell Extrusion: Crowd Pushing and Sticky Neighbours. Current Biology, 2020, 30, R168-R171.	3.9	5

#	Article	IF	CITATIONS
19	Cell Competition: How to Take Over the Space Left by Your Neighbours. Current Biology, 2018, 28, R741-R744.	3.9	3
20	Keeping Cell Death Alive: An Introduction into the French Cell Death Research Network. Biomolecules, 2022, 12, 901.	4.0	2
21	Cell competition: Bridging the scales through cell-based modeling. Current Biology, 2021, 31, R856-R858.	3.9	1