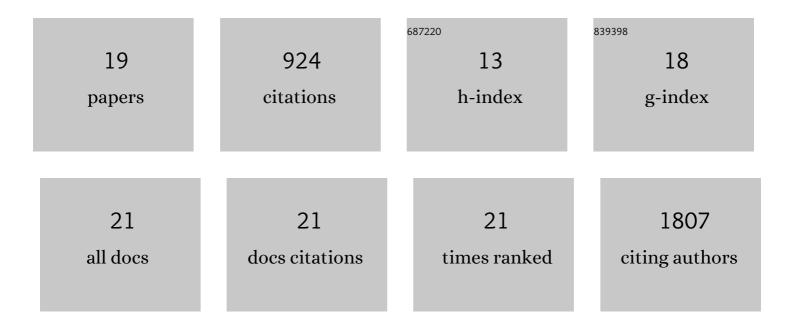
Ignasi Jorba

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/686101/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Alzheimer's Disease Mutant Mice Exhibit Reduced Brain Tissue Stiffness Compared to Wild-type Mice in both Normoxia and following Intermittent Hypoxia Mimicking Sleep Apnea. Frontiers in Neurology, 2018, 9, 1.	1.1	250
2	The local microenvironment limits the regenerative potential of the mouse neonatal heart. Science Advances, 2018, 4, eaao5553.	4.7	124
3	Probing Micromechanical Properties of the Extracellular Matrix of Soft Tissues by Atomic Force Microscopy. Journal of Cellular Physiology, 2017, 232, 19-26.	2.0	91
4	Bidirectional mechanobiology between cells and their local extracellular matrix probed by atomic force microscopy. Seminars in Cell and Developmental Biology, 2018, 73, 71-81.	2.3	63
5	Proteomics Analysis of Extracellular Matrix Remodeling During Zebrafish Heart Regeneration. Molecular and Cellular Proteomics, 2019, 18, 1745-1755.	2.5	51
6	Nonlinear elasticity of the lung extracellular microenvironment is regulated by macroscale tissue strain. Acta Biomaterialia, 2019, 92, 265-276.	4.1	49
7	Head-to-head comparison of two engineered cardiac grafts for myocardial repair: From scaffold characterization to pre-clinical testing. Scientific Reports, 2018, 8, 6708.	1.6	45
8	A Novel Chip for Cyclic Stretch and Intermittent Hypoxia Cell Exposures Mimicking Obstructive Sleep Apnea. Frontiers in Physiology, 2016, 7, 319.	1.3	42
9	Leaves of isopreneâ€emitting tobacco plants maintain PSII stability at high temperatures. New Phytologist, 2019, 223, 1307-1318.	3.5	38
10	Epithelial contribution to the profibrotic stiff microenvironment and myofibroblast population in lung fibrosis. Molecular Biology of the Cell, 2017, 28, 3741-3755.	0.9	33
11	Intermittent Hypoxia Mimicking Sleep Apnea Increases Passive Stiffness of Myocardial Extracellular Matrix. A Multiscale Study. Frontiers in Physiology, 2018, 9, 1143.	1.3	32
12	First-in-human PeriCord cardiac bioimplant: Scalability and GMP manufacturing of an allogeneic engineered tissue graft. EBioMedicine, 2020, 54, 102729.	2.7	27
13	<i>In Vitro</i> Methods to Model Cardiac Mechanobiology in Health and Disease. Tissue Engineering - Part C: Methods, 2021, 27, 139-151.	1.1	21
14	Ageing and chronic intermittent hypoxia mimicking sleep apnea do not modify local brain tissue stiffness in healthy mice. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 71, 106-113.	1.5	13
15	Dopamine D1 receptor stimulates cathepsin K-dependent degradation and resorption of collagen I in lung fibroblasts. Journal of Cell Science, 2020, 133, .	1.2	12
16	Condensation of the Drosophila nerve cord is oscillatory and depends on coordinated mechanical interactions. Developmental Cell, 2022, 57, 867-882.e5.	3.1	12
17	Biomechanical Response of Lung Epithelial Cells to Iron Oxide and Titanium Dioxide Nanoparticles. Frontiers in Physiology, 2019, 10, 1047.	1.3	10
18	Passive Stiffness of Left Ventricular Myocardial Tissue Is Reduced by Ovariectomy in a Post-menopause Mouse Model. Frontiers in Physiology, 2018, 9, 1545.	1.3	8

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#	Article	IF	CITATIONS	
19	AFM and Microrheology in the Zebrafish Embryo Yolk Cell. Journal of Visualized Experiments, 2017, , .	0.2	1	