

# Weikun Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8825173/publications.pdf>

Version: 2024-02-01

13  
papers

480  
citations

840119

11  
h-index

1281420

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

823  
citing authors

#	ARTICLE	IF	CITATIONS
1	G-quadruplex conformation and dynamics are determined by loop length and sequence. <i>Nucleic Acids Research</i> , 2014, 42, 8106-8114.	6.5	142
2	Brain-Mimetic 3D Culture Platforms Allow Investigation of Cooperative Effects of Extracellular Matrix Features on Therapeutic Resistance in Glioblastoma. <i>Cancer Research</i> , 2018, 78, 1358-1370.	0.4	72
3	Integrating the glioblastoma microenvironment into engineered experimental models. <i>Future Science OA</i> , 2017, 3, FSO189.	0.9	61
4	In situ coherent diffractive imaging. <i>Nature Communications</i> , 2018, 9, 1826.	5.8	52
5	Bioengineered scaffolds for 3D culture demonstrate extracellular matrix-mediated mechanisms of chemotherapy resistance in glioblastoma. <i>Matrix Biology</i> , 2020, 85-86, 128-146.	1.5	46
6	Injectable, Hyaluronic Acid-Based Scaffolds with Macroporous Architecture for Gene Delivery. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 399-413.	1.0	24
7	Cancer-Associated Fibroblasts Confer Gemcitabine Resistance to Pancreatic Cancer Cells through PTEN-Targeting miRNAs in Exosomes. <i>Cancers</i> , 2022, 14, 2812.	1.7	20
8	Injectable, macroporous scaffolds for delivery of therapeutic genes to the injured spinal cord. <i>APL Bioengineering</i> , 2021, 5, 016104.	3.3	19
9	Extracellular Matrix Proteins Confer Cell Adhesion-Mediated Drug Resistance Through Integrin $\alpha 5 \beta 1$ in Glioblastoma Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 616580.	1.8	17
10	Hyaluronic-Acid Based Hydrogels for 3-Dimensional Culture of Patient-Derived Glioblastoma Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	14
11	Dual-Stimuli-Responsive Polymer Composite with Ultrawide Tunable Stiffness Range Triggered by Water and Temperature. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2008-2015.	2.0	13
12	G-Quadruplex Folding Depends on its Loop Size and Sequence: Extreme Fast Folding Kinetics Observed in Human Telomere and its Isomer. <i>Biophysical Journal</i> , 2014, 106, 64a.	0.2	0
13	Brain-Mimetic Microenvironments for Culture of Primary Glioblastoma Multiforme Cells. <i>Biophysical Journal</i> , 2016, 110, 340a.	0.2	0