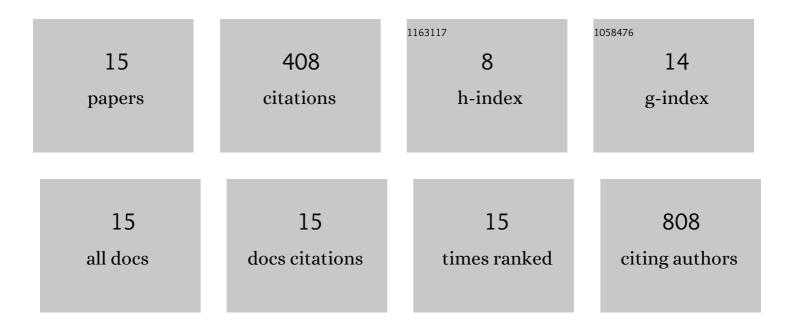


## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9612390/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Vimentin intermediate filaments modulate cell traction force but not cell sensitivity to substrate stiffness. Cytoskeleton, 2021, 78, 293-302.	2.0	9
2	Effect of vimentin on cell migration in collagen-coated microchannels: A mimetic physiological confined environment. Biomicrofluidics, 2021, 15, 034105.	2.4	5
3	Heterogeneity Profoundly Alters Emergent Stress Fields in Constrained Multicellular Systems. Biophysical Journal, 2020, 118, 15-25.	0.5	8
4	Batch fabrication of electrochemical sensors on a glycol-modified polyethylene terephthalate-based microfluidic device. Biosensors and Bioelectronics, 2020, 167, 112521.	10.1	16
5	Reliable and mobile all-fiber modular optical tweezers. Scientific Reports, 2020, 10, 20099.	3.3	5
6	Heavy Metal Exposure Leads to Rapid Changes in Cellular Biophysical Properties. ACS Biomaterials Science and Engineering, 2020, 6, 1965-1976.	5.2	6
7	Microfluidic device as a facile in vitro tool to generate and investigate lipid gradients. Chemistry and Physics of Lipids, 2018, 210, 109-121.	3.2	1
8	Effects of PTEN Loss and Activated KRAS Overexpression on Mechanical Properties of Breast Epithelial Cells. International Journal of Molecular Sciences, 2018, 19, 1613.	4.1	7
9	Objective-lens-free Fiber-based Position Detection with Nanometer Resolution in a Fiber Optical Trapping System. Scientific Reports, 2017, 7, 13168.	3.3	12
10	Active Traction Force Response to Long-Term Cyclic Stretch Is Dependent on Cell Pre-stress. Biophysical Journal, 2016, 110, 1845-1857.	0.5	37
11	Aligned Nanotopography Promotes a Migratory State in Glioblastoma Multiforme Tumor Cells. Scientific Reports, 2016, 6, 26143.	3.3	46
12	Fiber based optical tweezers for simultaneous in situ force exertion and measurements in a 3D polyacrylamide gel compartment. Biomedical Optics Express, 2015, 6, 2325.	2.9	14
13	Effects of non-linearity on cell–ECM interactions. Experimental Cell Research, 2013, 319, 2481-2489.	2.6	95
14	Non-affine deformations in polymer hydrogels. Soft Matter, 2012, 8, 8039.	2.7	123
15	Temperature Effects on Threshold Counterion Concentration to Induce Aggregation of fd Virus. Physical Review Letters, 2006, 97, 048101	7.8	24