

Jane You

List of Publications by Year in descending order

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170
papers

6,817
citations

71102

41
h-index

71685

76
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173
all docs

173
docs citations

173
times ranked

4715
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordinal Unsupervised Domain Adaptation With Recursively Conditional Gaussian Imposed Variational Disentanglement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, , 1-14.	13.9	2
2	Wasserstein Loss With Alternative Reinforcement Learning for Severity-Aware Semantic Segmentation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 587-596.	8.0	7
3	Semisupervised Classification With Novel Graph Construction for High-Dimensional Data. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 75-88.	11.3	7
4	Progressive Hybrid Classifier Ensemble for Imbalanced Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2464-2478.	9.3	14
5	Centroid Estimation With Guaranteed Efficiency: A General Framework for Weakly Supervised Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2841-2855.	13.9	17
6	Constraining pseudo-label in self-training unsupervised domain adaptation with energy-based model. International Journal of Intelligent Systems, 2022, 37, 8092-8112.	5.7	6
7	Learning Content-Weighted Deep Image Compression. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3446-3461.	13.9	30
8	Shared Linear Encoder-Based Multikernel Gaussian Process Latent Variable Model for Visual Classification. IEEE Transactions on Cybernetics, 2021, 51, 534-547.	9.5	13
9	An Inception Convolutional Autoencoder Model for Chinese Healthcare Question Clustering. IEEE Transactions on Cybernetics, 2021, 51, 2019-2031.	9.5	9
10	Adaptive Classifier Ensemble Method Based on Spatial Perception for High-Dimensional Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2847-2862.	5.7	13
11	Robust Localization of Retinal Lesions via Weakly-supervised Learning. , 2021, , .		0
12	Identity-aware Facial Expression Recognition in Compressed Video. , 2021, , .		14
13	Embedding Semantic Hierarchy in Discrete Optimal Transport for Risk Minimization. , 2021, , .		4
14	Mutual information regularized identity-aware facial expression recognition in compressed video. Pattern Recognition, 2021, 119, 108105.	8.1	16
15	A nested U-shape network with multi-scale upsample attention for robust retinal vascular segmentation. Pattern Recognition, 2021, 120, 107998.	8.1	18
16	Energy-constrained Self-training for Unsupervised Domain Adaptation. , 2021, , .		13
17	Transfer Clustering Ensemble Selection. IEEE Transactions on Cybernetics, 2020, 50, 2872-2885.	9.5	25
18	Hybrid Classifier Ensemble for Imbalanced Data. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1387-1400.	11.3	62

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19	Dependency-Aware Attention Control for Image Set-Based Face Recognition. IEEE Transactions on Information Forensics and Security, 2020, 15, 1501-1512.	6.9	23
20	Relaxed Asymmetric Deep Hashing Learning: Point-to-Angle Matching. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4791-4805.	11.3	6
21	Image2Audio: Facilitating Semi-supervised Audio Emotion Recognition with Facial Expression Image. , 2020, , .		23
22	Classification-aware Semi-supervised Domain Adaptation. , 2020, , .		27
23	Wasserstein Loss based Deep Object Detection. , 2020, , .		13
24	Severity-Aware Semantic Segmentation With Reinforced Wasserstein Training. , 2020, , .		16
25	Efficient and Effective Context-Based Convolutional Entropy Modeling for Image Compression. IEEE Transactions on Image Processing, 2020, 29, 5900-5911.	9.8	37
26	Importance-Aware Semantic Segmentation in Self-Driving with Discrete Wasserstein Training. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 11629-11636.	4.9	20
27	Unimodal regularized neuron stick-breaking for ordinal classification. Neurocomputing, 2020, 388, 34-44.	5.9	29
28	AUTO3D: Novel View Synthesis Through Unsupervisedly Learned Variational Viewpoint and Global 3D Representation. Lecture Notes in Computer Science, 2020, , 52-71.	1.3	12
29	Two-dimensional locality adaptive discriminant analysis. Multimedia Tools and Applications, 2019, 78, 30397-30418.	3.9	3
30	Locally Weighted Discriminant Analysis for Hyperspectral Image Classification. Remote Sensing, 2019, 11, 109.	4.0	15
31	A non-rigid registration method with application to distorted fingerprint matching. Pattern Recognition, 2019, 95, 48-57.	8.1	22
32	Domain Transfer Learning for Hyperspectral Image Super-Resolution. Remote Sensing, 2019, 11, 694.	4.0	13
33	Non-rigid medical image registration using image field in Demons algorithm. Pattern Recognition Letters, 2019, 125, 98-104.	4.2	14
34	Multi-Object Grasping Detection With Hierarchical Feature Fusion. IEEE Access, 2019, 7, 43884-43894.	4.2	17
35	Feature-Level Frankenstein: Eliminating Variations for Discriminative Recognition. , 2019, , .		26
36	Permutation-Invariant Feature Restructuring for Correlation-Aware Image Set-Based Recognition. , 2019, , .		19

