Tingquan Deng

List of Publications by Year
in descending order

47 papers	669 citations	933447 10 h-index	610901 24 g-index
48 all docs	48 docs citations	48 times ranked	535 citing authors

#	ARTICLE	IF	CITATIONS
1	A novel approach to fuzzy rough sets based on a fuzzy coveringâ˜†. Information Sciences, 2007, 177, 2308-2326.	6.9	178
2	Grey-Scale Morphology Based on Fuzzy Logic. Journal of Mathematical Imaging and Vision, 2002, 16, 155-171.	1.3	95
3	Low-rank local tangent space embedding for subspace clustering. Information Sciences, 2020, 508, 1-21.	6.9	91
4	Local reactive obstacle avoidance approach for high-speed unmanned surface vehicle. Ocean Engineering, 2015, 106, 128-140.	4.3	60
5	An object-parameter approach to predicting unknown data in incomplete fuzzy soft sets. Applied Mathematical Modelling, 2013, 37, 4139-4146.	4.2	50
6	Active contours driven by divergence of gradient vector flow. Signal Processing, 2016, 120, 185-199.	3.7	43
7	Partial-overall dominance three-way decision models in interval-valued decision systems. International Journal of Approximate Reasoning, 2020, 126, 308-325.	3.3	30
8	An Adaptive Weighted One-Class SVM for Robust Outlier Detection. Lecture Notes in Electrical Engineering, 2016, , 475-484.	0.4	17
9	Semi-supervised rough fuzzy Laplacian Eigenmaps for dimensionality reduction. International Journal of Machine Learning and Cybernetics, 2019, 10, 397-411.	3.6	13
10	A reduct derived from feature selection. Pattern Recognition Letters, 2012, 33, 1638-1646.	4.2	10
11	Parameter significance and reductions of soft sets. International Journal of Computer Mathematics, 2012, 89, 1979-1995.	1.8	9
12	Feature Selection in Decision Systems Based on Conditional Knowledge Granularity. International Journal of Computational Intelligence Systems, 2011, 4, 655-671.	2.7	8
13	Chicken 15-kDa Selenoprotein Plays Important Antioxidative Function in Splenocytes. Biological Trace Element Research, 2014, 161, 288-296.	3.5	8
14	On Reduction of Morphological Covering Rough Sets. Lecture Notes in Computer Science, 2006, , 266-275.	1.3	8
15	An Improved Ant Colony Optimization Applied to Attributes Reduction. Advances in Soft Computing, 2009, , 1-6.	0.4	8
16	Granule-view based feature extraction and classification approach to color image segmentation in a manifold space. Neurocomputing, 2013, 99, 46-58.	5.9	5
17	Optimal binary thresholding segmentation for medical images in rough fuzzy set framework. , 2013, , .		5
18	An Improved Semisupervised Outlier Detection Algorithm Based on Adaptive Feature Weighted Clustering. Mathematical Problems in Engineering, 2016, 2016, 1-14.	1.1	5

#	Article	IF	Citations
19	On the global and linear convergence of direct extension of ADMM for 3-block separable convex minimization models. Journal of Inequalities and Applications, 2016, 2016, .	1.1	5
20	Locally linear embedding preserving local neighborhood. , 2016, , .		4
21	Generalized Fuzzy Morphological Operators. Lecture Notes in Computer Science, 2005, , 275-284.	1.3	4
22	Feature Selection in Decision Systems Based on Conditional Knowledge Granularity. International Journal of Computational Intelligence Systems, 2011, 4, 655.	2.7	4
23	Comments from the author of "An object-parameter approach to predicting unknown data in incomplete fuzzy soft sets"[Appl. Math. Modell. 37 (2013) 4139–4146]. Applied Mathematical Modelling, 2015, 39, 7744-7745.	4.2	3
24	A Fuzzy Reasoning Method for Multi-views Image Registration. Journal of Computers, 2013, 8, .	0.4	2
25	A novel roughness measure based on knowledge granulation. , 2010, , .		1
26	The attribute reduction of the information system based on new rough set. , 2011, , .		1
27	An improved watershed image segmentation algorithm combining with a new entropy evaluation criterion. Proceedings of SPIE, 2013, , .	0.8	1
28	Algebraic Properties of Adjunction-Based Fuzzy Rough Sets. Lecture Notes in Computer Science, 2007, , 47-54.	1.3	1
29	Thresholding approaches with interval-valued fuzzy sets to image segmentation. , 2008, , .		0
30	Grey-Scale Morphological Operators and Fuzzy Connected Filters. , 2009, , .		0
31	Quantum Secret Sharing Based on Entanglement without Local Unitary Operations. , 2009, , .		0
32	An Improved Approach to Attribute Reduction with Ant Colony Optimization. Fuzzy Information and Engineering, 2010, 2, 145-155.	1.7	0
33	An improved algorithm for facet-based infrared small target detection. Proceedings of SPIE, 2011, , .	0.8	0
34	Interactive graph cut method based on improved Gabor features for image segmentation. , 2011, , .		0
35	Iterated graph cuts with confident measure. , 2011, , .		0
36	Multi-scale curvature based image corner detection and matching. , 2011, , .		0

#	Article	IF	Citations
37	A novel uncertainty measure on rough sets: A mean-variance approach. , 2012, , .		0
38	Rough Communication Based on the General Relationship and Fuzzy Relationship. , 2013, , .		0
39	Video Tracking via Tensor Neighborhood Preserving Discriminant Embedding. , 2013, , .		0
40	Visual Tracking via Feature Tensor Multimanifold Discriminate Analysis. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	0
41	Divergence-aided gradient vector flow snakes. , 2015, , .		0
42	Variable Precision Fuzzy Hit-or-Miss Transformation Models to Object Identification in Grey-Scale Images. Journal of Mathematical Imaging and Vision, 2015, 53, 112-129.	1.3	0
43	A supervised class-preserving Laplacian eigenmaps for dimensionality reduction. , 2016, , .		0
44	A Nonparametric Statistical Snake Model Using the Gradient Flow of Minimum Probability Density Integration. Journal of Mathematical Imaging and Vision, 2018, 60, 1150-1166.	1.3	0
45	Object Tracking via Tensor Kernel Space Projection. Journal of Computers, 2014, 9, .	0.4	0
46	Visual Tracking via Tensor Kernel Principal Component Analysis. Journal of Information and Computational Science, 2014, 11, 3593-3602.	0.1	0
47	A Morphological Approach for Granulometry with Application to Image Denoising. , 2007, , 919-929.		0