

Nuno Miranda Coelho

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

645
citations

840776

11
h-index

996975

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16
all docs

16
docs citations

16
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	DDR1 associates with TRPV4 in cell-matrix adhesions to enable calcium-regulated myosin activity and collagen compaction. <i>Journal of Cellular Physiology</i> , 2022, 237, 2451-2468.	4.1	6
2	Suppression of the fibrotic encapsulation of silicone implants by inhibiting the mechanical activation of pro-fibrotic TGF- β 2. <i>Nature Biomedical Engineering</i> , 2021, 5, 1437-1456.	22.5	67
3	MRIP Regulates the Myosin IIA Activity and DDR1 Function to Enable Collagen Tractional Remodeling. <i>Cells</i> , 2020, 9, 1672.	4.1	7
4	Dynamic fibroblast contractions attract remote macrophages in fibrillar collagen matrix. <i>Nature Communications</i> , 2019, 10, 1850.	12.8	167
5	Mechanical regulation of myofibroblast phenoconversion and collagen contraction. <i>Experimental Cell Research</i> , 2019, 379, 119-128.	2.6	118
6	Mechanical signaling through the discoidin domain receptor 1 plays a central role in tissue fibrosis. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-15.	2.7	27
7	Discoidin Domain Receptor 1 Mediates Myosin-Dependent Collagen Contraction. <i>Cell Reports</i> , 2017, 18, 1774-1790.	6.4	83
8	Dynamic Reorganization and Enzymatic Remodeling of Type IV Collagen at Cell-Biomaterial Interface. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 105, 81-104.	2.3	14
9	Contribution of collagen adhesion receptors to tissue fibrosis. <i>Cell and Tissue Research</i> , 2016, 365, 521-538.	2.9	55
10	Collagen Processing and its Role in Fibrosis. , 2015, , 261-278.		3
11	Interferometric Backward Third Harmonic Generation Microscopy for Axial Imaging with Accuracy Beyond the Diffraction Limit. <i>PLoS ONE</i> , 2014, 9, e94458.	2.5	5
12	Fibroblasts remodeling of type IV collagen at a biomaterials interface. <i>Biomaterials Science</i> , 2013, 1, 494.	5.4	18
13	Interactions between the discoidin domain receptor 1 and β 1 integrin regulate attachment to collagen. <i>Biology Open</i> , 2013, 2, 1148-1159.	1.2	44
14	Arrangement of Type IV Collagen and Laminin on Substrates with Controlled Density of -OH Groups. <i>Tissue Engineering - Part A</i> , 2011, 17, 2245-2257.	3.1	13
15	Arrangement of type IV collagen on NH ₂ and COOH functionalized surfaces. <i>Biotechnology and Bioengineering</i> , 2011, 108, 3009-3018.	3.3	16