Yanwei Pang

List of Publications by Year
in descending order

| 481 papers | 20,147 citations | 14614
66 h-index | 22102
113 g-index |
| 484 all docs | 484 docs citations | 484 times ranked | 14164 citing authors |

#	Article	IF	Citations
1	Toward Scalable Systems for Big Data Analytics: A Technology Tutorial. IEEE Access, 2014, 2, 652-687.	2.6	965
2	A survey of graph edit distance. Pattern Analysis and Applications, 2010, 13, 113-129.	3.1	531
3	Manifold Regularized Sparse NMF for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2815-2826.	2.7	322
4	A Comprehensive Survey to Face Hallucination. International Journal of Computer Vision, 2014, 106, 9-30.	10.9	294
5	Supervised tensor learning. Knowledge and Information Systems, 2007, 13, 1-42.	2.1	281
6	LightenNet: A Convolutional Neural Network for weakly illuminated image enhancement. Pattern Recognition Letters, 2018, 104, 15-22.	2.6	279
7	Detection of Co-salient Objects by Looking Deep and Wide. International Journal of Computer Vision, 2016, 120, 215-232.	10.9	277
8	Exploring Models and Data for Remote Sensing Image Caption Generation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2183-2195.	2.7	274
9	Efficient HOG human detection. Signal Processing, 2011, 91, 773-781.	2.1	270
10	Self-weighted Multiview Clustering with Multiple Graphs. , 2017, , .		265
11	Discriminant Locally Linear Embedding With High-Order Tensor Data. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 342-352.	5.5	250
12	Feature Learning for Image Classification Via Multiobjective Genetic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1359-1371.	7.2	246
13	Discriminative Transfer Subspace Learning via Low-Rank and Sparse Representation. IEEE Transactions on Image Processing, 2016, 25, 850-863.	6.0	246
14	Gait Components and Their Application to Gender Recognition. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 145-155.	3.3	227
15	Gabor-Based Region Covariance Matrices for Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 989-993.	5.6	223
16	Punishment diminishes the benefits of network reciprocity in social dilemma experiments. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 30-35.	3.3	213
17	Contrast Enhancement-Based Forensics in Digital Images. IEEE Transactions on Information Forensics and Security, 2014, 9, 515-525.	4.5	201
18	Video Summarization With Attention-Based Encoder–Decoder Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1709-1717.	5.6	196

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19	Robust Tensor Analysis With L1-Norm. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 172-178.	5.6	185
20	Locality and Structure Regularized Low Rank Representation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 911-923.	2.7	184
21	Attention Scaling for Crowd Counting. , 2020, , .		167
22	Nonlocal Graph Convolutional Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8246-8257.	2.7	165
23	Face Sketchâ€"Photo Synthesis and Retrieval Using Sparse Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 1213-1226.	5.6	161
24	Learning Pooling for Convolutional Neural Network. Neurocomputing, 2017, 224, 96-104.	3.5	146
25	Segmentation of breast ultrasound image with semantic classification of superpixels. Medical Image Analysis, 2020, 61, 101657.	7.0	146
26	Fully affine invariant SURF for image matching. Neurocomputing, 2012, 85, 6-10.	3.5	142
27	Secrecy Outage and Diversity Analysis of Cognitive Radio Systems. IEEE Journal on Selected Areas in Communications, 2014, 32, 2222-2236.	9.7	141
28	Person Re-Identification by Regularized Smoothing KISS Metric Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1675-1685.	5.6	140
29	Convolution in Convolution for Network in Network. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1587-1597.	7.2	140
30	Machine Learning in Ultrasound Computer-Aided Diagnostic Systems: A Survey. BioMed Research International, 2018, 2018, 1-10.	0.9	139
31	HSA-RNN: Hierarchical Structure-Adaptive RNN for Video Summarization. , 2018, , .		135
32	Mask-Guided Attention Network for Occluded Pedestrian Detection. , 2019, , .		135
33	Unsupervised image saliency detection with Gestalt-laws guided optimization and visual attention based refinement. Pattern Recognition, 2018, 79, 65-78.	5.1	133
34	Locality Adaptive Discriminant Analysis for Spectralâ€"Spatial Classification of Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2077-2081.	1.4	131
35	Robotic Arm Based Automatic Ultrasound Scanning for Three-Dimensional Imaging. IEEE Transactions on Industrial Informatics, 2019, 15, 1173-1182.	7.2	130
36	Learning Deep and Wide: A Spectral Method for Learning Deep Networks. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 2303-2308.	7.2	127

