

Maoguo Gong

List of Publications by Year in descending order

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361
papers

14,757
citations

19608

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364
docs citations

364
times ranked

9040
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy C-Means Clustering With Local Information and Kernel Metric for Image Segmentation. IEEE Transactions on Image Processing, 2013, 22, 573-584.	6.0	514
2	Change Detection in Synthetic Aperture Radar Images based on Image Fusion and Fuzzy Clustering. IEEE Transactions on Image Processing, 2012, 21, 2141-2151.	6.0	501
3	Change Detection in Synthetic Aperture Radar Images Based on Deep Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 125-138.	7.2	481
4	Multiobjective Immune Algorithm with Nondominated Neighbor-Based Selection. Evolutionary Computation, 2008, 16, 225-255.	2.3	466
5	Complex Network Clustering by Multiobjective Discrete Particle Swarm Optimization Based on Decomposition. IEEE Transactions on Evolutionary Computation, 2014, 18, 82-97.	7.5	323
6	A Multiobjective Evolutionary Algorithm Based on Decision Variable Analyses for Multiobjective Optimization Problems With Large-Scale Variables. IEEE Transactions on Evolutionary Computation, 2016, 20, 275-298.	7.5	319
7	A Deep Convolutional Coupling Network for Change Detection Based on Heterogeneous Optical and Radar Images. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 545-559.	7.2	307
8	Fuzzy Clustering With a Modified MRF Energy Function for Change Detection in Synthetic Aperture Radar Images. IEEE Transactions on Fuzzy Systems, 2014, 22, 98-109.	6.5	257
9	Remote Sensing Image Registration With Modified SIFT and Enhanced Feature Matching. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 3-7.	1.4	252
10	A Novel Point-Matching Algorithm Based on Fast Sample Consensus for Image Registration. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 43-47.	1.4	248
11	A Novel Coarse-to-Fine Scheme for Automatic Image Registration Based on SIFT and Mutual Information. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 4328-4338.	2.7	244
12	Change detection based on deep feature representation and mapping transformation for multi-spatial-resolution remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 116, 24-41.	4.9	231
13	Community detection in networks by using multiobjective evolutionary algorithm with decomposition. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 4050-4060.	1.2	211
14	Position-Patch Based Face Hallucination Using Convex Optimization. IEEE Signal Processing Letters, 2011, 18, 367-370.	2.1	210
15	Adaptive Replacement Strategies for MOEA/D. IEEE Transactions on Cybernetics, 2016, 46, 474-486.	6.2	209
16	Spectral Clustering Ensemble Applied to SAR Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 2126-2136.	2.7	199
17	Memetic algorithm for community detection in networks. Physical Review E, 2011, 84, 056101.	0.8	187
18	Influence maximization in social networks based on discrete particle swarm optimization. Information Sciences, 2016, 367-368, 600-614.	4.0	183

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19	A Neighborhood-Based Ratio Approach for Change Detection in SAR Images. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 307-311.	1.4	182
20	Feature learning and change feature classification based on deep learning for ternary change detection in SAR images. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 129, 212-225.	4.9	177
21	A Multiobjective Sparse Feature Learning Model for Deep Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 3263-3277.	7.2	172
22	Multi-Task Network Representation Learning. Frontiers in Neuroscience, 2020, 14, 1.	1.4	159
23	Superpixel-Based Difference Representation Learning for Change Detection in Multispectral Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2658-2673.	2.7	154
24	SAR Image Despeckling Based on Local Homogeneous-Region Segmentation by Using Pixel-Relativity Measurement. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2724-2737.	2.7	136
25	Research on Evolutionary Multi-Objective Optimization Algorithms. Ruan Jian Xue Bao/Journal of Software, 2009, 20, 271-289.	0.3	133
26	Unsupervised Band Selection Based on Evolutionary Multiobjective Optimization for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 544-557.	2.7	131
27	Constrained Subproblems in a Decomposition-Based Multiobjective Evolutionary Algorithm. IEEE Transactions on Evolutionary Computation, 2016, 20, 475-480.	7.5	126
28	A Conditional Adversarial Network for Change Detection in Heterogeneous Images. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 45-49.	1.4	123
29	Feature-Level Change Detection Using Deep Representation and Feature Change Analysis for Multispectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1666-1670.	1.4	122
30	Quantum-Inspired Immune Clonal Algorithm for Global Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1234-1253.	5.5	119
31	Self-Regulated Evolutionary Multitask Optimization. IEEE Transactions on Evolutionary Computation, 2020, 24, 16-28.	7.5	115
32	Evolutionary Multitasking With Dynamic Resource Allocating Strategy. IEEE Transactions on Evolutionary Computation, 2019, 23, 858-869.	7.5	112
33	An Evolutionary Multiobjective Approach to Sparse Reconstruction. IEEE Transactions on Evolutionary Computation, 2014, 18, 827-845.	7.5	110
34	Greedy discrete particle swarm optimization for large-scale social network clustering. Information Sciences, 2015, 316, 503-516.	4.0	108
35	Personalized Recommendation Based on Evolutionary Multi-Objective Optimization [Research Frontier]. IEEE Computational Intelligence Magazine, 2015, 10, 52-62.	3.4	107
36	Multi-level learning based memetic algorithm for community detection. Applied Soft Computing Journal, 2014, 19, 121-133.	4.1	103