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37	Conservative Wasserstein Training for Pose Estimation. , 2019, , .		18
38	Hard negative generation for identity-disentangled facial expression recognition. Pattern Recognition, 2019, 88, 1-12.	8.1	77
39	Adaptive Semi-Supervised Classifier Ensemble for High Dimensional Data Classification. IEEE Transactions on Cybernetics, 2019, 49, 366-379.	9.5	51
40	Hybrid Incremental Ensemble Learning for Noisy Real-World Data Classification. IEEE Transactions on Cybernetics, 2019, 49, 403-416.	9.5	33
41	Multiobjective Semisupervised Classifier Ensemble. IEEE Transactions on Cybernetics, 2019, 49, 2280-2293.	9.5	26
42	Ordinal Regression with Neuron Stick-Breaking for Medical Diagnosis. Lecture Notes in Computer Science, 2019, , 335-344.	1.3	18
43	Breath Analysis for Detecting Diseases on Respiratory, Metabolic and Digestive System. Journal of Biomedical Science and Engineering, 2019, 12, 40-52.	0.4	1
44	Semi-Supervised Ensemble Clustering Based on Selected Constraint Projection. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2394-2407.	5.7	46
45	Normalized face image generation with perceptron generative adversarial networks. , 2018, , .		18
46	Clustering by Local Gravitation. IEEE Transactions on Cybernetics, 2018, 48, 1383-1396.	9.5	61
47	Progressive Semisupervised Learning of Multiple Classifiers. IEEE Transactions on Cybernetics, 2018, 48, 689-702.	9.5	35
48	Data Augmentation via Latent Space Interpolation for Image Classification. , 2018, , .		41
49	Hyperspectral Image Classification Based on Two-Stage Subspace Projection. Remote Sensing, 2018, 10, 1565.	4.0	11
50	Adaptive Hybrid Feature Selection-Based Classifier Ensemble for Epileptic Seizure Classification. IEEE Access, 2018, 6, 29132-29145.	4.2	21
51	Dependency-Aware Attention Control for Unconstrained Face Recognition with Image Sets. Lecture Notes in Computer Science, 2018, , 573-590.	1.3	23
52	Distribution-Based Cluster Structure Selection. IEEE Transactions on Cybernetics, 2017, 47, 3554-3567.	9.5	45
53	Adaptive Ensembling of Semi-Supervised Clustering Solutions. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1577-1590.	5.7	47
54	A spectral clustering based method for hyperspectral urban image. , 2017, , .		8

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55	Adaptive Deep Metric Learning for Identity-Aware Facial Expression Recognition. , 2017, , .		142
56	Robust Dual Clustering with Adaptive Manifold Regularization. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2498-2509.	5.7	27
57	A New Kind of Nonparametric Test for Statistical Comparison of Multiple Classifiers Over Multiple Datasets. IEEE Transactions on Cybernetics, 2017, 47, 4418-4431.	9.5	44
58	Sample diversity, representation effectiveness and robust dictionary learning for face recognition. Information Sciences, 2017, 375, 171-182.	6.9	64
59	A New Discriminative Sparse Representation Method for Robust Face Recognition via L_{2} Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2233-2242.	11.3	151
60	Automatic Mobile Retinal Microaneurysm Detection Using Handheld Fundus Camera via Cloud Computing. IS&T International Symposium on Electronic Imaging, 2016, 2016, 1-5.	0.4	1
61	Correlated Logistic Model With Elastic Net Regularization for Multilabel Image Classification. IEEE Transactions on Image Processing, 2016, 25, 3801-3813.	9.8	17
62	Projective robust nonnegative factorization. Information Sciences, 2016, 364-365, 16-32.	6.9	25
63	Incremental semi-supervised clustering ensemble for high dimensional data clustering. , 2016, , .		2
64	Multiview clustering based on Robust and Regularized Matrix Approximation. , 2016, , .		0
65	Robust Epileptic Seizure Classification. Lecture Notes in Computer Science, 2016, , 363-373.	1.3	2
66	Sparse tensor discriminative locality alignment for gait recognition. , 2016, , .		4
67	Progressive subspace ensemble learning. Pattern Recognition, 2016, 60, 692-705.	8.1	37
68	Guest Editorial: Multimedia-Based Healthcare. IEEE Transactions on Multimedia, 2016, 18, 1925-1928.	7.2	1
69	Data-driven facial animation via semi-supervised local patch alignment. Pattern Recognition, 2016, 57, 1-20.	8.1	13
70	HSAE: A Hessian regularized sparse auto-encoders. Neurocomputing, 2016, 187, 59-65.	5.9	51
71	Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 701-714.	5.7	150
72	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2130-2136.	13.9	36

