

# Abbas Shirinifard

## List of Publications by Year in descending order

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24  
papers

2,012  
citations

394421

19  
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610901

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docs citations

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times ranked

3643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matricellular Protein WISP2 Is an Endogenous Inhibitor of Collagen Linearization and Cancer Metastasis. <i>Cancer Research</i> , 2021, 81, 5666-5677.	0.9	9
2	Oxygen Tension and the VHL-Hif1 $\beta$ Pathway Determine Onset of Neuronal Polarization and Cerebellar Germinal Zone Exit. <i>Neuron</i> , 2020, 106, 607-623.e5.	8.1	31
3	Correlative three-dimensional super-resolution and block-face electron microscopy of whole vitreously frozen cells. <i>Science</i> , 2020, 367, .	12.6	255
4	Deep multiomics profiling of brain tumors identifies signaling networks downstream of cancer driver genes. <i>Nature Communications</i> , 2019, 10, 3718.	12.8	42
5	The tumor cell $\beta$ secreted matricellular protein $\langle$ scp $\rangle$ WISP $\langle$ /scp $\rangle$ 1 drives pro $\beta$ metastatic collagen linearization. <i>EMBO Journal</i> , 2019, 38, e101302.	7.8	24
6	Circadian gene variants and the skeletal muscle circadian clock contribute to the evolutionary divergence in longevity across $\langle$ i $\rangle$ Drosophila $\langle$ /i $\rangle$ populations. <i>Genome Research</i> , 2019, 29, 1262-1276.	5.5	20
7	Interleukin-15 Enhances Anti-GD2 Antibody-Mediated Cytotoxicity in an Orthotopic PDX Model of Neuroblastoma. <i>Clinical Cancer Research</i> , 2019, 25, 7554-7564.	7.0	33
8	Retinal Cell Type DNA Methylation and Histone Modifications Predict Reprogramming Efficiency and Retinogenesis in 3D Organoid Cultures. <i>Cell Reports</i> , 2018, 22, 2601-2614.	6.4	63
9	The Dynamic Epigenetic Landscape of the Retina During Development, Reprogramming, and Tumorigenesis. <i>Neuron</i> , 2017, 94, 550-568.e10.	8.1	222
10	Measuring Absolute Blood Perfusion in Mice Using Dynamic Contrast-Enhanced Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1628-1638.	1.5	5
11	Detection of Phenotypic Alterations Using High-Content Analysis of Whole-Slide Images. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 301-310.	2.5	8
12	Development and characterization of a human orthotopic neuroblastoma xenograft. <i>Developmental Biology</i> , 2015, 407, 344-355.	2.0	30
13	Emergent Stratification in Solid Tumors Selects for Reduced Cohesion of Tumor Cells: A Multi-Cell, Virtual-Tissue Model of Tumor Evolution Using CompuCell3D. <i>PLoS ONE</i> , 2015, 10, e0127972.	2.5	32
14	Targeting the DNA Repair Pathway in Ewing Sarcoma. <i>Cell Reports</i> , 2014, 9, 829-840.	6.4	141
15	The cell behavior ontology: describing the intrinsic biological behaviors of real and model cells seen as active agents. <i>Bioinformatics</i> , 2014, 30, 2367-2374.	4.1	35
16	Ovarian Tumor Attachment, Invasion, and Vascularization Reflect Unique Microenvironments in the Peritoneum: Insights from Xenograft and Mathematical Models. <i>Frontiers in Oncology</i> , 2013, 3, 97.	2.8	45
17	3D quantitative analyses of angiogenic sprout growth dynamics. <i>Developmental Dynamics</i> , 2013, 242, 518-526.	1.8	8
18	Multi-Scale Modeling of Tissues Using CompuCell3D. <i>Methods in Cell Biology</i> , 2012, 110, 325-366.	1.1	415

#	ARTICLE	IF	CITATIONS
19	Adhesion Failures Determine the Pattern of Choroidal Neovascularization in the Eye: A Computer Simulation Study. PLoS Computational Biology, 2012, 8, e1002440.	3.2	39
20	Computer Simulations of Cell Sorting Due to Differential Adhesion. PLoS ONE, 2011, 6, e24999.	2.5	61
21	Front Instabilities and Invasiveness of Simulated 3D Avascular Tumors. PLoS ONE, 2010, 5, e10641.	2.5	31
22	3D Multi-Cell Simulation of Tumor Growth and Angiogenesis. PLoS ONE, 2009, 4, e7190.	2.5	235
23	Contact-Inhibited Chemotaxis in De Novo and Sprouting Blood-Vessel Growth. PLoS Computational Biology, 2008, 4, e1000163.	3.2	185
24	Simulation of single-species bacterial-biofilm growth using the Glazier-Graner-Hogeweg model and the CompuCell3D modeling environment. Mathematical Biosciences and Engineering, 2008, 5, 355-388.	1.9	43