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37	A survey on network community detection based on evolutionary computation. International Journal of Bio-Inspired Computation, 2016, 8, 84.	0.6	98
38	Wavelet Fusion on Ratio Images for Change Detection in SAR Images. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 1122-1126.	1.4	96
39	Generative Adversarial Networks for Change Detection in Multispectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2310-2314.	1.4	96
40	Coupled Dictionary Learning for Change Detection From Multisource Data. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7077-7091.	2.7	95
41	Multi-objective optimization for long tail recommendation. Knowledge-Based Systems, 2016, 104, 145-155.	4.0	95
42	Tag-aware recommender systems based on deep neural networks. Neurocomputing, 2016, 204, 51-60.	3.5	91
43	A Clustering-Based Evolutionary Algorithm for Many-Objective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2019, 23, 391-405.	7.5	91
44	Commonality Autoencoder: Learning Common Features for Change Detection From Heterogeneous Images. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4257-4270.	7.2	89
45	Unsupervised Feature Extraction in Hyperspectral Images Based on Wasserstein Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2669-2688.	2.7	88
46	An Efficient Memetic Algorithm for Influence Maximization in Social Networks. IEEE Computational Intelligence Magazine, 2016, 11, 22-33.	3.4	87
47	Baldwinian learning in clonal selection algorithm for optimization. Information Sciences, 2010, 180, 1218-1236.	4.0	86
48	Quantum-behaved discrete multi-objective particle swarm optimization for complex network clustering. Pattern Recognition, 2017, 63, 1-14.	5.1	86
49	Discrete particle swarm optimization for identifying community structures in signed social networks. Neural Networks, 2014, 58, 4-13.	3.3	85
50	Structure Learning for Deep Neural Networks Based on Multiobjective Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2450-2463.	7.2	80
51	Unsupervised Hyperspectral Band Selection by Fuzzy Clustering With Particle Swarm Optimization. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 773-777.	1.4	78
52	A Multiobjective Cooperative Coevolutionary Algorithm for Hyperspectral Sparse Unmixing. IEEE Transactions on Evolutionary Computation, 2017, 21, 234-248.	7.5	78
53	Multimodal Multiobjective Evolutionary Optimization With Dual Clustering in Decision and Objective Spaces. IEEE Transactions on Evolutionary Computation, 2021, 25, 130-144.	7.5	78
54	Fast affinity propagation clustering: A multilevel approach. Pattern Recognition, 2012, 45, 474-486.	5.1	74