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37	A Fine-Grained Image Categorization System by Cellet-Encoded Spatial Pyramid Modeling. IEEE Transactions on Industrial Electronics, 2015, 62, 564-571.	5.2	125
38	DISC: Deep Image Saliency Computing via Progressive Representation Learning. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1135-1149.	7.2	122
39	Deep semantic understanding of high resolution remote sensing image. , 2016, , .		121
40	A generalized power iteration method for solving quadratic problem on the Stiefel manifold. Science China Information Sciences, 2017, 60, 1.	2.7	120
41	Hierarchical Recurrent Neural Network for Video Summarization. , 2017, , .		119
42	Human Gait Recognition With Matrix Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 896-903.	5.6	114
43	Multiview Clustering via Adaptively Weighted Procrustes. , 2018, , .		112
44	Hierarchical Recurrent Neural Hashing for Image Retrieval With Hierarchical Convolutional Features. IEEE Transactions on Image Processing, 2018, 27, 106-120.	6.0	106
45	Universal Blind Image Quality Assessment Metrics Via Natural Scene Statistics and Multiple Kernel Learning. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 2013-2026.	7.2	104
46	When Collaboration Hugs Intelligence: Content Delivery over Ultra-Dense Networks. , 2017, 55, 91-95.		103
47	Locality Adaptive Discriminant Analysis. , 2017, , .		101
48	Learning Regularized LDA by Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 2191-2201.	7.2	97
49	Learning Multilayer Channel Features for Pedestrian Detection. IEEE Transactions on Image Processing, 2017, 26, 3210-3220.	6.0	96
50	A Relay Level Set Method for Automatic Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 518-525.	5.5	95
51	Single-image super-resolution via local learning. International Journal of Machine Learning and Cybernetics, 2011, 2, 15-23.	2.3	95
52	A General Framework for Edited Video and Raw Video Summarization. IEEE Transactions on Image Processing, 2017, 26, 3652-3664.	6.0	94
53	Patient-specific ECG classification by deeper CNN from generic to dedicated. Neurocomputing, 2018, 314, 336-346.	3.5	92
54	A Hybrid Sparsity and Distance-Based Discrimination Detector for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1704-1717.	2.7	91

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55	Surveillance Video Synopsis via Scaling Down Objects. IEEE Transactions on Image Processing, 2016, 25, 740-755.	6.0	90
56	Consensus-Aware Visual-Semantic Embedding for Image-Text Matching. Lecture Notes in Computer Science, 2020, , 18-34.	1.0	88
57	Linear SVM classification using boosting HOG features for vehicle detection in low-altitude airborne videos. , 2011, , .		87
58	Unsupervised Deep Noise Modeling for Hyperspectral Image Change Detection. Remote Sensing, 2019, 11, 258.	1.8	87
59	Single underwater image restoration by blue-green channels dehazing and red channel correction. , 2016, , .		86
60	Deep smoke segmentation. Neurocomputing, 2019, 357, 248-260.	3.5	85
61	Summarizing tourist destinations by mining user-generated travelogues and photos. Computer Vision and Image Understanding, 2011, 115, 352-363.	3.0	84
62	A Review of Co-Saliency Detection Algorithms. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-31.	2.9	83
63	Exploring the Relationship Between 2D/3D Convolution for Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8693-8703.	2.7	82
64	Deep Contextual Attention for Human-Object Interaction Detection. , 2019, , .		81
65	CerebelluMorphic: Large-Scale Neuromorphic Model and Architecture for Supervised Motor Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4398-4412.	7.2	81
66	Robust CoHOG Feature Extraction in Human-Centered Image/Video Management System. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 458-468.	5.5	80
67	A Cascaded Convolutional Neural Network for Single Image Dehazing. IEEE Access, 2018, 6, 24877-24887.	2.6	80
68	Learning Compositional Neural Information Fusion for Human Parsing. , 2019, , .		80
69	A Fast Neighborhood Grouping Method for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5028-5039.	2.7	80
70	Real-Time Video Emotion Recognition Based on Reinforcement Learning and Domain Knowledge. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1034-1047.	5.6	80
71	Deep neural networks with Elastic Rectified Linear Units for object recognition. Neurocomputing, 2018, 275, 1132-1139.	3.5	79
72	Mixed 2D/3D Convolutional Network for Hyperspectral Image Super-Resolution. Remote Sensing, 2020, 12, 1660.	1.8	79

