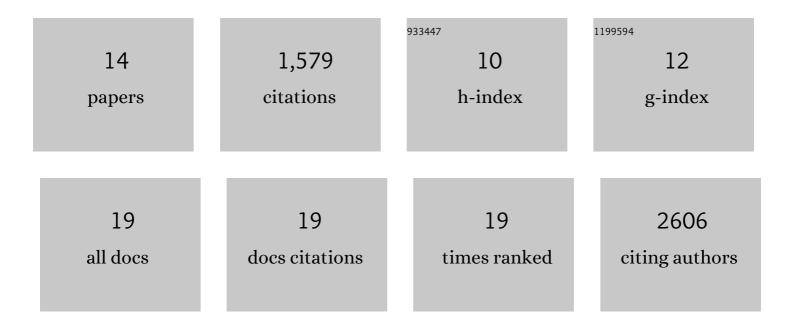
## Pierre Nassoy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9391254/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Morpho-elasticity of human pluripotent stem cell cysts. Journal of the Mechanics and Physics of Solids, 2022, 160, 104778.	4.8	5
2	A novel 3D culture model recapitulates primary FL B-cell features and promotes their survival. Blood Advances, 2021, 5, 5372-5386.	5.2	18
3	Adaptive coherence volume in full-field optical coherence tomography. OSA Continuum, 2021, 4, 2805.	1.8	0
4	Buckling of an Epithelium Growing under Spherical Confinement. Developmental Cell, 2020, 54, 655-668.e6.	7.0	75
5	Role of mechanical cues and hypoxia on the growth of tumor cells in strong and weak confinement: A dual in vitro–in silico approach. Science Advances, 2020, 6, eaaz7130.	10.3	15
6	Postnatal vasculogenesis. , 2020, , 101-112.		0
7	Remote scanning for ultra-large field of view in wide-field microscopy and full-field OCT. Biomedical Optics Express, 2020, 11, 2578.	2.9	6
8	A model of guided cell self-organization for rapid and spontaneous formation of functional vessels. Science Advances, 2019, 5, eaau6562.	10.3	61
9	Quantitative cell-based model predicts mechanical stress response of growing tumor spheroids over various growth conditions and cell lines. PLoS Computational Biology, 2019, 15, e1006273.	3.2	46
10	All-in-one 3D printed microscopy chamber for multidimensional imaging, the UniverSlide. Scientific Reports, 2017, 7, 42378.	3.3	25
11	Controlled production of sub-millimeter liquid core hydrogel capsules for parallelized 3D cell culture. Lab on A Chip, 2017, 17, 110-119.	6.0	44
12	A 3D printed microfluidic device for production of functionalized hydrogel microcapsules for culture and differentiation of human Neuronal Stem Cells (hNSC). Lab on A Chip, 2016, 16, 1593-1604.	6.0	121
13	Cellular capsules as a tool for multicellular spheroid production and for investigating the mechanics of tumor progression in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14843-14848.	7.1	367
14	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. Cell, 2011, 144, 402-413.	28.9	791