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55	Automatic Tobacco Plant Detection in UAV Images via Deep Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 876-887.	2.3	74
56	Community Detection in Dynamic Social Networks Based on Multiobjective Immune Algorithm. Journal of Computer Science and Technology, 2012, 27, 455-467.	0.9	71
57	Discriminative Feature Learning for Unsupervised Change Detection in Heterogeneous Images Based on a Coupled Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 7066-7080.	2.7	70
58	SAR change detection based on intensity and texture changes. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 93, 123-135.	4.9	68
59	A Survey on Differentially Private Machine Learning [Review Article]. IEEE Computational Intelligence Magazine, 2020, 15, 49-64.	3.4	67
60	Natural and Remote Sensing Image Segmentation Using Memetic Computing. IEEE Computational Intelligence Magazine, 2010, 5, 78-91.	3.4	62
61	An efficient negative selection algorithm with further training for anomaly detection. Knowledge-Based Systems, 2012, 30, 185-191.	4.0	62
62	Enhancing robustness of coupled networks under targeted recoveries. Scientific Reports, 2015, 5, 8439.	1.6	62
63	MGAT: Multi-view Graph Attention Networks. Neural Networks, 2020, 132, 180-189.	3.3	61
64	Log-Based Transformation Feature Learning for Change Detection in Heterogeneous Images. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1352-1356.	1.4	60
65	Artificial immune multi-objective SAR image segmentation with fused complementary features. Information Sciences, 2011, 181, 2797-2812.	4.0	58
66	Interactive MOEA/D for multi-objective decision making. , 2011, , .		58
67	Evolutionary Multitasking Sparse Reconstruction: Framework and Case Study. IEEE Transactions on Evolutionary Computation, 2019, 23, 733-747.	7.5	58
68	A bi-level belief rule based decision support system for diagnosis of lymph node metastasis in gastric cancer. Knowledge-Based Systems, 2013, 54, 128-136.	4.0	55
69	A Generative Discriminatory Classified Network for Change Detection in Multispectral Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 321-333.	2.3	55
70	HFA-Net: High frequency attention siamese network for building change detection in VHR remote sensing images. Pattern Recognition, 2022, 129, 108717.	5.1	54
71	Overlapping community detection via network dynamics. Physical Review E, 2012, 85, 016115.	0.8	52
72	HetNERec: Heterogeneous network embedding based recommendation. Knowledge-Based Systems, 2020, 204, 106218.	4.0	52

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73	Novel fuzzy active contour model with kernel metric for image segmentation. Applied Soft Computing Journal, 2015, 34, 301-311.	4.1	50
74	Unsupervised Hyperspectral Image Band Selection via Column Subset Selection. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1411-1415.	1.4	50
75	Hyperspectral band selection based on multi-objective optimization with high information and low redundancy. Applied Soft Computing Journal, 2018, 70, 604-621.	4.1	50
76	Spectral clustering with eigenvector selection based on entropy ranking. Neurocomputing, 2010, 73, 1704-1717.	3.5	49
77	Network Structural Balance Based on Evolutionary Multiobjective Optimization: A Two-Step Approach. IEEE Transactions on Evolutionary Computation, 2015, 19, 903-916.	7.5	49
78	Deep learning and mapping based ternary change detection for information unbalanced images. Pattern Recognition, 2017, 66, 213-228.	5.1	49
79	Unsupervised Classification of Fully Polarimetric SAR Images Based on Scattering Power Entropy and Copolarized Ratio. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 622-626.	1.4	48
80	A multiobjective fuzzy clustering method for change detection in SAR images. Applied Soft Computing Journal, 2016, 46, 767-777.	4.1	48
81	A population-based artificial immune system for numerical optimization. Neurocomputing, 2008, 72, 149-161.	3.5	47
82	PSOSAC: Particle Swarm Optimization Sample Consensus Algorithm for Remote Sensing Image Registration. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 242-246.	1.4	47
83	Multi-objective immune algorithm with Baldwinian learning. Applied Soft Computing Journal, 2012, 12, 2654-2674.	4.1	46
84	NNIA-RS: A multi-objective optimization based recommender system. Physica A: Statistical Mechanics and Its Applications, 2015, 424, 383-397.	1.2	46
85	Learning to Map Social Network Users by Unified Manifold Alignment on Hypergraph. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5834-5846.	7.2	46
86	Robust non-local fuzzy c-means algorithm with edge preservation for SAR image segmentation. Signal Processing, 2013, 93, 487-499.	2.1	45
87	Difference representation learning using stacked restricted Boltzmann machines for change detection in SAR images. Soft Computing, 2016, 20, 4645-4657.	2.1	45
88	Multi-objective evolutionary fuzzy clustering for image segmentation with MOEA/D. Applied Soft Computing Journal, 2016, 48, 621-637.	4.1	43
89	Regularized Evolutionary Multitask Optimization: Learning to Intertask Transfer in Aligned Subspace. IEEE Transactions on Evolutionary Computation, 2021, 25, 262-276.	7.5	41
90	Preventing epidemic spreading in networks by community detection and memetic algorithm. Applied Soft Computing Journal, 2020, 89, 106118.	4.1	40

