

Cigdem Gunduz-Demir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7527434/publications.pdf>

Version: 2024-02-01

23
papers

893
citations

623734

14
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

1037
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic segmentation of colon glands using object-graphs. <i>Medical Image Analysis</i> , 2010, 14, 1-12.	11.6	122
2	Color Graphs for Automated Cancer Diagnosis and Grading. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 665-674.	4.2	96
3	A color and shape based algorithm for segmentation of white blood cells in peripheral blood and bone marrow images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 480-490.	1.5	96
4	Object-oriented texture analysis for the unsupervised segmentation of biopsy images for cancer detection. <i>Pattern Recognition</i> , 2009, 42, 1104-1112.	8.1	82
5	Unsupervised Feature Extraction via Deep Learning for Histopathological Classification of Colon Tissue Images. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1139-1149.	8.9	79
6	Graph Run-Length Matrices for Histopathological Image Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 721-732.	8.9	72
7	Attributed Relational Graphs for Cell Nucleus Segmentation in Fluorescence Microscopy Images. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1121-1131.	8.9	59
8	A Hybrid Classification Model for Digital Pathology Using Structural and Statistical Pattern Recognition. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 474-483.	8.9	57
9	Cartilage Endplate Thickness Variation Measured by Ultrashort Echo-Time MRI Is Associated With Adjacent Disc Degeneration. <i>Spine</i> , 2018, 43, E592-E600.	2.0	46
10	Smart Markers for Watershed-Based Cell Segmentation. <i>PLoS ONE</i> , 2012, 7, e48664.	2.5	35
11	Multilevel Segmentation of Histopathological Images Using Cooccurrence of Tissue Objects. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 1681-1690.	4.2	30
12	Local Object Patterns for the Representation and Classification of Colon Tissue Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 1390-1396.	6.3	22
13	Iterative hâ€minimaâ€based markerâ€controlled watershed for cell nucleus segmentation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 338-349.	1.5	22
14	Mathematical modeling of the malignancy of cancer using graph evolution. <i>Mathematical Biosciences</i> , 2007, 209, 514-527.	1.9	19
15	Objectâ€Oriented Segmentation of Cell Nuclei in Fluorescence Microscopy Images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 1019-1028.	1.5	14
16	A Resampling-Based Markovian Model for Automated Colon Cancer Diagnosis. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 281-289.	4.2	13
17	DeepDistance: A multi-task deep regression model for cell detection in inverted microscopy images. <i>Medical Image Analysis</i> , 2020, 63, 101720.	11.6	13
18	Unsupervised Tissue Image Segmentation through Object-Oriented Texture. , 2010, , .		7

#	ARTICLE	IF	CITATIONS
19	<i>AttentionBoost</i> : Learning What to Attend for Gland Segmentation in Histopathological Images by Boosting Fully Convolutional Networks. IEEE Transactions on Medical Imaging, 2020, 39, 4262-4273.	8.9	7
20	Graph walks for classification of histopathological images. , 2013, , .		2
21	Mathematical analysis of colon glands for cancer diagnosis. , 2009, , .		0
22	Detection of colon glands using subgraph modeling. , 2011, , .		0
23	Tissue object patterns for segmentation in histopathological images. , 2011, , .		0