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73	Interactive Segmentation Using Constrained Laplacian Optimization. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1088-1100.	5.6	78
74	Spatial-Aware Object-Level Saliency Prediction by Learning Graphlet Hierarchies. IEEE Transactions on Industrial Electronics, 2015, 62, 1301-1308.	5.2	76
75	Learning Rich Features at High-Speed for Single-Shot Object Detection. , 2019, , .		76
76	Vehicle Detection and Motion Analysis in Low-Altitude Airborne Video Under Urban Environment. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1522-1533.	5.6	75
77	A maximum entropy feature descriptor for age invariant face recognition. , 2015, , .		75
78	Semantic Descriptions of High-Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1274-1278.	1.4	74
79	Towards Bridging Semantic Gap to Improve Semantic Segmentation. , 2019, , .		74
80	Toward improving ECG biometric identification using cascaded convolutional neural networks. Neurocomputing, 2020, 391, 83-95.	3.5	72
81	Rank Preserving Discriminant Analysis for Human Behavior Recognition on Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2014, 10, 813-823.	7.2	70
82	Distributed Object Detection With Linear SVMs. IEEE Transactions on Cybernetics, 2014, 44, 2122-2133.	6.2	68
83	Improving Level Set Method for Fast Auroral Oval Segmentation. IEEE Transactions on Image Processing, 2014, 23, 2854-2865.	6.0	68
84	Saliency-Guided Attention Network for Image-Sentence Matching. , 2019, , .		67
85	Efficient Featurized Image Pyramid Network for Single Shot Detector. , 2019, , .		67
86	JCS-Net: Joint Classification and Super-Resolution Network for Small-Scale Pedestrian Detection in Surveillance Images. IEEE Transactions on Information Forensics and Security, 2019, 14, 3322-3331.	4.5	66
87	Hyperspectral Band Selection via Optimal Neighborhood Reconstruction. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8465-8476.	2.7	66
88	Discrete Nonnegative Spectral Clustering. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1834-1845.	4.0	65
89	Attribute-Guided Network for Cross-Modal Zero-Shot Hashing. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 321-330.	7.2	64
90	Hierarchical Human Parsing With Typed Part-Relation Reasoning. , 2020, , .		64

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91	Modality Mixture Projections for Semantic Video Event Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1587-1596.	5.6	63
92	Temporal Multimodal Learning in Audiovisual Speech Recognition. , 2016, , .		62
93	Efficient Feature Selection via $\ell_{2,0}$ â„"2,0-norm Constrained Sparse Regression. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 880-893.	4.0	62
94	Efficient Search and Localization of Human Actions in Video Databases. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 504-512.	5.6	60
95	Spectral Clustering by Joint Spectral Embedding and Spectral Rotation. IEEE Transactions on Cybernetics, 2020, 50, 247-258.	6.2	60
96	Detection of Sudden Pedestrian Crossings for Driving Assistance Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 729-739.	5.5	59
97	Classifying Discriminative Features for Blur Detection. IEEE Transactions on Cybernetics, 2016, 46, 2220-2227.	6.2	57
98	Enriched Feature Guided Refinement Network for Object Detection. , 2019, , .		57
99	Cascaded hierarchical atrous spatial pyramid pooling module for semantic segmentation. Pattern Recognition, 2021, 110, 107622.	5.1	57
100	Cast shadow detection in video segmentation. Pattern Recognition Letters, 2005, 26, 91-99.	2.6	56
101	Scalable Graph-Based Clustering With Nonnegative Relaxation for Large Hyperspectral Image. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7352-7364.	2.7	56
102	Deep Fuzzy K-Means With Adaptive Loss and Entropy Regularization. IEEE Transactions on Fuzzy Systems, 2020, 28, 2814-2824.	6.5	56
103	Hierarchical Shot Detector. , 2019, , .		55
104	A Survey of Human Action Analysis in HRI Applications. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2114-2128.	5.6	54
105	Which Components are Important for Interactive Image Searching?. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 3-11.	5.6	53
106	Adaptive Multimedia Data Forwarding for Privacy Preservation in Vehicular Ad-Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2629-2641.	4.7	53
107	Inferring subgroup-specific driver genes from heterogeneous cancer samples via subspace learning with subgroup indication. Bioinformatics, 2020, 36, 1855-1863.	1.8	53
108	High-Level Semantic Networks for Multi-Scale Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3372-3386.	5.6	53