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91	Clonal Selection with Immune Dominance and Anergy Based Multiobjective Optimization. Lecture Notes in Computer Science, 2005, , 474-489.	1.0	39
92	A memetic algorithm for computing and transforming structural balance in signed networks. Knowledge-Based Systems, 2015, 85, 196-209.	4.0	39
93	Community discovery in networks with deep sparse filtering. Pattern Recognition, 2018, 81, 50-59.	5.1	38
94	Multi-objective optimization for location-based and preferences-aware recommendation. Information Sciences, 2020, 513, 614-626.	4.0	38
95	Optimal approximation of linear systems by artificial immune response. Science in China Series F: Information Sciences, 2006, 49, 63-79.	1.1	37
96	Identification of multi-resolution network structures with multi-objective immune algorithm. Applied Soft Computing Journal, 2013, 13, 1705-1717.	4.1	37
97	Deep learning to classify difference image for image change detection. , 2014, , .		37
98	Privacy-enhanced multi-party deep learning. Neural Networks, 2020, 121, 484-496.	3.3	37
99	A Survey on Evolutionary Construction of Deep Neural Networks. IEEE Transactions on Evolutionary Computation, 2021, 25, 894-912.	7.5	37
100	ADAPTIVE RANKS CLONE AND <i>k</i> -NEAREST NEIGHBOR LIST-BASED IMMUNE MULTI-OBJECTIVE OPTIMIZATION. Computational Intelligence, 2010, 26, 359-385.	2.1	36
101	Local Descriptor Learning for Change Detection in Synthetic Aperture Radar Images via Convolutional Neural Networks. IEEE Access, 2019, 7, 15389-15403.	2.6	36
102	Unsupervised Difference Representation Learning for Detecting Multiple Types of Changes in Multitemporal Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2277-2289.	2.7	36
103	Learning the Traditional Art of Chinese Calligraphy via Three-Dimensional Reconstruction and Assessment. IEEE Transactions on Multimedia, 2020, 22, 970-979.	5.2	35
104	A burst-based unsupervised method for detecting review spammer groups. Information Sciences, 2020, 536, 454-469.	4.0	35
105	Preserving differential privacy in deep neural networks with relevance-based adaptive noise imposition. Neural Networks, 2020, 125, 131-141.	3.3	35
106	ADAPTIVE MULTI-OBJECTIVE OPTIMIZATION BASED ON NONDOMINATED SOLUTIONS. Computational Intelligence, 2009, 25, 84-108.	2.1	34
107	Adaptive multifactorial particle swarm optimisation. CAAI Transactions on Intelligence Technology, 2019, 4, 37-46.	3.4	34
108	Graph convolutional networks with multi-level coarsening for graph classification. Knowledge-Based Systems, 2020, 194, 105578.	4.0	34

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109	An Attention-Based Unsupervised Adversarial Model for Movie Review Spam Detection. IEEE Transactions on Multimedia, 2021, 23, 784-796.	5.2	34
110	Image texture classification using a manifold-distance-based evolutionary clustering method. Optical Engineering, 2008, 47, 077201.	0.5	33
111	Immune secondary response and clonal selection inspired optimizers. Progress in Natural Science: Materials International, 2009, 19, 237-253.	1.8	33
112	Enhancing community integrity of networks against multilevel targeted attacks. Physical Review E, 2013, 88, 022810.	0.8	33
113	Fast computing global structural balance in signed networks based on memetic algorithm. Physica A: Statistical Mechanics and Its Applications, 2014, 415, 261-272.	1.2	33
114	Image change detection based on an improved rough fuzzy c-means clustering algorithm. International Journal of Machine Learning and Cybernetics, 2014, 5, 369-377.	2.3	33
115	Discrete particle swarm optimization for high-order graph matching. Information Sciences, 2016, 328, 158-171.	4.0	33
116	Iterative feature mapping network for detecting multiple changes in multi-source remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 146, 38-51.	4.9	33
117	Deep associative neural network for associative memory based on unsupervised representation learning. Neural Networks, 2019, 113, 41-53.	3.3	33
118	Bipartite Differential Neural Network for Unsupervised Image Change Detection. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 876-890.	7.2	33
119	Unsupervised Scale-Driven Change Detection With Deep Spatial Spectral Features for VHR Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5653-5665.	2.7	33
120	Novel heuristic density-based method for community detection in networks. Physica A: Statistical Mechanics and Its Applications, 2014, 403, 71-84.	1.2	32
121	A multiobjective box-covering algorithm for fractal modularity on complex networks. Applied Soft Computing Journal, 2017, 61, 294-313.	4.1	32
122	Decomposition-Based Evolutionary Multiobjective Optimization to Self-Paced Learning. IEEE Transactions on Evolutionary Computation, 2019, 23, 288-302.	7.5	32
123	An efficient bi-convex fuzzy variational image segmentation method. Information Sciences, 2015, 293, 351-369.	4.0	30
124	A Similarity-Based Multiobjective Evolutionary Algorithm for Deployment Optimization of Near Space Communication System. IEEE Transactions on Evolutionary Computation, 2017, 21, 878-897.	7.5	30
125	Sim2vec: Node similarity preserving network embedding. Information Sciences, 2019, 495, 37-51.	4.0	30
126	A Two-Phase Multiobjective Sparse Unmixing Approach for Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 508-523.	2.7	29

