

# Amir Faisal

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

200  
citations

1477746

6  
h-index

1281420

11  
g-index

23  
all docs

23  
docs citations

23  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knee cartilage segmentation and thickness computation from ultrasound images. Medical and Biological Engineering and Computing, 2018, 56, 657-669.	1.6	38
2	An Overview of Deep Learning Techniques on Chest X-Ray and CT Scan Identification of COVID-19. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-17.	0.7	31
3	2D to 3D fusion of echocardiography and cardiac CT for TAVR and TAVI image guidance. Medical and Biological Engineering and Computing, 2017, 55, 1317-1326.	1.6	30
4	Multiple LREK Active Contours for Knee Meniscus Ultrasound Image Segmentation. IEEE Transactions on Medical Imaging, 2015, 34, 2162-2171.	5.4	23
5	Multimodality registration of two-dimensional echocardiography and cardiac CT for mitral valve diagnosis and surgical planning. Journal of Medical Imaging, 2017, 4, 1.	0.8	20
6	Multilayer flexible metamaterials based on circular shape with negative refractive index at microwave spectrum. Sensors and Actuators A: Physical, 2021, 332, 113208.	2.0	9
7	Quantitative low-cost webcam-based microscopy. Optical Engineering, 2010, 49, 113205.	0.5	7
8	Effect of Image Downsizing and Color Reduction on Skin Cancer Pre-screening. , 2020, , .		7
9	Classification System for Leukemia Cell Images based on Hu Moment Invariants and Support Vector Machines. , 2021, , .		6
10	X-ray carpal bone segmentation and area measurement. Multimedia Tools and Applications, 0, , 1.	2.6	5
11	CT-MRI Dual Information Registration for the Diagnosis of Liver Cancer: A Pilot Study Using Point-based Registration. Current Medical Imaging, 2022, 18, 61-66.	0.4	4
12	Active contour using local region-scalable force with expandable kernel. , 2012, , .		3
13	Mitral valve rigid registration using 2D echocardiography and cardiac computed tomography. , 2017, , .		3
14	Knee Cartilage Ultrasound Image Segmentation Using Locally Statistical Level Set Method. IFMBE Proceedings, 2018, , 275-281.	0.2	3
15	A Study on JPEG Compression in Color Retinal Image using BT.601 and BT.709 Standards: Image Quality Assessment vs. File Size. , 2020, , .		3
16	Active contour driven by scalable local regional information on expandable kernel. Journal of Science and Applicative Technology, 2020, 4, 1.	0.0	2
17	Detection of Malaria Parasites using Thresholding in RGB, YCbCr and Lab Color Spaces. , 2021, , .		2
18	Comparison of Texture and Shape Features Performance for Leukemia Cell Images using Support Vector Machine. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Multiple active contours using scalable local regional information on expandable kernel. , 2014, , .		1
20	Design of a single split-ring resonator-based microwave metamaterial for detection of the composition of vegetable oil and gasoline mixtures. Journal of Materials Science: Materials in Electronics, 2022, 33, 8151-8158.	1.1	1
21	Directional local region-scalable active contour using expandable kernel. , 2012, , .		0
22	Speckle noise reduction of ultrasound knee biomarker with edge and detail preservation using improved diffusivity function. , 2014, , .		0
23	Deteksi Malaria Berbasis Segmentasi Warna Citra dan Pembelajaran Mesin. Jurnal Teknologi Informasi Dan Ilmu Komputer, 2021, 8, 769-776.	0.1	0