Zulfiqar Habib

List of Publications by Year
in descending order

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

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

#	Article	IF	Citations
1	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
2	A Comprehensive Review on Handcrafted and Learning-Based Action Representation Approaches for Human Activity Recognition. Applied Sciences (Switzerland), 2017, 7, 110.	2.5	111
3	Human action recognition using transfer learning with deep representations. , 2017, , .		91
4	Copy-move and splicing image forgery detection and localization techniques: a review. Australian Journal of Forensic Sciences, 2017, 49, 281-307.	1.2	82
5	Optimal path planning in cluttered environment using RRT*-AB. Intelligent Service Robotics, 2018, 11, 41-52.	2.6	64
6	Vision Based Human Activity Recognition: A Review. Advances in Intelligent Systems and Computing, 2017, , 341-371.	0.6	59
7	Pythagorean hodograph quintic transition between two circles with shape control. Computer Aided Geometric Design, 2007, 24, 252-266.	1.2	52
8	Rational cubic spline interpolation with shape control. Computers and Graphics, 2005, 29, 594-605.	2.5	35
9	On PH quintic spirals joining two circles with one circle inside the other. CAD Computer Aided Design, 2007, 39, 125-132.	2.7	33
10	Online complete coverage path planning using two-way proximity search. Intelligent Service Robotics, 2017, 10, 229-240.	2.6	33
11	Violence Detection in Surveillance Videos with Deep Network Using Transfer Learning. , 2018, , .		33
12	G2 cubic transition between two circles with shape control. Journal of Computational and Applied Mathematics, 2009, 223, 133-144.	2.0	31
13	A Path-Planning Performance Comparison of RRT*-AB with MEA* in a 2-Dimensional Environment. Symmetry, 2019, 11, 945.	2.2	30
14	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
15	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
16	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
17	G 2 Planar Cubic Transition Between Two Circles. International Journal of Computer Mathematics, 2003, 80, 957-965.	1.8	18
18	Classification of Authentic and Tampered Video Using Motion Residual and Parasitic Layers. IEEE Access, 2020, 8, 56782-56797.	4.2	18

#	Article	IF	Citations
19	Melanoma Classification from Dermoscopy Images Using Ensemble of Convolutional Neural Networks. Mathematics, 2022, 10, 26.	2.2	18
20	Texture Feature Analysis of Digital Fundus Images for Early Detection of Diabetic Retinopathy. , 2014, , .		17
21	Edge–texture feature-based image forgery detection with cross-dataset evaluation. Machine Vision and Applications, 2019, 30, 1243-1262.	2.7	17
22	Interactive Shape Control with Rational Cubic Splines. Computer-Aided Design and Applications, 2004, 1, 709-717.	0.6	16
23	Fast Learning Through Deep Multi-Net CNN Model For Violence Recognition In Video Surveillance. Computer Journal, 2022, 65, 457-472.	2.4	14
24	Voxel-Based 3D Object Reconstruction from Single 2D Image Using Variational Autoencoders. Mathematics, 2021, 9, 2288.	2.2	14
25	Digital Video Tampering Detection and Localization: Review, Representations, Challenges and Algorithm. Mathematics, 2022, 10, 168.	2.2	14
26	Admissible regions for rational cubic spirals matching Hermite data. CAD Computer Aided Design, 2010, 42, 1117-1124.	2.7	13
27	Fair cubic transition between two circles with one circle inside or tangent to the other. Numerical Algorithms, 2009, 51, 461-476.	1.9	12
28	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
29	FAIRING ARC SPLINE AND DESIGNING BY USING CUBIC BÉZIER SPIRAL SEGMENTS. Mathematical Modelling and Analysis, 2012, 17, 141-160.	1.5	9
30	Human action recognition using deep rule-based classifier. Multimedia Tools and Applications, 2020, 79, 30653-30667.	3.9	9
31	Optimal Path Planning for Mobile Robots Using Memory Efficient A*. , 2016, , .		8
32	Local convexity preserving rational cubic spline curves. , 0, , .		7
33	Automatic Enhancement Of Digital Images Using Cubic Bézier Curve And Fourier Transformation. Malaysian Journal of Computer Science, 2017, 30, 300-310.	0.8	7
34	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
35	Fast character modeling with sketch-based PDE surfaces. Multimedia Tools and Applications, 2020, 79, 23161-23187.	3.9	5
36	Cubic Spiral Transition Matching G2 Hermite End Conditions. Numerical Mathematics, 2011, 4, 525-536.	1.3	5

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37	Piecewise interpolation for designing of parametric curves. , 0, , .		4
38	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
39	Spiral transitions. Applied Mathematics, 2018, 33, 468-490.	1.0	4
40	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
41	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
42	G/sup 2/ planar spiral cubic interpolation to a spiral. , 0, , .		2
43	Family of G/sup 2/ cubic transition curves. , 0, , .		2
44	Smoothing Arc Splines by Cubic Curves. , 2009, , .		2
45	Admissible 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/common	3.9	2
46	An Energy Efficient Coverage Path Planning Approach for Mobile Robots. Advances in Intelligent Systems and Computing, 2019, , 387-397.	0.6	2
47	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
48	Deep Red Lesion Classification for Early Screening of Diabetic Retinopathy. Mathematics, 2022, 10, 686.	2.2	2
49	Coverage Path Planning of Mobile Robots Using Rational Quadratic BÃ©zier Spline. , 2016, , .		1
50	An automatic cluster-based approach for depth estimation of single 2D images. , 2019, , .		1
51	Modelling and Simulation of Lily flowers using PDE Surfaces. , 2019, , .		1
52	Reachable regions for spiral segments and applications in geometric modelling. , 0, , .		0
53	Interpolation with rational cubic spirals. , 2008, , .		0
54	Fair Path Planning with a Single Cubic Spiral Segment. , 2008, , .		0

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55	Interpolation with PH Quintic Spirals. , 2010, , .		0
56	Automatic Depth Estimation from Single 2D Image via Transfer Learning Approach. , 2018, , .		0
57	Real-Time Rehabilitation and Fitness System using Depth Sensor. , 2019, , .		0
58	A Review of Path Smoothness Approaches for Non-holonomic Mobile Robots. Advances in Intelligent Systems and Computing, 2019, , 346-358.	0.6	0
59	DSTnet: Deformable Spatio-Temporal Convolutional Residual Network for Video Super-Resolution. Mathematics, 2021, 9, 2873.	2.2	0