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109	Hyperspectral Image Superresolution Using Spectrum and Feature Context. IEEE Transactions on Industrial Electronics, 2021, 68, 11276-11285.	5.2	53
110	Improved prototypical networks for few-Shot learning. Pattern Recognition Letters, 2020, 140, 81-87.	2.6	53
111	MAM-RNN: Multi-level Attention Model Based RNN for Video Captioning. , 2017, , .		53
112	Ranking Graph Embedding for Learning to Rerank. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1292-1303.	7.2	52
113	Efficient Outlier Detection for High-Dimensional Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2451-2461.	5.9	52
114	Bezier Interpolation for 3-D Freehand Ultrasound. IEEE Transactions on Human-Machine Systems, 2015, 45, 385-392.	2.5	51
115	Nonnegative Discriminant Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1392-1405.	5.6	51
116	A 3D-CNN and LSTM Based Multi-Task Learning Architecture for Action Recognition. IEEE Access, 2019, 7, 40757-40770.	2.6	51
117	Fast Haar Transform Based Feature Extraction for Face Representation and Recognition. IEEE Transactions on Information Forensics and Security, 2009, 4, 441-450.	4.5	50
118	KPCA for semantic object extraction in images. Pattern Recognition, 2008, 41, 3244-3250.	5.1	49
119	Outlier-resisting graph embedding. Neurocomputing, 2010, 73, 968-974.	3.5	49
120	Speed up deep neural network based pedestrian detection by sharing features across multi-scale models. Neurocomputing, 2016, 185, 163-170.	3.5	49
121	Iterative Subspace Analysis Based on Feature Line Distance. IEEE Transactions on Image Processing, 2009, 18, 903-907.	6.0	48
122	Does being multi-headed make you better at solving problems? A survey of Physarum-based models and computations. Physics of Life Reviews, 2019, 29, 1-26.	1.5	48
123	Parameter-Free Weighted Multi-View Projected Clustering with Structured Graph Learning. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2014-2025.	4.0	48
124	Multi-View Scaling Support Vector Machines for Classification and Feature Selection. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1419-1430.	4.0	48
125	Evolutionary dynamics drives role specialization in a community of players. Journal of the Royal Society Interface, 2020, 17, 20200174.	1.5	48
126	Binary Sparse Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 772-777.	5.6	47

