

Abdullah Zawawi Talib

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

277
citations

1307594

7
h-index

1125743

13
g-index

53
all docs

53
docs citations

53
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	A cellular automata model for circular movements of pedestrians during Tawaf. Simulation Modelling Practice and Theory, 2011, 19, 969-985.	3.8	40
2	Modeling Groups of Pedestrians in Least Effort Crowd Movements Using Cellular Automata. , 2009, , .		32
3	Simulating Crowd Movements Using Fine Grid Cellular Automata. , 2010, , .		26
4	Applying TRIZ principles in crowd management. Safety Science, 2011, 49, 286-291.	4.9	25
5	Contour Extraction of Individual Cattle From an Image Using Enhanced Mask R-CNN Instance Segmentation Method. IEEE Access, 2021, 9, 56984-57000.	4.2	21
6	Opportunities and challenges in enhancing access to metadata of cultural heritage collections: a survey. Artificial Intelligence Review, 2020, 53, 3621-3646.	15.7	16
7	An Exploratory Study on the Trend of Smartphone Usage in a Developing Country. Communications in Computer and Information Science, 2011, , 387-396.	0.5	14
8	Printed Text Image Database for Sindhi OCR. ACM Transactions on Asian and Low-Resource Language Information Processing, 2016, 15, 1-18.	2.0	8
9	Salt and Pepper Noise Removal from Document Images. Lecture Notes in Computer Science, 2009, , 607-618.	1.3	7
10	Combining Boundary and Skeleton Information for Convex and Concave Points Detection. , 2010, , .		6
11	Crowd Parameter Extraction from Video at the Main Gates of Masjid al-Haram. Advances in Intelligent and Soft Computing, 2012, , 727-736.	0.2	6
12	A framework for virtual storytelling using the traditional shadow play. , 2006, , .		5
13	Modelling of Fish Swimming Patterns Using an Enhanced Object Tracking Algorithm. Advances in Intelligent and Soft Computing, 2012, , 585-592.	0.2	5
14	Tracking Multiple Fish in a Single Tank Using an Improved Particle Filter. Lecture Notes in Electrical Engineering, 2014, , 799-804.	0.4	5
15	A Practical and Automated Image-based Framework for Tracking Pedestrian Movements from a Video. IERI Procedia, 2013, 4, 181-187.	0.3	4
16	A New Framework for Phylogenetic Tree Visualization. Lecture Notes in Computer Science, 2011, , 348-359.	1.3	4
17	Design and Development of an Interactive Virtual Shadow Puppet Play. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 118-126.	0.3	4
18	A Study on the Effects of Noise Level, Cleaning Method, and Vectorization Software on the Quality of Vector Data. Lecture Notes in Computer Science, 2008, , 299-309.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Recognition of fish based on generalized color Fourier descriptor. , 2015, , .		3
20	Improving L-System Music Rendering Using a Hybrid of Stochastic and Context-Sensitive Grammars in a Visual Language Framework. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 46-53.	0.3	3
21	Final Report of GRECâ€™13 Arc and Line Segmentation Contest. Lecture Notes in Computer Science, 2014, , 234-239.	1.3	3
22	Acoustical heritage for virtual tourism on mobile platform. , 2011, , .		2
23	Virtual shadow puppet play with intelligent instructional tool and interactive real-time animation. International Journal of Arts and Technology, 2015, 8, 231.	0.1	2
24	Document Expansion Method for Digital Resource Objects. , 2019, , .		2
25	Towards adaptive structured Dirichlet smoothing model for digital resource objects. Multimedia Tools and Applications, 2021, 80, 12175-12194.	3.9	2
26	An Intelligent Instructional Tool for Puppeteering in Virtual Shadow Puppet Play. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 113-122.	0.3	2
27	Cow Image Segmentation Using Mask R-CNN Integrated with Grabcut. Lecture Notes in Networks and Systems, 2022, , 23-32.	0.7	2
28	Efficient implementation of a planar point location method. , 2004, , .		1
29	Puppet modeling for real-time and interactive virtual shadow puppet play. , 2012, , .		1
30	Tracking Multiple Fishes Using Colour Changes Identification and Enhanced Object Tracking Algorithm. Applied Mechanics and Materials, 0, 284-287, 1528-1532.	0.2	1
31	L-System Controlled Music Expression through Visual Language Framework. Applied Mechanics and Materials, 0, 284-287, 3549-3553.	0.2	1
32	An Automated Image-Based Approach for Tracking Pedestrian Movements from Top-View Video. Lecture Notes in Computer Science, 2017, , 279-289.	1.3	1
33	Empirical Performance Evaluation of Raster to Vector Conversion with Different Scanning Resolutions. Lecture Notes in Computer Science, 2011, , 176-182.	1.3	1
34	Enhancement of background subtraction approach for image segmentation. , 2010, , .		0
35	Visualizing Phylogenetic Trees: Algorithms and Visual Comparison Techniques. Applied Mechanics and Materials, 0, 241-244, 2807-2811.	0.2	0
36	Tile-Based Panoramic View in Mobile Devices. Applied Mechanics and Materials, 0, 284-287, 3487-3491.	0.2	0

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37	Modulations of Amplitude in Mobile Acoustical Heritage. Applied Mechanics and Materials, 2013, 284-287, 498-502.	0.2	0
38	A framework for objective performance evaluation for digital font reconstruction. , 2016, , .		0
39	Genogram Visualization Using Social Network Approach for Medical Family Tree. , 2019, , .		0
40	A Crowd Model for Emergency and Panic Situations: Structure, Characteristics and Behaviours. Lecture Notes in Computer Science, 2009, , 178-191.	1.3	0
41	A New Approach for Surface Reconstruction Using Slices. Lecture Notes in Computer Science, 2009, , 790-800.	1.3	0
42	Mobile Game for Virtual Heritage Exploration " MHEX. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 168-170.	0.3	0
43	Exploring Medical Family Tree Data Using Visual Data Mining. Lecture Notes in Computer Science, 2013, , 427-434.	1.3	0
44	A Study on Visual Representation of Medical Family Tree Using Genograms. , 0, , .		0
45	A Hybrid of Fixed-Size and Dynamic-Size Tile Algorithm for Panoramic View on Mobile Devices. Lecture Notes in Electrical Engineering, 2014, , 703-708.	0.4	0
46	Concept and Design of an Intelligent Strategy to Mitigate Traffic Congestion at Intersection. , 2018, , .		0