Zulfiqar Habib

List of Publications by Year
in descending order

59	1,119	516710	454955
		16	30
papers	citations	h-index	g-index

59	59	59	821
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fast Learning Through Deep Multi-Net CNN Model For Violence Recognition In Video Surveillance. Computer Journal, 2022, 65, 457-472.	2.4	14
2	Digital Video Tampering Detection and Localization: Review, Representations, Challenges and Algorithm. Mathematics, 2022, 10, 168.	2.2	14
3	Melanoma Classification from Dermoscopy Images Using Ensemble of Convolutional Neural Networks. Mathematics, 2022, 10, 26.	2.2	18
4	Deep Red Lesion Classification for Early Screening of Diabetic Retinopathy. Mathematics, 2022, 10, 686.	2.2	2
5	Voxel-Based 3D Object Reconstruction from Single 2D Image Using Variational Autoencoders. Mathematics, 2021, 9, 2288.	2.2	14
6	DSTnet: Deformable Spatio-Temporal Convolutional Residual Network for Video Super-Resolution. Mathematics, 2021, 9, 2873.	2.2	0
7	Human action recognition using deep rule-based classifier. Multimedia Tools and Applications, 2020, 79, 30653-30667.	3.9	9
8	Fast character modeling with sketch-based PDE surfaces. Multimedia Tools and Applications, 2020, 79, 23161-23187.	3.9	5
9	Classification of Authentic and Tampered Video Using Motion Residual and Parasitic Layers. IEEE Access, 2020, 8, 56782-56797.	4.2	18
10	Review of Various Tasks Performed in the Preprocessing Phase of a Diabetic Retinopathy Diagnosis System. Current Medical Imaging, 2020, 16, 397-426.	0.8	2
11	A Path-Planning Performance Comparison of RRT*-AB with MEA* in a 2-Dimensional Environment. Symmetry, 2019, 11, 945.	2.2	30
12	Edge–texture feature-based image forgery detection with cross-dataset evaluation. Machine Vision and Applications, 2019, 30, 1243-1262.	2.7	17
13	Automated and reliable brain radiology with texture analysis of magnetic resonance imaging and cross datasets validation. International Journal of Imaging Systems and Technology, 2019, 29, 531-538.	4.1	5
14	Computer aided diagnosis of brain abnormalities using texture analysis of MRI images. International Journal of Imaging Systems and Technology, 2019, 29, 260-271.	4.1	11
15	An automatic cluster-based approach for depth estimation of single 2D images. , 2019, , .		1
16	Modelling and Simulation of Lily flowers using PDE Surfaces. , 2019, , .		1
17	Real-Time Rehabilitation and Fitness System using Depth Sensor. , 2019, , .		0
18	A Review of Path Smoothness Approaches for Non-holonomic Mobile Robots. Advances in Intelligent Systems and Computing, 2019, , 346-358.	0.6	0

