

# Xu Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11703732/publications.pdf>

Version: 2024-02-01

16  
papers

395  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

707  
citing authors

#	ARTICLE	IF	CITATIONS
1	PB2-588â€%V promotes the mammalian adaptation of H10N8, H7N9 and H9N2 avian influenza viruses. <i>Scientific Reports</i> , 2016, 6, 19474.	3.3	123
2	Magnetic fields at extremely low-frequency (50Hz, 0.8mT) can induce the uptake of intracellular calcium levels in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 662-666.	2.1	60
3	A quantitative study on morphological responses of osteoblastic cells to fluid shear stress. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 195-201.	2.0	31
4	Pre-culture Sudan Black B treatment suppresses autofluorescence signals emitted from polymer tissue scaffolds. <i>Scientific Reports</i> , 2017, 7, 8361.	3.3	29
5	Biological Characterizations of H5Nx Avian Influenza Viruses Embodying Different Neuraminidases. <i>Frontiers in Microbiology</i> , 2017, 8, 1084.	3.5	27
6	Genetic Evolution and Molecular Selection of the HE Gene of Influenza C Virus. <i>Viruses</i> , 2019, 11, 167.	3.3	27
7	Micromechanical stimulator for localized cell loading: fabrication and strain analysis. <i>Journal of Micromechanics and Microengineering</i> , 2013, 23, 015002.	2.6	19
8	Simultaneous Measurements of Geometric and Viscoelastic Properties of Hydrogel Microbeads Using Continuous Flow Microfluidics with Embedded Electrodes. <i>Small</i> , 2017, 13, 1702821.	10.0	19
9	A microdevice for studying intercellular electromechanical transduction in adult cardiac myocytes. <i>Lab on A Chip</i> , 2013, 13, 3090.	6.0	13
10	Real-time observations of mechanical stimulus-induced enhancements of mechanical properties in osteoblast cells. <i>Ultramicroscopy</i> , 2008, 108, 1338-1341.	1.9	12
11	A microscale mechanical stimulator for generating identical in-plane surface strains toward live cells on multiple loading sites. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 484-491.	7.8	11
12	Programmable patterning of polymeric microparticles by floating electrodes-assisted electrospray. <i>Journal of Micromechanics and Microengineering</i> , 2012, 22, 047001.	2.6	10
13	Microscale cell stretcher to generate spatially uniform equi-biaxial strain using an elastomeric membrane with a contoured thickness profile. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1600-1609.	7.8	6
14	A multiplexed micromechanical cell stimulator for studying magnitude-dependent cell responses. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 415-425.	2.2	4
15	3D Printed Minerals as Astrobiology Analogs of Hydrothermal Vent Chimneys. <i>Astrobiology</i> , 2020, 20, 1405-1412.	3.0	3
16	Structural and functional analysis of the roles of Influenza C virus membrane proteins in assembly and budding. <i>Journal of Biological Chemistry</i> , 2022, , 101727.	3.4	1