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73	Robust Texture Image Representation by Scale Selective Local Binary Patterns. IEEE Transactions on Image Processing, 2016, 25, 687-699.	9.8	107
74	One-pass online learning: A local approach. Pattern Recognition, 2016, 51, 346-357.	8.1	17
75	Hybrid ℓ_1/ℓ_2 -Nearest Neighbor Classifier. IEEE Transactions on Cybernetics, 2016, 46, 1263-1275.	9.5	101
76	New hierarchical approach for microaneurysms detection with matched filter and machine learning. , 2015, 2015, 4322-5.		13
77	Multi-view ensemble manifold regularization for 3D object recognition. Information Sciences, 2015, 320, 395-405.	6.9	74
78	Adaptive Fuzzy Consensus Clustering Framework for Clustering Analysis of Cancer Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 887-901.	3.0	55
79	Effective texture classification by texton encoding induced statistical features. Pattern Recognition, 2015, 48, 447-457.	8.1	37
80	Low-rank matrix factorization with multiple Hypergraph regularizer. Pattern Recognition, 2015, 48, 1011-1022.	8.1	49
81	Online personal verification by palmvein image through palmprint-like and palmvein information. Neurocomputing, 2015, 147, 364-371.	5.9	7
82	Noise-free representation based classification and face recognition experiments. Neurocomputing, 2015, 147, 307-314.	5.9	12
83	Multi-view Based AdaBoost Classifier Ensemble for Class Prediction from Gene Expression Profiles. , 2014, , .		2
84	Differential Expression Analysis on RNA-Seq Count Data Based on Penalized Matrix Decomposition. IEEE Transactions on Nanobioscience, 2014, 13, 12-18.	3.3	12
85	Hybrid clustering solution selection strategy. Pattern Recognition, 2014, 47, 3362-3375.	8.1	61
86	Modified minimum squared error algorithm for robust classification and face recognition experiments. Neurocomputing, 2014, 135, 253-261.	5.9	30
87	Probabilistic cluster structure ensemble. Information Sciences, 2014, 267, 16-34.	6.9	32
88	Data Uncertainty in Face Recognition. IEEE Transactions on Cybernetics, 2014, 44, 1950-1961.	9.5	148
89	Double Selection Based Semi-Supervised Clustering Ensemble for Tumor Clustering from Gene Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 727-740.	3.0	60
90	Image clustering by hyper-graph regularized non-negative matrix factorization. Neurocomputing, 2014, 138, 209-217.	5.9	86

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91	Image clustering based on sparse patch alignment framework. Pattern Recognition, 2014, 47, 3512-3519.	8.1	95
92	Texture Classification by Texton: Statistical versus Binary. PLoS ONE, 2014, 9, e88073.	2.5	11
93	Improvement of the kernel minimum squared error model for fast feature extraction. Neural Computing and Applications, 2013, 23, 53-59.	5.6	4
94	Is local dominant orientation necessary for the classification of rotation invariant texture?. Neurocomputing, 2013, 116, 182-191.	5.9	14
95	Hybrid Fuzzy Cluster Ensemble Framework for Tumor Clustering from Biomolecular Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 657-670.	3.0	57
96	AN INTELLIGENT CBR MODEL FOR PREDICTING CHANGES IN TROPICAL CYCLONES INTENSITIES. , 2013, , 525-554.		0
97	Tongue Color Analysis for Medical Application. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	34
98	Video Activity Recognition by Luminance Differential Trajectory and Aligned Projection Distance. Handbook of Statistics, 2013, 31, 300-325.	0.6	0
99	Enlarge the Training Set Based on Inter-Class Relationship for Face Recognition from One Image per Person. PLoS ONE, 2013, 8, e68539.	2.5	8
100	Detecting Optic Disc on Asians by Multiscale Gaussian Filtering. International Journal of Biomedical Imaging, 2012, 2012, 1-10.	3.9	3
101	A Study of Hand Back Skin Texture Patterns for Personal Identification and Gender Classification. Sensors, 2012, 12, 8691-8709.	3.8	14
102	Representative Multi-Label Bayesian Approach for image classification. , 2012, , .		0
103	Multiscale retinal vessel segmentation with precise width estimation. , 2012, , .		1
104	Tumor clustering based on hybrid cluster ensemble framework. , 2012, , .		0
105	IMPACT OF FULL RANK PRINCIPAL COMPONENT ANALYSIS ON CLASSIFICATION ALGORITHMS FOR FACE RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1256005.	1.2	4
106	Structure ensemble based on fuzzy c-means. , 2012, , .		0
107	Double Partition Around Medoids based Cluster Ensemble. , 2012, , .		2
108	Fast normalized cut algorithm based on self-organizing map. , 2012, , .		0

