

Jim Austin

List of Publications by Year in descending order

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29
papers

2,998
citations

759233

12
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

3332
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of a 3D Wireless Massively Parallel Computer. Journal of Sensor and Actuator Networks, 2018, 7, 18.	3.9	3
2	A Digital Repository and Execution Platform for Interactive Scholarly Publications in Neuroscience. Neuroinformatics, 2016, 14, 23-40.	2.8	12
3	Hadoop neural network for parallel and distributed feature selection. Neural Networks, 2016, 78, 24-35.	5.9	41
4	On the identification of sleep stages in mouse electroencephalography time-series. Journal of Neuroscience Methods, 2015, 246, 52-64.	2.5	7
5	A Gaussian mixture model and support vector machine approach to vehicle type and colour classification. IET Intelligent Transport Systems, 2014, 8, 135-144.	3.0	26
6	Short-term prediction of traffic flow using a binary neural network. Neural Computing and Applications, 2014, 25, 1639-1655.	5.6	35
7	A Machine-Learning Approach to Keypoint Detection and Landmarking on 3D Meshes. International Journal of Computer Vision, 2013, 102, 146-179.	15.6	169
8	On advantages and limitations of 3D wireless grids as parallel platforms. , 2013, , .		1
9	Automatic Keypoint Detection on 3D Faces Using a Dictionary of Local Shapes. , 2011, , .		19
10	A NOTE ON TWO APPLICATIONS OF LOGICAL MATCHING STRATEGY. Applied Artificial Intelligence, 2011, 25, 708-720.	3.2	0
11	3D face landmark labelling. , 2010, , .		19
12	Binary neural network based 3D facial feature localization. , 2009, , .		0
13	Road vehicle classification using Support Vector Machines. , 2009, , .		55
14	Three-dimensional face recognition using combinations of surface feature map subspace components. Image and Vision Computing, 2008, 26, 382-396.	4.5	50
15	An Architecture for Distributed Search and Data-Mining in Condition Monitoring Applications. , 2007, , .		1
16	Grid Enabling Data De-Duplication. , 2006, , .		3
17	Developing artificial neural networks for safety critical systems. Neural Computing and Applications, 2006, 16, 11-19.	5.6	40
18	A binary neural k-nearest neighbour technique. Knowledge and Information Systems, 2005, 8, 276-291.	3.2	20

#	ARTICLE	IF	CITATIONS
19	Distribution forecasting of high frequency time series. Decision Support Systems, 2004, 37, 501-513.	5.9	7
20	A Survey of Outlier Detection Methodologies. Artificial Intelligence Review, 2004, 22, 85-126.	15.7	2,350
21	<title>Combining multiple face recognition systems using Fisher's linear discriminant</title>. , 2004, ,		4
22	A Survey of Outlier Detection Methodologies. Artificial Intelligence Review, 2004, 22, 85-126.	15.7	45
23	Improved AURA k-Nearest Neighbour Approach. Lecture Notes in Computer Science, 2003, , 663-670.	1.3	4
24	An evaluation of standard retrieval algorithms and a binary neural approach. Neural Networks, 2001, 14, 287-303.	5.9	12
25	Connectionist Propositional Logic A Simple Correlation Matrix Memory Based Reasoning System. Lecture Notes in Computer Science, 2001, , 534-546.	1.3	2
26	Mapping Correlation Matrix Memory Applications onto a Beowulf Cluster. Lecture Notes in Computer Science, 2001, , 156-163.	1.3	2
27	A Binary Correlation Matrix Memory k-NN Classifier. Perspectives in Neural Computing, 1998, , 251-256.	0.1	3
28	Matching performance of binary correlation matrix memories. Neural Networks, 1997, 10, 1637-1648.	5.9	26
29	Distributed associative memories for high-speed symbolic reasoning. Fuzzy Sets and Systems, 1996, 82, 223-233.	2.7	37