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127	A Local Statistical Fuzzy Active Contour Model for Change Detection. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 582-586.	1.4	28
128	Multiobjective Sparse Non-Negative Matrix Factorization. IEEE Transactions on Cybernetics, 2019, 49, 2941-2954.	6.2	28
129	Change-Detection Map Learning Using Matching Pursuit. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4712-4723.	2.7	27
130	Nonparametric Statistical Active Contour Based on Inclusion Degree of Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2016, 24, 1176-1192.	6.5	27
131	An implicit radar convolutional burn index for burnt area mapping with Sentinel-1 C-band SAR data. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 158, 50-62.	4.9	27
132	A Semisupervised GAN-Based Multiple Change Detection Framework in Multi-Spectral Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1223-1227.	1.4	27
133	Structured self-attention architecture for graph-level representation learning. Pattern Recognition, 2020, 100, 107084.	5.1	27
134	Immune algorithm with orthogonal design based initialization, cloning, and selection for global optimization. Knowledge and Information Systems, 2010, 25, 523-549.	2.1	26
135	Two-phase clustering algorithm with density exploring distance measure. CAAI Transactions on Intelligence Technology, 2018, 3, 59-64.	3.4	26
136	Federated matrix factorization for privacy-preserving recommender systems. Applied Soft Computing Journal, 2021, 111, 107700.	4.1	26
137	Clonal Selection Algorithm for Dynamic Multiobjective Optimization. Lecture Notes in Computer Science, 2005, , 846-851.	1.0	26
138	Influence-Aware Attention Networks for Anomaly Detection in Surveillance Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5427-5437.	5.6	26
139	A two-step personalized location recommendation based on multi-objective immune algorithm. Information Sciences, 2019, 475, 161-181.	4.0	25
140	Visual domain adaptation based on modified A distance and sparse filtering. Pattern Recognition, 2020, 104, 107254.	5.1	25
141	A Spectral and Spatial Attention Network for Change Detection in Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	25
142	Unsupervised evolutionary clustering algorithm for mixed type data. , 2010, , .		24
143	Detecting community in attributed networks by dynamically exploring node attributes and topological structure. Knowledge-Based Systems, 2020, 196, 105760.	4.0	24
144	Fast density-weighted low-rank approximation spectral clustering. Data Mining and Knowledge Discovery, 2011, 23, 345-378.	2.4	23

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145	A Novel Clonal Selection Algorithm for Community Detection in Complex Networks. Computational Intelligence, 2015, 31, 442-464.	2.1	23
146	Symmetric All Convolutional Neural-Network-Based Unsupervised Feature Extraction for Hyperspectral Images Classification. IEEE Transactions on Cybernetics, 2022, 52, 2981-2993.	6.2	23
147	Temporal Network Embedding for Link Prediction via VAE Joint Attention Mechanism. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7400-7413.	7.2	23
148	Computational Intelligence in Remote Sensing Image Registration: A survey. International Journal of Automation and Computing, 2021, 18, 1-17.	4.5	23
149	Decomposed POMDP Optimization-Based Sensor Management for Multi-Target Tracking in Passive Multi-Sensor Systems. IEEE Sensors Journal, 2022, 22, 3565-3578.	2.4	23
150	Hybrid immune algorithm with Lamarckian local search for multi-objective optimization. Memetic Computing, 2010, 2, 47-67.	2.7	22
151	A Fuzzy Decomposition-Based Multi/Many-Objective Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2022, 52, 3495-3509.	6.2	22
152	A Coarse-to-Fine Network for Ship Detection in Optical Remote Sensing Images. Remote Sensing, 2020, 12, 246.	1.8	22
153	Clone Selection Algorithm to Solve Preference Multi-Objective Optimization. Ruan Jian Xue Bao/Journal of Software, 2010, 21, 14-33.	0.3	22
154	Building Change Detection for VHR Remote Sensing Images via Local-Global Pyramid Network and Cross-Task Transfer Learning Strategy. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	22
155	Unsupervised change detection in SAR images based on locally fitting model and semi-EM algorithm. International Journal of Remote Sensing, 2014, 35, 621-650.	1.3	21
156	Optimizing dynamical changes of structural balance in signed network based on memetic algorithm. Social Networks, 2016, 44, 64-73.	1.3	21
157	A decomposition-based multi-objective optimization for simultaneous balance computation and transformation in signed networks. Information Sciences, 2017, 378, 144-160.	4.0	21
158	Reliable Link Inference for Network Data With Community Structures. IEEE Transactions on Cybernetics, 2019, 49, 3347-3361.	6.2	21
159	Community Preserving Network Embedding Based on Memetic Algorithm. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 108-118.	3.4	21
160	Decomposition-Based Multiobjective Evolutionary Algorithm for Community Detection in Dynamic Social Networks. Scientific World Journal, The, 2014, 2014, 1-22.	0.8	20
161	Detecting changes of the Yellow River Estuary via SAR images based on a local fit-search model and kernel-induced graph cuts. International Journal of Remote Sensing, 2014, 35, 4009-4030.	1.3	20
162	A coupling translation network for change detection in heterogeneous images. International Journal of Remote Sensing, 2019, 40, 3647-3672.	1.3	20

