

Mohammed Goryawala

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

477
citations

759233

12
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-institutional pilot clinical trial of spectroscopic MRI-guided radiation dose escalation for newly diagnosed glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, vdac006.	0.7	14
2	T1-weighted and T2-weighted Subtraction MR Images for Glioma Visualization and Grading. <i>Journal of Neuroimaging</i> , 2021, 31, 124-131.	2.0	2
3	Quantitative Methods in Brain Tumor Imaging. , 2021, , 1-32.		0
4	The Association between Whole-Brain MR Spectroscopy and IDH Mutation Status in Gliomas. <i>Journal of Neuroimaging</i> , 2020, 30, 58-64.	2.0	13
5	Effects of apodization smoothing and denoising on spectral fitting. <i>Magnetic Resonance Imaging</i> , 2020, 70, 108-114.	1.8	5
6	A practical guideline for intracranial volume estimation in patients with Alzheimer's disease. <i>BMC Bioinformatics</i> , 2015, 16, S8.	2.6	30
7	Apolipoprotein-E4 (ApoE4) carriers show altered small-world properties in the default mode network of the brain. <i>Biomedical Physics and Engineering Express</i> , 2015, 1, 015001.	1.2	13
8	Inclusion of Neuropsychological Scores in Atrophy Models Improves Diagnostic Classification of Alzheimer's Disease and Mild Cognitive Impairment. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-14.	1.7	38
9	Insights into cognitive aging and Alzheimer's disease using amyloid PET and structural MRI scans. <i>Clinical and Translational Imaging</i> , 2015, 3, 65-74.	2.1	7
10	Estimating Intracranial Volume in Brain Research: An Evaluation of Methods. <i>Neuroinformatics</i> , 2015, 13, 427-441.	2.8	35
11	Scalp EEG brain functional connectivity networks in pediatric epilepsy. <i>Computers in Biology and Medicine</i> , 2015, 56, 158-166.	7.0	53
12	Quasi-Stationarity of EEG for Intraoperative Monitoring during Spinal Surgeries. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	1
13	Significance of Normalization on Anatomical MRI Measures in Predicting Alzheimer's Disease. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	20
14	Altered small-world anatomical networks in Apolipoprotein-E4 (ApoE4) carriers using MRI. , 2014, 2014, 2468-71.		5
15	A Low-Interaction Automatic 3D Liver Segmentation Method Using Computed Tomography for Selective Internal Radiation Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	23
16	An Optimal Decisional Space for the Classification of Alzheimer's Disease and Mild Cognitive Impairment. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2245-2253.	4.2	57
17	A somatosensory evoked potential monitoring algorithm using time frequency filtering. , 2013, , .		1
18	Thermal Imaging as a Biometrics Approach to Facial Signature Authentication. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 214-222.	6.3	45

#	ARTICLE	IF	CITATIONS
19	Novel time-frequency-eigen filter for intraoperative neurophysiologic monitoring in spinal surgeries. , 2013, , .		0
20	An effective intra-operative neurophysiological monitoring scheme for aneurysm clipping and spinal fusion surgeries. Journal of Neural Engineering, 2012, 9, 026021.	3.5	6
21	A NEW PARAMETRIC FEATURE DESCRIPTOR FOR THE CLASSIFICATION OF EPILEPTIC AND CONTROL EEG RECORDS IN PEDIATRIC POPULATION. International Journal of Neural Systems, 2012, 22, 1250001.	5.2	41
22	Peak Detection of Somatosensory Evoked Potentials Using an Integrated Principal Component Analysisâ€“Walsh Method. Journal of Clinical Neurophysiology, 2012, 29, 165-173.	1.7	7
23	An algorithm for PET tumor volume and activity quantification: Without specifying camera's point spread function (PSF). Medical Physics, 2012, 39, 4187-4202.	3.0	9
24	A 3-D Liver Segmentation Method with Parallel Computing for Selective Internal Radiation Therapy. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 62-69.	3.2	28
25	An effective novel patient specific Gaussian template based scheme for somatosensory evoked potential detection. , 2011, , .		2
26	Accurate 3D source localization of focal epileptic foci using interictal EEG spikes. , 2011, , .		4
27	Computer-assisted quantification of lung tumors in respiratory gated PET/CT images: phantom study. Medical and Biological Engineering and Computing, 2010, 48, 49-58.	2.8	15
28	A Comparative Study on the Performance of the Parallel and Distributing Computing Operation in MatLab. , 2010, , .		3