

Ahmad Chaddad

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,555
citations

331538

21
h-index

330025

37
g-index

59
all docs

59
docs citations

59
times ranked

2370
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics in Glioblastoma: Current Status and Challenges Facing Clinical Implementation. <i>Frontiers in Oncology</i> , 2019, 9, 374.	1.3	132
2	Temozolomide Induced Hypermutation in Glioma: Evolutionary Mechanisms and Therapeutic Opportunities. <i>Frontiers in Oncology</i> , 2019, 9, 41.	1.3	109
3	Multimodal Radiomic Features for the Predicting Gleason Score of Prostate Cancer. <i>Cancers</i> , 2018, 10, 249.	1.7	88
4	Hippocampus and amygdala radiomic biomarkers for the study of autism spectrum disorder. <i>BMC Neuroscience</i> , 2017, 18, 52.	0.8	81
5	Predicting Gleason Score of Prostate Cancer Patients Using Radiomic Analysis. <i>Frontiers in Oncology</i> , 2018, 8, 630.	1.3	72
6	Automated Feature Extraction in Brain Tumor by Magnetic Resonance Imaging Using Gaussian Mixture Models. <i>International Journal of Biomedical Imaging</i> , 2015, 2015, 1-11.	3.0	71
7	Prediction of survival with multi-scale radiomic analysis in glioblastoma patients. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 2287-2300.	1.6	69
8	Deep Radiomic Analysis of MRI Related to Alzheimer's Disease. <i>IEEE Access</i> , 2018, 6, 58213-58221.	2.6	67
9	Novel Radiomic Features Based on Joint Intensity Matrices for Predicting Glioblastoma Patient Survival Time. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 795-804.	3.9	65
10	Quantitative evaluation of robust skull stripping and tumor detection applied to axial MR images. <i>Brain Informatics</i> , 2016, 3, 53-61.	1.8	54
11	Predicting survival time of lung cancer patients using radiomic analysis. <i>Oncotarget</i> , 2017, 8, 104393-104407.	0.8	54
12	Classifications of Multispectral Colorectal Cancer Tissues Using Convolution Neural Network. <i>Journal of Pathology Informatics</i> , 2017, 8, 1.	0.8	53
13	Extracted magnetic resonance texture features discriminate between phenotypes and are associated with overall survival in glioblastoma multiforme patients. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1707-1718.	1.6	50
14	Multi-scale radiomic analysis of sub-cortical regions in MRI related to autism, gender and age. <i>Scientific Reports</i> , 2017, 7, 45639.	1.6	46
15	Radiomics Evaluation of Histological Heterogeneity Using Multiscale Textures Derived From 3D Wavelet Transformation of Multispectral Images. <i>Frontiers in Oncology</i> , 2018, 8, 96.	1.3	44
16	Integration of Radiomic and Multi-omic Analyses Predicts Survival of Newly Diagnosed IDH1 Wild-Type Glioblastoma. <i>Cancers</i> , 2019, 11, 1148.	1.7	41
17	Glioma Grading via Analysis of Digital Pathology Images Using Machine Learning. <i>Cancers</i> , 2020, 12, 578.	1.7	40
18	Multi Texture Analysis of Colorectal Cancer Continuum Using Multispectral Imagery. <i>PLoS ONE</i> , 2016, 11, e0149893.	1.1	40