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163	Self-Supervised Monocular Depth Estimation With Multiscale Perception. IEEE Transactions on Image Processing, 2022, 31, 3251-3266.	6.0	20
164	An improved memetic algorithm for community detection in complex networks. , 2012, , .		19
165	Optimization methods for regularization-based ill-posed problems: a survey and a multi-objective framework. Frontiers of Computer Science, 2017, 11, 362-391.	1.6	19
166	A two-level learning strategy based memetic algorithm for enhancing community robustness of networks. Information Sciences, 2018, 422, 290-304.	4.0	19
167	Change detection in SAR images based on matrix factorisation and a Bayes classifier. International Journal of Remote Sensing, 2019, 40, 1066-1091.	1.3	19
168	Cost-Aware Robust Control of Signed Networks by Using a Memetic Algorithm. IEEE Transactions on Cybernetics, 2020, 50, 4430-4443.	6.2	19
169	A Classified Adversarial Network for Multi-Spectral Remote Sensing Image Change Detection. Remote Sensing, 2020, 12, 2098.	1.8	19
170	Learning smooth representations with generalized softmax for unsupervised domain adaptation. Information Sciences, 2021, 544, 415-426.	4.0	19
171	An Ensemble Surrogate-Based Framework for Expensive Multiobjective Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 631-645.	7.5	19
172	An efficient shortest path approach for social networks based on community structure. CAAI Transactions on Intelligence Technology, 2016, 1, 114-123.	3.4	18
173	A multi-objective optimization framework for ill-posed inverse problems. CAAI Transactions on Intelligence Technology, 2016, 1, 225-240.	3.4	18
174	Evolving Deep Neural Networks via Cooperative Coevolution With Backpropagation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 420-434.	7.2	18
175	Resource allocation model and double-sphere crowding distance for evolutionary multi-objective optimization. European Journal of Operational Research, 2014, 234, 197-208.	3.5	17
176	Global Biological Network Alignment by Using Efficient Memetic Algorithm. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 1117-1129.	1.9	17
177	Self-paced stacked denoising autoencoders based on differential evolution for change detection. Applied Soft Computing Journal, 2018, 71, 698-714.	4.1	17
178	Differential Evolutionary Multi-task Optimization. , 2019, , .		17
179	Differential privacy preservation in regression analysis based on relevance. Knowledge-Based Systems, 2019, 173, 140-149.	4.0	17
180	Local distinguishability aggrandizing network for human anomaly detection. Neural Networks, 2020, 122, 364-373.	3.3	17

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181	Collaborative representation with curriculum classifier boosting for unsupervised domain adaptation. <i>Pattern Recognition</i> , 2021, 113, 107802.	5.1	17
182	Decomposition based multiobjective evolutionary algorithm for collaborative filtering recommender systems. , 2014, , .		16
183	An efficient automatic SAR image segmentation framework in AIS using kernel clustering index and histogram statistics. <i>Applied Soft Computing Journal</i> , 2014, 16, 63-79.	4.1	16
184	Fuzzy clustering with non-local information for image segmentation. <i>International Journal of Machine Learning and Cybernetics</i> , 2014, 5, 845-859.	2.3	16
185	Detecting composite communities in multiplex networks: A multilevel memetic algorithm. <i>Swarm and Evolutionary Computation</i> , 2018, 39, 177-191.	4.5	16
186	A Sparse Representation-Based Sample Pseudo-Labeling Method for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2020, 12, 664.	1.8	16
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