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127	Compressed Hashing. , 2013, , .		47
128	Low-Rank 2-D Neighborhood Preserving Projection for Enhanced Robust Image Representation. IEEE Transactions on Cybernetics, 2019, 49, 1859-1872.	6.2	47
129	Property-Constrained Dual Learning for Video Summarization. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3989-4000.	7.2	47
130	Robust Hierarchical Deep Learning for Vehicular Management. IEEE Transactions on Vehicular Technology, 2019, 68, 4148-4156.	3.9	46
131	TTH-RNN: Tensor-Train Hierarchical Recurrent Neural Network for Video Summarization. IEEE Transactions on Industrial Electronics, 2021, 68, 3629-3637.	5.2	46
132	Truncation Cross Entropy Loss for Remote Sensing Image Captioning. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5246-5257.	2.7	46
133	Deep Attentive Video Summarization With Distribution Consistency Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1765-1775.	7.2	45
134	Insignificant shadow detection for video segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2005, 15, 1058-1064.	5.6	44
135	Survey of Spatio-Temporal Interest Point Detection Algorithms in Video. IEEE Access, 2017, 5, 10323-10331.	2.6	44
136	Subspace clustering guided convex nonnegative matrix factorization. Neurocomputing, 2018, 292, 38-48.	3.5	44
137	Visual Haze Removal by a Unified Generative Adversarial Network. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3211-3221.	5.6	44
138	TJU-DHD: A Diverse High-Resolution Dataset for Object Detection. IEEE Transactions on Image Processing, 2021, 30, 207-219.	6.0	44
139	Selecting Key Poses on Manifold for Pairwise Action Recognition. IEEE Transactions on Industrial Informatics, 2012, 8, 168-177.	7.2	43
140	Modeling Information Diffusion over Social Networks for Temporal Dynamic Prediction. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1985-1997.	4.0	43
141	BidNet: Binocular Image Dehazing Without Explicit Disparity Estimation. , 2020, , .		43
142	Density-Aware Multi-Task Learning for Crowd Counting. IEEE Transactions on Multimedia, 2021, 23, 443-453.	5.2	43
143	Denoising-Based Multiscale Feature Fusion for Remote Sensing Image Captioning. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 436-440.	1.4	43
144	From Handcrafted to Deep Features for Pedestrian Detection: A Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 4913-4934.	9.7	43

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145	Word–Sentence Framework for Remote Sensing Image Captioning. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10532-10543.	2.7	43
146	Pedestrian Detection Inspired by Appearance Constancy and Shape Symmetry. IEEE Transactions on Image Processing, 2016, 25, 5538-5551.	6.0	42
147	Triply Supervised Decoder Networks for Joint Detection and Segmentation. , 2019, , .		42
148	Multilevel projections with adaptive neighbor graph for unsupervised multi-view feature selection. Information Fusion, 2021, 70, 129-140.	11.7	42
149	Vehicle detection and tracking in airborne videos by multi-motion layer analysis. Machine Vision and Applications, 2012, 23, 921-935.	1.7	40
150	Complementary Projection Hashing. , 2013, , .		40
151	Underwater image restoration based on minimum information loss principle and optical properties of underwater imaging. , 2016, , .		40
152	Person Re-identification by Multi-hypergraph Fusion. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2763-2774.	7.2	40
153	A novel route to cyclic dominance in voluntary social dilemmas. Journal of the Royal Society Interface, 2020, 17, 20190789.	1.5	40
154	Low Rank Regularization: A review. Neural Networks, 2021, 136, 218-232.	3.3	40
155	PSC-Net: learning part spatial co-occurrence for occluded pedestrian detection. Science China Information Sciences, 2021, 64, 1.	2.7	39
156	Video Supervoxels Using Partially Absorbing Random Walks. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 928-938.	5.6	37
157	Discriminant Analysis with Graph Learning for Hyperspectral Image Classification. Remote Sensing, 2018, 10, 836.	1.8	37
158	Hyperspectral and Multispectral Image Fusion via Nonlocal Low-Rank Tensor Approximation and Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 550-562.	2.7	37
159	Deep attentive and semantic preserving video summarization. Neurocomputing, 2020, 405, 200-207.	3.5	37
160	Mammographic mass segmentation: Embedding multiple features in vector-valued level set in ambiguous regions. Pattern Recognition, 2011, 44, 1903-1915.	5.1	36
161	Local Coordinate Concept Factorization for Image Representation. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1071-1082.	7.2	36
162	Learning Sampling Distributions for Efficient Object Detection. IEEE Transactions on Cybernetics, 2017, 47, 117-129.	6.2	36