#	ARTICLE	IF	CITATIONS
19	A quantitative study of shape descriptors from glioblastoma multiforme phenotypes for predicting survival outcome. <i>British Journal of Radiology</i> , 2016, 89, 20160575.	1.0	39
20	Predicting the Gene Status and Survival Outcome of Lower Grade Glioma Patients With Multimodal MRI Features. <i>IEEE Access</i> , 2019, 7, 75976-75984.	2.6	25
21	Radiomics texture feature extraction for characterizing GBM phenotypes using GLCM. , 2015, , .		24
22	Segmentation and Grade Prediction of Colon Cancer Digital Pathology Images Across Multiple Institutions. <i>Cancers</i> , 2019, 11, 1700.	1.7	24
23	Deep Radiomic Analysis Based on Modeling Information Flow in Convolutional Neural Networks. <i>IEEE Access</i> , 2019, 7, 97242-97252.	2.6	22
24	Deep Radiomic Analysis to Predict Gleason Score in Prostate Cancer. <i>IEEE Access</i> , 2020, 8, 167767-167778.	2.6	22
25	Magnetic Resonance Imaging Based Radiomic Models of Prostate Cancer: A Narrative Review. <i>Cancers</i> , 2021, 13, 552.	1.7	21
26	Radiomic analysis of multi-contrast brain MRI for the prediction of survival in patients with glioblastoma multiforme. , 2016, 2016, 4035-4038.		19
27	Texture Analysis of Abnormal Cell Images for Predicting the Continuum of Colorectal Cancer. <i>Analytical Cellular Pathology</i> , 2017, 2017, 1-13.	0.7	16
28	Modeling Texture in Deep 3D CNN for Survival Analysis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2454-2462.	3.9	16
29	Deep Radiomic Analysis for Predicting Coronavirus Disease 2019 in Computerized Tomography and X-Ray Images. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 3-11.	7.2	16
30	Extraction of Haralick Features from Segmented Texture Multispectral Bio-Images for Detection of Colon Cancer Cells. , 2011, , .		13
31	Deep radiomic signature with immune cell markers predicts the survival of glioma patients. <i>Neurocomputing</i> , 2022, 469, 366-375.	3.5	13
32	Brain tumor identification using Gaussian Mixture Model features and Decision Trees classifier. , 2014, , .		11
33	High-Throughput Quantification of Phenotype Heterogeneity Using Statistical Features. <i>Advances in Bioinformatics</i> , 2015, 2015, 1-7.	5.7	11
34	Quantitative texture analysis for Glioblastoma phenotypes discrimination. , 2014, , .		10
35	Can Autism Be Diagnosed with Artificial Intelligence? A Narrative Review. <i>Diagnostics</i> , 2021, 11, 2032.	1.3	9
36	Radiomics Analysis of Subcortical Brain Regions Related to Alzheimer Disease. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
37	Statistical feature selection for enhanced detection of brain tumor. , 2014, , .		6
38	Real-time abnormal cell detection using a deformable snake model. Health and Technology, 2015, 5, 179-187.	2.1	6
39	Local discriminative characterization of MRI for Alzheimer's disease. , 2016, , .		6
40	Future artificial intelligence tools and perspectives in medicine. Current Opinion in Urology, 2021, 31, 371-377.	0.9	6
41	Low-noise transimpedance amplifier dedicated to biomedical devices: Near infrared spectroscopy system. , 2014, , .		5
42	Comparison of segmentation techniques for histopathological images. , 2015, , .		5
43	Deep Discriminative Learning for Autism Spectrum Disorder Classification. Lecture Notes in Computer Science, 2020, , 435-443.	1.0	5
44	Imaging Signature of 1p/19q Co-deletion Status Derived via Machine Learning in Lower Grade Glioma. Lecture Notes in Computer Science, 2020, , 61-69.	1.0	4
45	Brain function evaluation using enhanced fNIRS signals extraction. , 2014, , .		3
46	Does Interfraction Cone Beam Computed Tomography Improve Target Localization in Prostate Bed Radiotherapy?. Technology in Cancer Research and Treatment, 2019, 18, 153303381983196.	0.8	3
47	Combined Long-Term Androgen Deprivation and Pelvic Radiotherapy in the Post-operative Management of Pathologically Defined High-Risk Prostate Cancer Patients: Results of the Prospective Phase II McGill 0913 Study. Frontiers in Oncology, 2020, 10, 312.	1.3	3
48	Multispectral texture analysis of histopathological abnormalities in colorectal tissues. , 2016, , .		2
49	Modeling of Textures to Predict Immune Cell Status and Survival of Brain Tumour Patients. , 2021, , .		2
50	Survival analysis of pre-operative GBM patients by using quantitative image features. , 2014, , .		1
51	GBM heterogeneity characterization by radiomic analysis of phenotype anatomical planes. Proceedings of SPIE, 2016, , .	0.8	1
52	AutoEncoder for Neuroimage. Lecture Notes in Computer Science, 2021, , 84-90.	1.0	1
53	Deep Radiomic Features from MRI Scans Predict Survival Outcome of Recurrent Glioblastoma. Lecture Notes in Computer Science, 2020, , 36-43.	1.0	1
54	Segmentation of abnormal cells by using level set model. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
55	Spatially constrained sparse regression for the data-driven discovery of Neuroimaging biomarkers. , 2016, , .		0
56	Phenotypic characterization of glioblastoma identified through shape descriptors. Proceedings of SPIE, 2016, , .	0.8	0
57	Multimodal Ensemble-Based Segmentation of White Matter Lesions and Analysis of Their Differential Characteristics across Major Brain Regions. Applied Sciences (Switzerland), 2020, 10, 1903.	1.3	0
58	Image Magnification Based on Bicubic Approximation with Edge as Constraint. Applied Sciences (Switzerland), 2020, 10, 1865.	1.3	0