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109	Double space based multiobjective evolutionary algorithm. , 2012, , .		1
110	Dual neural gas based structure ensemble with the bagging technique. , 2012, , .		0
111	Orthogonal discriminant vector for face recognition across pose. Pattern Recognition, 2012, 45, 4069-4079.	8.1	42
112	Local directional derivative pattern for rotation invariant texture classification. Neural Computing and Applications, 2012, 21, 1893-1904.	5.6	52
113	SCÂ ³ : Triple Spectral Clustering-Based Consensus Clustering Framework for Class Discovery from Cancer Gene Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1751-1765.	3.0	60
114	Representative Distance: A New Similarity Measure for Class Discovery From Gene Expression Data. IEEE Transactions on Nanobioscience, 2012, 11, 341-351.	3.3	14
115	NG ² CE: Double neural gas based cluster ensemble framework. , 2012, , .		2
116	Texture Image Classification Using Complex Texton. Lecture Notes in Computer Science, 2012, , 98-104.	1.3	1
117	A novel gray image representation using overlapping rectangular NAM and extended shading approach. Journal of Visual Communication and Image Representation, 2012, 23, 972-983.	2.8	15
118	Reversible image watermarking by rhombus prediction and histogram modification. , 2012, , .		5
119	Semi-supervised ensemble classification in subspaces. Applied Soft Computing Journal, 2012, 12, 1511-1522.	7.2	38
120	From cluster ensemble to structure ensemble. Information Sciences, 2012, 198, 81-99.	6.9	32
121	Visual query processing for efficient image retrieval using a SOM-based filter-refinement scheme. Information Sciences, 2012, 203, 83-101.	6.9	15
122	Vessel segmentation and width estimation in retinal images using multiscale production of matched filter responses. Expert Systems With Applications, 2012, 39, 7600-7610.	7.6	104
123	Semi-supervised classification based on random subspace dimensionality reduction. Pattern Recognition, 2012, 45, 1119-1135.	8.1	96
124	Extract minimum positive and maximum negative features for imbalanced binary classification. Pattern Recognition, 2012, 45, 1136-1145.	8.1	25
125	Hybrid cluster ensemble framework based on the random combination of data transformation operators. Pattern Recognition, 2012, 45, 1826-1837.	8.1	41
126	SOM 2 CE: Double Self-Organizing Map Based Cluster Ensemble Framework and its Application in Cancer Gene Expression Profiles. Lecture Notes in Computer Science, 2012, , 351-360.	1.3	3

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127	Penalty-based cluster validity index for class discovery from cancer data. , 2011, , .		0
128	Knowledge Based Cluster Ensemble for Cancer Discovery From Biomolecular Data. IEEE Transactions on Nanobioscience, 2011, 10, 76-85.	3.3	43
129	Fast kernel Fisher discriminant analysis via approximating the kernel principal component analysis. Neurocomputing, 2011, 74, 3313-3322.	5.9	16
130	Neural gas based cluster ensemble algorithm and its application to cancer data. , 2011, , .		4
131	Sparse representation based spectral regression. , 2011, , .		1
132	PSEFminer: A new probabilistic subspace ensemble framework for cancer microarray data analysis. , 2011, , .		0
133	Retinopathy Online Challenge: Automatic Detection of Microaneurysms in Digital Color Fundus Photographs. IEEE Transactions on Medical Imaging, 2010, 29, 185-195.	8.9	414
134	An efficient method for computing orthogonal discriminant vectors. Neurocomputing, 2010, 73, 2168-2176.	5.9	15
135	Detection of microaneurysms using multi-scale correlation coefficients. Pattern Recognition, 2010, 43, 2237-2248.	8.1	197
136	Perspectives on Cognitive Informatics and Cognitive Computing. International Journal of Cognitive Informatics and Natural Intelligence, 2010, 4, 1-29.	0.4	75
137	Refractive error detection via group sparse representation. , 2010, , .		1
138	Recognition of unideal iris images using region-based active contour model and game theory. , 2010, , .		11
139	Texture classification via patch-based sparse texton learning. , 2010, , .		29
140	A fully automated system for retinal vessel tortuosity diagnosis using scale dependent vessel tracing and grading. , 2010, , .		3
141	Microaneurysm (MA) Detection via Sparse Representation Classifier with MA and Non-MA Dictionary Learning. , 2010, , .		8
142	Retinal Vessel Centerline Extraction Using Multiscale Matched Filter and Sparse Representation-Based Classifier. Lecture Notes in Computer Science, 2010, , 181-190.	1.3	2
143	State-of-the-Art of Computer-Aided Detection/Diagnosis (CAD). Lecture Notes in Computer Science, 2010, , 296-305.	1.3	7
144	On Hierarchical Content-Based Image Retrieval by Dynamic Indexing and Guided Search. International Journal of Cognitive Informatics and Natural Intelligence, 2010, 4, 18-36.	0.4	1

