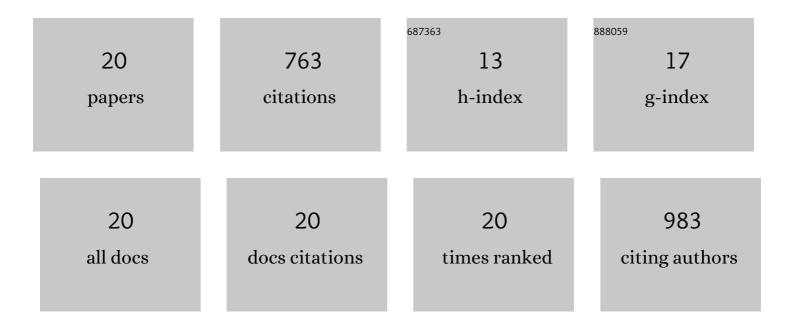
## Yulia Merkher

List of Publications by Year in descending order

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VIIIIA MEDKHED

#	Article	IF	CITATIONS
1	Actin as a Target to Reduce Cell Invasiveness in Initial Stages of Metastasis. Annals of Biomedical Engineering, 2021, 49, 1342-1352.	2.5	10
2	Abstract PO-042: Nanoparticles imaging for cancer metastasis diagnosis. , 2021, , .		3
3	Rapid, quantitative prediction of tumor invasiveness in non-melanoma skin cancers using mechanobiology-based assay. Biomechanics and Modeling in Mechanobiology, 2021, 20, 1767-1774.	2.8	6
4	Lung mechanics modifications facilitating metastasis are mediated in part by breast cancerâ€derived extracellular vesicles. International Journal of Cancer, 2020, 147, 2924-2933.	5.1	23
5	Proximity of Metastatic Cells Strengthens the Mechanical Interaction with Their Environment. Lecture Notes in Bioengineering, 2018, , 253-258.	0.4	0
6	Proximity of Metastatic Cells Enhances Their Mechanobiological Invasiveness. Annals of Biomedical Engineering, 2017, 45, 1399-1406.	2.5	26
7	Taxol reduces synergistic, mechanobiological invasiveness of metastatic cells. Convergent Science Physical Oncology, 2017, 3, 044002.	2.6	14
8	Prolyl hydroxylation in elastin is not random. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2169-2177.	2.4	19
9	Injectable hydrogels with high fixed charge density and swelling pressure for nucleus pulposus repair: Biomimetic glycosaminoglycan analogues. Acta Biomaterialia, 2014, 10, 1124-1133.	8.3	46
10	Advances in the diagnosis of degenerated lumbar discs and their possible clinical application. European Spine Journal, 2014, 23, 315-323.	2.2	53
11	Biochemical composition and turnover of the extracellular matrix of the normal and degenerate intervertebral disc. European Spine Journal, 2014, 23, 344-353.	2.2	94
12	A needle micro-osmometer for determination of glycosaminoglycan concentration in excised nucleus pulposus tissue. European Spine Journal, 2013, 22, 1765-1773.	2.2	8
13	Normal and Shear Interactions between Hyaluronan–Aggrecan Complexes Mimicking Possible Boundary Lubricants in Articular Cartilage in Synovial Joints. Biomacromolecules, 2012, 13, 3823-3832.	5.4	72
14	Longevity of elastin in human intervertebral disc as probed by the racemization of aspartic acid. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1671-1677.	2.4	21
15	Articular Cartilage Proteoglycans As Boundary Lubricants: Structure and Frictional Interaction of Surface-Attached Hyaluronan and Hyaluronan–Aggrecan Complexes. Biomacromolecules, 2011, 12, 3432-3443.	5.4	120
16	Liposomes Act as Effective Biolubricants for Friction Reduction in Human Synovial Joints. Langmuir, 2010, 26, 1107-1116.	3.5	108
17	Surface Active Phospholipids as Cartilage Lubricants. , 2008, , .		0
18	Are disc pressure, stress, and osmolarity affected by intra- and extrafibrillar fluid exchange?. Journal of Orthopaedic Research, 2007, 25, 1317-1324.	2.3	36

#	Article	IF	CITATIONS
19	A rational human joint friction test using a human cartilage-on-cartilage arrangement. Tribology Letters, 2006, 22, 29-36.	2.6	59
20	Correlation of swelling pressure and intrafibrillar water in young and aged human intervertebral discs. Journal of Orthopaedic Research, 2006, 24, 1292-1298.	2.3	45