

# Zhixiong Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/738057/publications.pdf>

Version: 2024-02-01

12  
papers

352  
citations

933264

10  
h-index

1281743

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Prediction of Single-Cell Derived Sphere Formation Rate Using Convolutional Neural Network Image Analysis. <i>Analytical Chemistry</i> , 2020, 92, 7717-7724.	3.2	14
2	Label-Free Estimation of Therapeutic Efficacy on 3D Cancer Spheres Using Convolutional Neural Network Image Analysis. <i>Analytical Chemistry</i> , 2019, 91, 14093-14100.	3.2	29
3	Single-cell RNA-sequencing of migratory breast cancer cells: discovering genes associated with cancer metastasis. <i>Analyst, The</i> , 2019, 144, 7296-7309.	1.7	45
4	Co-culture of functionally enriched cancer stem-like cells and cancer-associated fibroblasts for single-cell whole transcriptome analysis. <i>Integrative Biology (United Kingdom)</i> , 2019, 11, 353-361.	0.6	10
5	Functional Isolation of Tumor-Initiating Cells using Microfluidic-Based Migration Identifies Phosphatidylserine Decarboxylase as a Key Regulator. <i>Scientific Reports</i> , 2018, 8, 244.	1.6	30
6	Morphology-based prediction of cancer cell migration using an artificial neural network and a random decision forest. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 758-767.	0.6	28
7	Scalable Multiplexed Drug-Combination Screening Platforms Using 3D Microtumor Model for Precision Medicine. <i>Small</i> , 2018, 14, e1703617.	5.2	35
8	Endothelial-derived interleukin-6 induces cancer stem cell motility by generating a chemotactic gradient towards blood vessels. <i>Oncotarget</i> , 2017, 8, 100339-100352.	0.8	24
9	Single cell dual adherent-suspension co-culture micro-environment for studying tumor-stromal interactions with functionally selected cancer stem-like cells. <i>Lab on A Chip</i> , 2016, 16, 2935-2945.	3.1	30
10	High-throughput biomimetic 3D gel-island chip for investigating cancer cell heterogeneity. , 2016, , .		0
11	Microfluidics 3D gel-island chip for single cell isolation and lineage-dependent drug responses study. <i>Lab on A Chip</i> , 2016, 16, 2504-2512.	3.1	22
12	High-Throughput Cancer Cell Sphere Formation for Characterizing the Efficacy of Photo Dynamic Therapy in 3D Cell Cultures. <i>Scientific Reports</i> , 2015, 5, 12175.	1.6	85