

Fatimah Khalid

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

269
citations

1040056

9
h-index

1058476

14
g-index

46
all docs

46
docs citations

46
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Defects Classification of Hot-Rolled Steel Strips Using Multi-directional Shearlet Features. Arabian Journal for Science and Engineering, 2019, 44, 2925-2932.	3.0	47
2	Low Cost Skin Segmentation Scheme in Videos Using Two Alternative Methods for Dynamic Hand Gesture Detection Method. Advances in Multimedia, 2017, 2017, 1-9.	0.4	19
3	Echocardiography Image Segmentation: A Survey. , 2013, , .		18
4	A texture descriptor: BackGround Local Binary Pattern (BGLBP). Multimedia Tools and Applications, 2016, 75, 6549-6568.	3.9	18
5	Region-Based Facial Expression Recognition in Still Images. Journal of Information Processing Systems, 2013, 9, 173-188.	0.9	17
6	Fast marching method and modified features fusion in enhanced dynamic hand gesture segmentation and detection method under complicated background. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 755-769.	4.9	16
7	Hybrid Pixel-Based Method for Cardiac Ultrasound Fusion Based on Integration of PCA and DWT. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-16.	1.3	11
8	Video abstraction using density-based clustering algorithm. Visual Computer, 2018, 34, 1299-1314.	3.5	11
9	Machining process classification using PCA reduced histogram features and the Support Vector Machine. , 2015, , .		10
10	THREE DIMENSIONAL RECONSTRUCTION OF HUMAN HEART SURFACE FROM SINGLE IMAGE- VIEW UNDER DIFFERENT ILLUMINATION CONDITIONS. American Journal of Applied Sciences, 2013, 10, 669-680.	0.2	9
11	A FAST AND ACCURATE METHOD FOR AUTOMATIC CORONARY ARTERIAL TREE EXTRACTION IN ANGIOGRAMS. Journal of Computer Science, 2014, 10, 2060-2076.	0.6	9
12	Segmentation Methods of Echocardiography Images for Left Ventricle Boundary Detection. Journal of Computer Science, 2015, 11, 957-970.	0.6	8
13	A new human heart vessel identification, segmentation and 3D reconstruction mechanism. Journal of Cardiothoracic Surgery, 2014, 9, 161.	1.1	7
14	A Framework for Automatic Video Surveillance Indexing and Retrieval. Research Journal of Applied Sciences, Engineering and Technology, 2015, 10, 1316-1321.	0.1	7
15	A study on surveillance video abstraction techniques. , 2015, , .		6
16	3D multimodal cardiac data reconstruction using angiography and computerized tomographic angiography registration. Journal of Cardiothoracic Surgery, 2015, 10, 58.	1.1	6
17	Using Multi-Scale Filtering to Initialize a Background Extraction Model. Journal of Computer Science, 2012, 8, 1077-1084.	0.6	4
18	A Review of Ultrasound and Computed Tomography Registration Approaches. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Cardiac Components Categorization and Coronary Artery Enhancement in CT Angiography. , 2014, , .		4
20	An Image-Based Children Age Range Verification and Classification Based on Facial Features Angle Distribution and Face Shape Elliptical Ratio. Advanced Science Letters, 2017, 23, 4026-4030.	0.2	4
21	Face recognition using local geometrical features - PCA with euclidean classifier. , 2008, , .		3
22	Object detection and representation method for surveillance video indexing. , 2015, , .		3
23	Noncircular Iris Segmentation Based on Weighted Adaptive Hough Transform Using Smartphone Database. Journal of Computational and Theoretical Nanoscience, 2018, 15, 739-743.	0.4	3
24	A Robust Geometric Skin Colour Face Detection Method under Unconstrained Environment of Smartphone Database. Applied Mechanics and Materials, 2019, 892, 31-37.	0.2	3
25	Age Range Estimation Based on Facial Wrinkle Analysis Using Hessian Based Filter. Lecture Notes in Electrical Engineering, 2016, , 759-769.	0.4	2
26	Face Recognition for Varying Illumination and Different Optical Zoom Using a Combination of Binary and Geometric Features. IEEE Access, 2020, 8, 129774-129784.	4.2	2
27	Algorithm of local features fusion and modified covariance-matrix technique for hand motion position estimation and hand gesture trajectory tracking approach. Multimedia Tools and Applications, 2021, 80, 5287-5318.	3.9	2
28	Hybrid Discrete Wavelet Transform and Histogram of Oriented Gradients for Feature Extraction and Classification of Breast Dynamic Thermogram Sequences. , 2021, , .		2
29	Texture-based Classification of Workpiece Surface Images using the Support Vector Machine. International Journal of Software Engineering and Its Applications, 2015, 9, 147-160.	0.2	2
30	Skeleton Joints Moment (SJM): A Hand Gesture Dimensionality Reduction for Central Nervous System Interaction. IEEE Access, 2021, 9, 146640-146652.	4.2	2
31	A Review on Steel Surface Image Features Extraction and Representation Methods. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 239-250.	0.3	2
32	A Block-Based Multi-Scale Background Extraction Algorithm. Journal of Computer Science, 2010, 6, 1450-1456.	0.6	1
33	A state of art on 3D face modeling approaches. , 2011, , .		1
34	Single Image Reconstruction of Human Heart Surface with Specular Reflection Remover. , 2012, , .		1
35	An Effective History-based Background Extraction System. Journal of Computer Science, 2012, 8, 1062-1069.	0.6	1
36	Rational Equation for Simplifying Complex Surfaces. Arabian Journal for Science and Engineering, 2014, 39, 4617-4636.	1.1	1

#	ARTICLE	IF	CITATIONS
37	Speeded up surveillance video indexing and retrieval using abstraction. , 2017, , .		1
38	Region-based surveillance video retrieval with effective object representation. Imaging Science Journal, 2018, 66, 184-194.	0.5	1
39	Crowd Behavior Classification based on Generic Descriptors. , 2019, , .		1
40	Expression invariant face recognition using multi-stage 3D face fitting with 3D morphable face model. , 2010, , .		0
41	A new clustering approach for group detection in scene-independent dense crowds. , 2016, , .		0
42	An automated 3D modelling application based on vertices from 2D paper sketches. , 2017, , .		0
43	Surveillance Video Retrieval Using Effective Matching Techniques. , 2018, , .		0
44	An Efficient Non-Occluded Face Area Detection Method under Unconstrained Environment of Smartphone Database. , 2019, , .		0
45	Uncertainty Estimation for Improving Accuracy of Non-rigid Registration in Cardiac Images. IFIP Advances in Information and Communication Technology, 2015, , 19-28.	0.7	0
46	SMARTFLORA Mobile Flower Recognition Application Using Machine Learning Tools. , 2022, , .		0