Delphine Gourdon

List of Publications by Year
in descending order

13	848	758635 12	1125271 13
papers	citations	h-index	g-index

13	13	13	1689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. Science Translational Medicine, 2015, 7, 301ra130.	5.8	252
2	Collagen microarchitecture mechanically controls myofibroblast differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11387-11398.	3.3	127
3	3D conducting polymer platforms for electrical control of protein conformation and cellular functions. Journal of Materials Chemistry B, 2015, 3, 5040-5048.	2.9	116
4	Breast cancer cells alter the dynamics of stromal fibronectin-collagen interactions. Matrix Biology, 2017, 60-61, 86-95.	1.5	75
5	Stiffening and unfolding of early deposited-fibronectin increase proangiogenic factor secretion by breast cancer-associated stromal cells. Biomaterials, 2015, 54, 63-71.	5.7	67
6	Fibronectin Mechanobiology Regulates Tumorigenesis. Cellular and Molecular Bioengineering, 2016, 9, 1-11.	1.0	57
7	Effect of the Materials Properties of Hydroxyapatite Nanoparticles on Fibronectin Deposition and Conformation. Crystal Growth and Design, 2015, 15, 2452-2460.	1.4	39
8	Boundary mode lubrication of articular cartilage with a biomimetic diblock copolymer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12437-12441.	3.3	31
9	Fibronectin mediates enhanced wear protection of lubricin during shear. Biomacromolecules, 2015, 16, 2884-2894.	2.6	29
10	Interaction with Cartilage Increases the Viscosity of Hyaluronic Acid Solutions. ACS Biomaterials Science and Engineering, 2020, 6, 2787-2795.	2.6	17
11	Synergistic Interactions of a Synthetic Lubricin-Mimetic with Fibronectin for Enhanced Wear Protection. Frontiers in Bioengineering and Biotechnology, 2017, 5, 36.	2.0	13
12	Dynamics of Synovial Fluid Aggregation under Shear. Langmuir, 2019, 35, 15887-15896.	1.6	13
13	Protein-crystal interface mediates cell adhesion and proangiogenic secretion. Biomaterials, 2017, 116, 174-185.	5.7	12