

# Muhammad Aksam Iftikhar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4944723/publications.pdf>

Version: 2024-02-01

26  
papers

960  
citations

759233

12  
h-index

940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic brain tumor segmentation from magnetic resonance images using superpixel-based approach. <i>Multimedia Tools and Applications</i> , 2022, 81, 38409-38427.	3.9	7
2	Role of Hybrid Deep Neural Networks (HDNNs), Computed Tomography, and Chest X-rays for the Detection of COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3056.	2.6	68
3	Glioma Grading via Analysis of Digital Pathology Images Using Machine Learning. <i>Cancers</i> , 2020, 12, 578.	3.7	40
4	Multimodal Ensemble-Based Segmentation of White Matter Lesions and Analysis of Their Differential Characteristics across Major Brain Regions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1903.	2.5	0
5	Segmentation and Grade Prediction of Colon Cancer Digital Pathology Images Across Multiple Institutions. <i>Cancers</i> , 2019, 11, 1700.	3.7	24
6	Stochastic game-based dynamic information delivery system for wireless cooperative networks. <i>Future Generation Computer Systems</i> , 2019, 95, 277-291.	7.5	3
7	Applying Bayesian Network Approach to Determine the Association Between Morphological Features Extracted from Prostate Cancer Images. <i>IEEE Access</i> , 2019, 7, 1586-1601.	4.2	17
8	A review of retinal blood vessels extraction techniques: challenges, taxonomy, and future trends. <i>Pattern Analysis and Applications</i> , 2019, 22, 767-802.	4.6	59
9	A multi-modal, multi-atlas-based approach for Alzheimer detection via machine learning. <i>International Journal of Imaging Systems and Technology</i> , 2018, 28, 113-123.	4.1	45
10	Object Size Measurement through Images: An Application to Measuring Human Foot Size. , 2018, , .		11
11	A review on neuroimaging-based classification studies and associated feature extraction methods for Alzheimer's disease and its prodromal stages. <i>NeuroImage</i> , 2017, 155, 530-548.	4.2	463
12	CBISC: A Novel Approach for Colon Biopsy Image Segmentation and Classification. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 5061-5076.	1.1	9
13	Ensemble Sparse Classification of Colon Cancer. , 2016, , .		3
14	A colon cancer grade prediction model using texture and statistical features, SMOTE and mRMR. , 2016, , .		4
15	Novel structural descriptors for automated colon cancer detection and grading. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 121, 92-108.	4.7	28
16	Correlation, Kalman filter and adaptive fast mean shift based heuristic approach for robust visual tracking. <i>Signal, Image and Video Processing</i> , 2015, 9, 1567-1585.	2.7	19
17	A novel approach for automatic gene selection and classification of gene based colon cancer datasets. , 2014, , .		11
18	Ensemble classification of colon biopsy images based on information rich hybrid features. <i>Computers in Biology and Medicine</i> , 2014, 47, 76-92.	7.0	73

#	ARTICLE	IF	CITATIONS
19	An extended non-local means algorithm: Application to brain MRI. International Journal of Imaging Systems and Technology, 2014, 24, 293-305.	4.1	6
20	Robust brain MRI denoising and segmentation using enhanced non-local means algorithm. International Journal of Imaging Systems and Technology, 2014, 24, 52-66.	4.1	21
21	Classification of colon biopsy images based on novel structural features. , 2013, , .		12
22	A novel approach for ensemble clustering of colon biopsy images. , 2013, , .		7
23	A novel extension to non-local means algorithm: Application to brain MRI de-noising. , 2013, , .		3
24	Brain MRI denoising and segmentation based on improved adaptive nonlocal means. International Journal of Imaging Systems and Technology, 2013, 23, 235-248.	4.1	14
25	Information search for children using Faceted navigation. , 2013, , .		0
26	Texture Analysis for Liver Segmentation and Classification: A Survey. , 2011, , .		13