BÃ¼lent Yener

List of Publications by Year
in descending order

23 papers	2,506 citations	567144 15 h-index	677027 22 g-index
23 all docs	23 docs citations	23 times ranked	3207 citing authors

#	Article	IF	Citations
1	Image-driven discriminative and generative methods for establishing microstructure-processing relationships relevant to nuclear fuel processing pipelines. Microscopy and Microanalysis, 2021, 27, 2128-2130.	0.2	1
2	Adoption of Image-Driven Machine Learning for Microstructure Characterization and Materials Design: A Perspective. Jom, 2021, 73, 3639-3657.	0.9	6
3	An image-driven machine learning approach to kinetic modeling of a discontinuous precipitation reaction. Materials Characterization, 2020, 166, 110379.	1.9	20
4	A computational study on convolutional feature combination strategies for grade classification in colon cancer using fluorescence microscopy data. Proceedings of SPIE, 2017, , .	0.8	1
5	Image driven machine learning methods for microstructure recognition. Computational Materials Science, 2016, 123, 176-187.	1.4	239
6	Cell-graphs. Communications of the ACM, 2016, 60, 74-84.	3.3	22
7	Follicular lymphoma grading using cell-graphs and multi-scale feature analysis. Proceedings of SPIE, 2012, , .	0.8	20
8	Novel Image Analysis Approach Quantifies Morphological Characteristics of 3D Breast Culture Acini with Varying Metastatic Potentials. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-16.	3.0	9
9	Coupled Analysis of In Vitro and Histology Tissue Samples to Quantify Structure-Function Relationship. PLoS ONE, 2012, 7, e32227.	1.1	27
10	Quantitative metric profiles capture three-dimensional temporospatial architecture to discriminate cellular functional states. BMC Medical Imaging, 2011, 11, 11.	1.4	11
11	Classification of breast cancer grades through quantitative characterization of ductal structure morphology in three-dimensional cultures. , 2011, , .		0
12	ECM-aware cell-graph mining for bone tissue modeling and classification. Data Mining and Knowledge Discovery, 2010, 20, 416-438.	2.4	53
13	Quantification of Three-Dimensional Cell-Mediated Collagen Remodeling Using Graph Theory. PLoS ONE, 2010, 5, e12783.	1.1	10
14	The Natural and Engineered 3D Microenvironment as a Regulatory Cue During Stem Cell Fate Determination. Tissue Engineering - Part B: Reviews, 2009, 15, 371-380.	2.5	158
15	Histopathological Image Analysis: A Review. IEEE Reviews in Biomedical Engineering, 2009, 2, 147-171.	13.1	1,511
16	Multiway modeling and analysis in stem cell systems biology. BMC Systems Biology, 2008, 2, 63.	3.0	32
17	Cell-Graph Mining for Breast Tissue Modeling and Classification. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5311-4.	0.5	71
18	Proteomics reveals multiple routes to the osteogenic phenotype in mesenchymal stem cells. BMC Genomics, 2007, 8, 380.	1.2	24

#	Article	IF	Citations
19	Graph Theoretic and Spectral Analysis of Enron Email Data. Computational and Mathematical Organization Theory, 2005, 11, 265-281.	1.5	73
20	Augmented cell-graphs for automated cancer diagnosis. Bioinformatics, 2005, 21, ii7-ii12.	1.8	46
21	Learning the Topological Properties of Brain Tumors. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2005, 2, 262-270.	1.9	45
22	The cell graphs of cancer. Bioinformatics, 2004, 20, i145-i151.	1.8	120
23	Studying E-Mail Graphs for Intelligence Monitoring and Analysis in the Absence of Semantic Information. Lecture Notes in Computer Science, 2004, , 297-306.	1.0	7