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163	Query-aware sparse coding for web multi-video summarization. Information Sciences, 2019, 478, 152-166.	4.0	36
164	Reconstructive Sequence-Graph Network for Video Summarization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	36
165	Selective Level Set Segmentation Using Fuzzy Region Competition. IEEE Access, 2016, 4, 4777-4788.	2.6	35
166	Orthogonal self-guided similarity preserving projection for classification and clustering. Neural Networks, 2017, 88, 1-8.	3.3	34
167	Multiview Semi-Supervised Learning Model for Image Classification. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2389-2400.	4.0	34
168	Multi-layer Attention Based CNN for Target-Dependent Sentiment Classification. Neural Processing Letters, 2020, 51, 2089-2103.	2.0	34
169	Taking a Look at Small-Scale Pedestrians and Occluded Pedestrians. IEEE Transactions on Image Processing, 2020, 29, 3143-3152.	6.0	33
170	Incremental Learning With Saliency Map for Moving Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 640-651.	5.6	32
171	Image hashing with color vector angle. Neurocomputing, 2018, 308, 147-158.	3.5	32
172	Locating Multi-Sources in Social Networks With a Low Infection Rate. IEEE Transactions on Network Science and Engineering, 2022, 9, 1853-1865.	4.1	32
173	Image quality assessment based on S-CIELAB model. Signal, Image and Video Processing, 2011, 5, 283-290.	1.7	31
174	Manifold regularized cross-modal embedding for zero-shot learning. Information Sciences, 2017, 378, 48-58.	4.0	31
175	Cascade Learning by Optimally Partitioning. IEEE Transactions on Cybernetics, 2017, 47, 4148-4161.	6.2	31
176	Randomly translational activation inspired by the input distributions of ReLU. Neurocomputing, 2018, 275, 859-868.	3.5	31
177	Hierarchical multimodal transformer to summarize videos. Neurocomputing, 2022, 468, 360-369.	3.5	31
178	Learning optimal spatial filters by discriminant analysis for brain–computer-interface. Neurocomputing, 2012, 77, 20-27.	3.5	30
179	Pedestrian Detection Inspired by Appearance Constancy and Shape Symmetry. , 2016, , .		30
180	Exploring Multi-Level Attention and Semantic Relationship for Remote Sensing Image Captioning. IEEE Access, 2020, 8, 2608-2620.	2.6	30

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181	Geometry constrained sparse coding for single image super-resolution. , 2012, , .		29
182	Simultaneously Learning Neighborhood and Projection Matrix for Supervised Dimensionality Reduction. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2779-2793.	7.2	29
183	Double Relaxed Regression for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 307-319.	5.6	29
184	Multiple Features and Isolation Forest-Based Fast Anomaly Detector for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6664-6676.	2.7	29
185	Scene segmentation based on IPCA for visual surveillance. Neurocomputing, 2009, 72, 2450-2454.	3.5	28
186	Learning Multi-Level Density Maps for Crowd Counting. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2705-2715.	7.2	28
187	Dense Prediction and Local Fusion of Superpixels: A Framework for Breast Anatomy Segmentation in Ultrasound Image With Scarce Data. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	2.4	28
188	Mask-Guided Attention Network and Occlusion-Sensitive Hard Example Mining for Occluded Pedestrian Detection. IEEE Transactions on Image Processing, 2021, 30, 3872-3884.	6.0	28
189	Robust Sparse Coding for Mobile Image Labeling on the Cloud. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 62-72.	5.6	27
190	A Novel Segmentation Approach Combining Region- and Edge-Based Information for Ultrasound Images. BioMed Research International, 2017, 2017, 1-18.	0.9	27
191	Transductive Zero-Shot Learning With Adaptive Structural Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4116-4127.	7.2	27
192	An Efficient Clustering Method for Hyperspectral Optimal Band Selection via Shared Nearest Neighbor. Remote Sensing, 2019, 11, 350.	1.8	27
193	Multi-Scale Cropping Mechanism for Remote Sensing Image Captioning. , 2019, , .		27
194	Fuzzy K-Means Clustering With Discriminative Embedding. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1221-1230.	4.0	27
195	Face sketch-photo synthesis based on support vector regression. , 2011, , .		26
196	An Improved Nyquistâ€"Shannon Irregular Sampling Theorem From Local Averages. IEEE Transactions on Information Theory, 2012, 58, 6093-6100.	1.5	26
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198	A Classification-Based Model for Multi-Objective Hyperspectral Sparse Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9612-9625.	2.7	26

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199	Convolutional Edge Constraint-Based U-Net for Salient Object Detection. IEEE Access, 2019, 7, 48890-48900.	2.6	26
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