Bahram Parvin

List of Publications by Year
in descending order

26	838	623188 14	552369 26
papers	citations	h-index	g-index

26	26	26	1605
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breast Fibroblasts Modulate Early Dissemination, Tumorigenesis, and Metastasis through Alteration of Extracellular Matrix Characteristics. Neoplasia, 2013, 15, 249-IN7.	2.3	183
2	CD36 Repression Activates a Multicellular Stromal Program Shared by High Mammographic Density and Tumor Tissues. Cancer Discovery, 2012, 2, 826-839.	7.7	157
3	Invariant Delineation of Nuclear Architecture in Glioblastoma Multiforme for Clinical and Molecular Association. IEEE Transactions on Medical Imaging, 2013, 32, 670-682.	5.4	89
4	Molecular Predictors of 3D Morphogenesis by Breast Cancer Cell Lines in 3D Culture. PLoS Computational Biology, 2010, 6, e1000684.	1.5	77
5	A molecular method for the delivery of small molecules and proteins across the cell wall of algae using molecular transporters. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13225-13230.	3.3	52
6	Linking Changes in Epithelial Morphogenesis to Cancer Mutations Using Computational Modeling. PLoS Computational Biology, 2010, 6, e1000900.	1.5	38
7	A Practical Methodology for Generating High-Resolution 3D Models of Open-Pit Slopes Using UAVs: Flight Path Planning and Optimization. Remote Sensing, 2020, 12, 2283.	1.8	28
8	Iterative Tensor Voting for Perceptual Grouping of Ill-Defined Curvilinear Structures. IEEE Transactions on Medical Imaging, 2011, 30, 1503-1513.	5.4	27
9	Integrated profiling of three dimensional cell culture models and 3D microscopy. Bioinformatics, 2013, 29, 3087-3093.	1.8	26
10	Stress Signaling from Human Mammary Epithelial Cells Contributes to Phenotypes of Mammographic Density. Cancer Research, 2014, 74, 5032-5044.	0.4	26
11	BioSig3D: High Content Screening of Three-Dimensional Cell Culture Models. PLoS ONE, 2016, 11, e0148379.	1.1	19
12	Multidimensional Profiling of Cell Surface Proteins and Nuclear Markers. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2010, 7, 80-90.	1.9	16
13	Stiffness of the microenvironment upregulates ERBB2 expression in 3D cultures of MCF10A within the range of mammographic density. Scientific Reports, 2016, 6, 28987.	1.6	15
14	Fusion of encoder-decoder deep networks improves delineation of multiple nuclear phenotypes. BMC Bioinformatics, 2018, 19, 294.	1.2	14
15	Feature-Based Representation Improves Color Decomposition and Nuclear Detection Using a Convolutional Neural Network. IEEE Transactions on Biomedical Engineering, 2018, 65, 625-634.	2.5	13
16	Protein Ligands in the Secretome of CD36+ Fibroblasts Induce Growth Suppression in a Subset of Breast Cancer Cell Lines. Cancers, 2021, 13, 4521.	1.7	9
17	Efficient synthesis of fluorescent rosamines: multifunctional platforms for cellular imaging. Tetrahedron Letters, 2014, 55, 1549-1551.	0.7	8
18	Overexpression of CD36 in mammary fibroblasts suppresses colony growth in breast cancer cell lines. Biochemical and Biophysical Research Communications, 2020, 526, 41-47.	1.0	8

#	Article	IF	Citations
19	Topographically Guided UAV for Identifying Tension Cracks Using Image-Based Analytics in Open-Pit Mines. IEEE Transactions on Industrial Electronics, 2021, 68, 5415-5424.	5.2	8
20	Identification of Fluorescent Compounds with Non-Specific Binding Property via High Throughput Live Cell Microscopy. PLoS ONE, 2012, 7, e28802.	1.1	6
21	Functionalized Buckyballs for Visualizing Microbial Species in Different States and Environments. Scientific Reports, 2015, 5, 13685.	1.6	6
22	YY1 is a cis-regulator in the organoid models of high mammographic density. Bioinformatics, 2020, 36, 1663-1667.	1.8	6
23	Buckyballs conjugated with nucleic acid sequences identifies microorganisms in live cell assays. Journal of Nanobiotechnology, 2017, 15, 78.	4.2	2
24	Deep fusion of contextual and object-based representations for delineation of multiple nuclear phenotypes. Bioinformatics, 2019, 35, 4860-4861.	1.8	2
25	Organoid model of mammographic density displays a higher frequency of aberrant colony formations with radiation exposure. Bioinformatics, 2020, 36, 1989-1993.	1.8	2
26	Rapid identification of a subset of foodborne bacteria in live-cell assays. Applied Microbiology and Biotechnology, 2020, 104, 10571-10584.	1.7	1