Ignasi Jorba

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/686101/publications.pdf

Version: 2024-02-01

19	924	687220 13	839398 18
papers	citations	h-index	g-index

21	21	21	1807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Condensation of the Drosophila nerve cord is oscillatory and depends on coordinated mechanical interactions. Developmental Cell, 2022, 57, 867-882.e5.	3.1	12
2	In VitroMethods to Model Cardiac Mechanobiology in Health and Disease. Tissue Engineering - Part C: Methods, 2021, 27, 139-151.	1.1	21
3	First-in-human PeriCord cardiac bioimplant: Scalability and GMP manufacturing of an allogeneic engineered tissue graft. EBioMedicine, 2020, 54, 102729.	2.7	27
4	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
5	Biomechanical Response of Lung Epithelial Cells to Iron Oxide and Titanium Dioxide Nanoparticles. Frontiers in Physiology, 2019, 10, 1047.	1.3	10
6	Proteomics Analysis of Extracellular Matrix Remodeling During Zebrafish Heart Regeneration. Molecular and Cellular Proteomics, 2019, 18, 1745-1755.	2.5	51
7	Nonlinear elasticity of the lung extracellular microenvironment is regulated by macroscale tissue strain. Acta Biomaterialia, 2019, 92, 265-276.	4.1	49
8	Leaves of isopreneâ€emitting tobacco plants maintain PSII stability at high temperatures. New Phytologist, 2019, 223, 1307-1318.	3.5	38
9	The local microenvironment limits the regenerative potential of the mouse neonatal heart. Science Advances, 2018, 4, eaao5553.	4.7	124
10	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
11	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
12	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
13	Intermittent Hypoxia Mimicking Sleep Apnea Increases Passive Stiffness of Myocardial Extracellular Matrix. A Multiscale Study. Frontiers in Physiology, 2018, 9, 1143.	1.3	32
14	Alzheimerâ€™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
15	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
16	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
17	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
18	AFM and Microrheology in the Zebrafish Embryo Yolk Cell. Journal of Visualized Experiments, 2017, , .	0.2	1

#	Article	IF	Citations
19	A Novel Chip for Cyclic Stretch and Intermittent Hypoxia Cell Exposures Mimicking Obstructive Sleep Apnea. Frontiers in Physiology, 2016, 7, 319.	1.3	42