#	Article	IF	Citations
19	An Energy Efficient Coverage Path Planning Approach for Mobile Robots. Advances in Intelligent Systems and Computing, 2019, , 387-397.	0.6	2
20	Robust Video Content Authentication using Video Binary Pattern and Extreme Learning Machine. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	3
21	Classification of normal and abnormal brain MRI slices using Gabor texture and support vector machines. Signal, Image and Video Processing, 2018, 12, 479-487.	2.7	23
22	Optimal path planning in cluttered environment using RRT*-AB. Intelligent Service Robotics, 2018, 11, 41-52.	2.6	64
23	Violence Detection in Surveillance Videos with Deep Network Using Transfer Learning. , 2018, , .		33
24	Spiral transitions. Applied Mathematics, 2018, 33, 468-490.	1.0	4
25	Automatic Depth Estimation from Single 2D Image via Transfer Learning Approach. , 2018, , .		0
26	Colored Representation of Brain Gray Scale MRI Images to Potentially Underscore the Variability and Sensitivity of Images. Current Medical Imaging, 2018, 14, 555-560.	0.8	3
27	Copy-move and splicing image forgery detection and localization techniques: a review. Australian Journal of Forensic Sciences, 2017, 49, 281-307.	1.2	82
28	Online complete coverage path planning using two-way proximity search. Intelligent Service Robotics, 2017, 10, 229-240.	2.6	33
29	Human action recognition using transfer learning with deep representations. , 2017, , .		91
30	Vision Based Human Activity Recognition: A Review. Advances in Intelligent Systems and Computing, 2017, , 341-371.	0.6	59
31	A Comprehensive Review on Handcrafted and Learning-Based Action Representation Approaches for Human Activity Recognition. Applied Sciences (Switzerland), 2017, 7, 110.	2.5	111
32	Automatic Enhancement Of Digital Images Using Cubic BÃ©zier Curve And Fourier Transformation. Malaysian Journal of Computer Science, 2017, 30, 300-310.	0.8	7
33	Human Action Recognition from Multiple Views Based on View-Invariant Feature Descriptor Using Support Vector Machines. Applied Sciences (Switzerland), 2016, 6, 309.	2.5	24
34	Optimal Path Planning for Mobile Robots Using Memory Efficient A*. , 2016, , .		8
35	Coverage Path Planning of Mobile Robots Using Rational Quadratic BÃ©zier Spline. , 2016, , .		1
36	Optimal Path Planning using RRT* based Approaches: A Survey and Future Directions. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	123

#	Article	IF	Citations
37	Variable curvature continuous areas for fair curves using <mml:math altImg="si5.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	3.9	2
38	Texture Feature Analysis of Digital Fundus Images for Early Detection of Diabetic Retinopathy. , 2014, , .		17
39	Fairing an arc spline and designing with G 2 PH quintic spiral transitions. International Journal of Computer Mathematics, 2013, 90, 1023-1039.	1.8	4
40	FAIRING ARC SPLINE AND DESIGNING BY USING CUBIC BÃ‰ZIER SPIRAL SEGMENTS. Mathematical Modelling and Analysis, 2012, 17, 141-160.	1.5	9
41	Cubic Spiral Transition Matching G2 Hermite End Conditions. Numerical Mathematics, 2011, 4, 525-536.	1.3	5
42	Admissible regions for rational cubic spirals matching Hermite data. CAD Computer Aided Design, 2010, 42, 1117-1124.	2.7	13
43	Interpolation with PH Quintic Spirals. , 2010, , .		0
44	Fair cubic transition between two circles with one circle inside or tangent to the other. Numerical Algorithms, 2009, 51, 461-476.	1.9	12
45	G2 cubic transition between two circles with shape control. Journal of Computational and Applied Mathematics, 2009, 223, 133-144.	2.0	31
46	Smoothing Arc Splines by Cubic Curves. , 2009, , .		2
47	Transition between concentric or tangent circles with a single segment of PH quintic curve. Computer Aided Geometric Design, 2008, 25, 247-257.	1.2	23
48	Interpolation with rational cubic spirals. , 2008, , .		0
49	Fair Path Planning with a Single Cubic Spiral Segment. , 2008, , .		0
50	On PH quintic spirals joining two circles with one circle inside the other. CAD Computer Aided Design, 2007, 39, 125-132.	2.7	33
51	Pythagorean hodograph quintic transition between two circles with shape control. Computer Aided Geometric Design, 2007, 24, 252-266.	1.2	52
52	Rational cubic spline interpolation with shape control. Computers and Graphics, 2005, 29, 594-605.	2.5	35
53	Interactive Shape Control with Rational Cubic Splines. Computer-Aided Design and Applications, 2004, 1, 709-717.	0.6	16
54	G 2 Planar Cubic Transition Between Two Circles. International Journal of Computer Mathematics, 2003, 80, 957-965.	1.8	18

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55	G/sup 2/ planar spiral cubic interpolation to a spiral. , 0, , .		2
56	Local convexity preserving rational cubic spline curves. , 0, , .		7
57	Piecewise interpolation for designing of parametric curves. , 0, , .		4
58	Family of G/sup 2/ cubic transition curves. , 0, , .		2
59	Reachable regions for spiral segments and applications in geometric modelling. , 0, , .		0