

# Noelia Campillo

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

901  
citations

516561

16  
h-index

752573

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardized Nanomechanical Atomic Force Microscopy Procedure (SNAP) for Measuring Soft and Biological Samples. <i>Scientific Reports</i> , 2017, 7, 5117.	1.6	195
2	Hydraulic fracture during epithelial stretching. <i>Nature Materials</i> , 2015, 14, 343-351.	13.3	122
3	Probing Micromechanical Properties of the Extracellular Matrix of Soft Tissues by Atomic Force Microscopy. <i>Journal of Cellular Physiology</i> , 2017, 232, 19-26.	2.0	91
4	Effects of freezing/thawing on the mechanical properties of decellularized lungs. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 413-419.	2.1	85
5	Differential Oxygenation in Tumor Microenvironment Modulates Macrophage and Cancer Cell Crosstalk: Novel Experimental Setting and Proof of Concept. <i>Frontiers in Oncology</i> , 2019, 9, 43.	1.3	56
6	Effects of Sustained and Intermittent Hypoxia on Human Lung Cancer Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 540-544.	1.4	43
7	A Novel Chip for Cyclic Stretch and Intermittent Hypoxia Cell Exposures Mimicking Obstructive Sleep Apnea. <i>Frontiers in Physiology</i> , 2016, 7, 319.	1.3	42
8	Role of Cyclooxygenase-2 on Intermittent Hypoxia-Induced Lung Tumor Malignancy in a Mouse Model of Sleep Apnea. <i>Scientific Reports</i> , 2017, 7, 44693.	1.6	38
9	Mechanical properties of mouse lungs along organ decellularization by sodium dodecyl sulfate. <i>Respiratory Physiology and Neurobiology</i> , 2014, 200, 1-5.	0.7	34
10	Mechanical properties of acellular mouse lungs after sterilization by gamma irradiation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 40, 168-177.	1.5	31
11	Intermittent hypoxia increases kidney tumor vascularization in a murine model of sleep apnea. <i>PLoS ONE</i> , 2017, 12, e0179444.	1.1	30
12	Pressure- and flow-controlled media perfusion differently modify vascular mechanics in lung decellularization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 49, 69-79.	1.5	28
13	Frequency and magnitude of intermittent hypoxia modulate endothelial wound healing in a cell culture model of sleep apnea. <i>Journal of Applied Physiology</i> , 2017, 123, 1047-1054.	1.2	22
14	Ageing Reduces Intermittent Hypoxia-induced Lung Carcinoma Growth in a Mouse Model of Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1234-1236.	2.5	21
15	Early Impairment of Lung Mechanics in a Murine Model of Marfan Syndrome. <i>PLoS ONE</i> , 2016, 11, e0152124.	1.1	21
16	Lung bioengineering: physical stimuli and stem/progenitor cell biology interplay towards biofabricating a functional organ. <i>Respiratory Research</i> , 2016, 17, 161.	1.4	19
17	Behavior of vascular resistance undergoing various pressure insufflation and perfusion on decellularized lungs. <i>Journal of Biomechanics</i> , 2016, 49, 1230-1232.	0.9	11
18	Alveolus Lung-on-a-Chip Platform: A Proposal. <i>Chemosensors</i> , 2021, 9, 248.	1.8	6

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19	Parabiotic model for differentiating local and systemic effects of continuous and intermittent hypoxia. <i>Journal of Applied Physiology</i> , 2015, 118, 42-47.	1.2	5
20	Transient Alteration of Gene Expression in Adipose-Derived Stem Cells Using Liposomal-Driven Protein Extracts. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 145-154.	1.0	1