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145	Hierarchical detection of red lesions in retinal images by multiscale correlation filtering. Proceedings of SPIE, 2009, , .	0.8	17
146	A Modified Matched Filter With Double-Sided Thresholding for Screening Proliferative Diabetic Retinopathy. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 528-534.	3.2	80
147	On hierarchical content-based image retrieval by dynamic indexing and guided search. , 2009, , .		2
148	Perspectives on Cognitive Informatics and Cognitive Computing: Summary of the Panel of IEEE ICCI'09. , 2009, , .		3
149	Tropical Cyclone Forecaster Integrated with Case-Based Reasoning. Lecture Notes in Electrical Engineering, 2009, , 235-241.	0.4	1
150	Dark line detection with line width extraction. , 2008, , .		11
151	Palm Vein Extraction and Matching for Personal Authentication. , 2007, , 154-164.		72
152	Robust Object Extraction and Change Detection in Retinal Images for Diabetic Clinical Studies. , 2007, , .		0
153	Detecting Wide Lines Using Isotropic Nonlinear Filtering. IEEE Transactions on Image Processing, 2007, 16, 1584-1595.	9.8	72
154	A robust automatic face recognition system for real-time personal identification. Sensor Review, 2006, 26, 38-44.	1.8	4
155	Robust human motion detection via fuzzy set based image understanding. , 2006, 6064, 186.		0
156	An analysis of BioHashing and its variants. Pattern Recognition, 2006, 39, 1359-1368.	8.1	251
157	Competitive Analysis for the On-line Truck Transportation Problem. Journal of Global Optimization, 2006, 34, 489-502.	1.8	3
158	A Multiscale Approach to Retinal Vessel Segmentation Using Gabor Filters and Scale Multiplication. , 2006, , .		16
159	Texture-based palmprint retrieval using a layered search scheme for personal identification. IEEE Transactions on Multimedia, 2005, 7, 891-898.	7.2	72
160	ON THE k-TRUCK SCHEDULING PROBLEM. International Journal of Foundations of Computer Science, 2004, 15, 127-141.	1.1	11
161	On Hierarchical Palmprint Coding With Multiple Features for Personal Identification in Large Databases. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 234-243.	8.3	107
162	A New Approach to Personal Identification in Large Databases by Hierarchical Palmprint Coding with Multi-features. Lecture Notes in Computer Science, 2004, , 739-745.	1.3	3

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163	Online palmprint identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 1041-1050.	13.9	1,222
164	Smart shopper: an agent-based web-mining approach to internet shopping. IEEE Transactions on Fuzzy Systems, 2003, 11, 226-237.	9.8	29
165	<title>Hierarchical content-based image retrieval by dynamic indexing and guided search</title> . , 2003, , .		0
166	Hierarchical palmprint identification via multiple feature extraction. Pattern Recognition, 2002, 35, 847-859.	8.1	217
167	On the On-line Number of Snacks Problem. Journal of Global Optimization, 2002, 24, 449-462.	1.8	17
168	Efficient Image Matching: A Hierarchical Chamfer Matching Scheme Via Distributed System. Real Time Imaging, 1995, 1, 245-259.	1.6	17
169	Classification and segmentation of rotated and scaled textured images using texture "tuned" masks. Pattern Recognition, 1993, 26, 245-258.	8.1	93
170	A multi-scale texture classifier based on multi-resolution "tuned" mask. Pattern Recognition Letters, 1992, 13, 599-604.	4.2	11