

# Maoguo Gong

## List of Publications by Citations

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329  
papers

9,775  
citations

51  
h-index

88  
g-index

364  
ext. papers

12,180  
ext. citations

6.1  
avg, IF

6.92  
L-index

#	Paper	IF	Citations
329	Fuzzy C-means clustering with local information and kernel metric for image segmentation. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 573-84	8.7	374
328	Change detection in synthetic aperture radar images based on image fusion and fuzzy clustering. <i>IEEE Transactions on Image Processing</i> , <b>2012</b> , 21, 2141-51	8.7	367
327	Multiobjective immune algorithm with nondominated neighbor-based selection. <i>Evolutionary Computation</i> , <b>2008</b> , 16, 225-55	4.3	349
326	Change Detection in Synthetic Aperture Radar Images Based on Deep Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 125-38	10.3	339
325	Complex Network Clustering by Multiobjective Discrete Particle Swarm Optimization Based on Decomposition. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2014</b> , 18, 82-97	15.6	262
324	Fuzzy Clustering With a Modified MRF Energy Function for Change Detection in Synthetic Aperture Radar Images. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 98-109	8.3	200
323	A Deep Convolutional Coupling Network for Change Detection Based on Heterogeneous Optical and Radar Images. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 545-559	10.3	193
322	A Novel Coarse-to-Fine Scheme for Automatic Image Registration Based on SIFT and Mutual Information. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2014</b> , 52, 4328-4338	8.1	191
321	A Multiobjective Evolutionary Algorithm Based on Decision Variable Analyses for Multiobjective Optimization Problems With Large-Scale Variables. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2016</b> , 20, 275-298	15.6	179
320	Change detection based on deep feature representation and mapping transformation for multi-spatial-resolution remote sensing images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2016</b> , 116, 24-41	11.8	175
319	A Novel Point-Matching Algorithm Based on Fast Sample Consensus for Image Registration. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 43-47	4.1	170
318	Community detection in networks by using multiobjective evolutionary algorithm with decomposition. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2012</b> , 391, 4050-4060	3.3	169
317	Spectral Clustering Ensemble Applied to SAR Image Segmentation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2008</b> , 46, 2126-2136	8.1	159
316	Adaptive Replacement Strategies for MOEA/D. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 474-86	10.2	151
315	Memetic algorithm for community detection in networks. <i>Physical Review E</i> , <b>2011</b> , 84, 056101	2.4	150
314	Remote Sensing Image Registration With Modified SIFT and Enhanced Feature Matching. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2017</b> , 14, 3-7	4.1	142
313	Position-Patch Based Face Hallucination Using Convex Optimization. <i>IEEE Signal Processing Letters</i> , <b>2011</b> , 18, 367-370	3.2	135

312	A Multiobjective Sparse Feature Learning Model for Deep Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 3263-77	10.3	130
311	A Neighborhood-Based Ratio Approach for Change Detection in SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2012</b> , 9, 307-311	4.1	129
310	Feature learning and change feature classification based on deep learning for ternary change detection in SAR images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2017</b> , 129, 212-225	11.8	121
309	Superpixel-Based Difference Representation Learning for Change Detection in Multispectral Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 2658-2673	8.1	112
308	Influence maximization in social networks based on discrete particle swarm optimization. <i>Information Sciences</i> , <b>2016</b> , 367-368, 600-614	7.7	101
307	Constrained Subproblems in a Decomposition-Based Multiobjective Evolutionary Algorithm. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2016</b> , 20, 475-480	15.6	99
306	SAR Image Despeckling Based on Local Homogeneous-Region Segmentation by Using Pixel-Relativity Measurement. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2011</b> , 49, 2724-2737	8.1	96
305	Unsupervised Band Selection Based on Evolutionary Multiobjective Optimization for Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 544-557	8.1	95
304	An Evolutionary Multiobjective Approach to Sparse Reconstruction. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2014</b> , 18, 827-845	15.6	93
303	Quantum-inspired immune clonal algorithm for global optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 1234-53		92
302	Research on Evolutionary Multi-Objective Optimization Algorithms. <i>Ruan Jian Xue Bao/Journal of Software</i> , <b>2009</b> , 20, 271-289		91
301	Feature-Level Change Detection Using Deep Representation and Feature Change Analysis for Multispectral Imagery. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2016</b> , 13, 1666-1670	4.1	83
300	Multi-level learning based memetic algorithm for community detection. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 19, 121-133	7.5	83
299	Personalized Recommendation Based on Evolutionary Multi-Objective Optimization [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , <b>2015</b> , 10, 52-62	5.6	79
298	Greedy discrete particle swarm optimization for large-scale social network clustering. <i>Information Sciences</i> , <b>2015</b> , 316, 503-516	7.7	78
297	Wavelet Fusion on Ratio Images for Change Detection in SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2012</b> , 9, 1122-1126	4.1	74
296	Coupled Dictionary Learning for Change Detection From Multisource Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 7077-7091	8.1	73
295	Baldwinian learning in clonal selection algorithm for optimization. <i>Information Sciences</i> , <b>2010</b> , 180, 1218-1236	7.7	73

294	Quantum-behaved discrete multi-objective particle swarm optimization for complex network clustering. <i>Pattern Recognition</i> , <b>2017</b> , 63, 1-14	7.7	72
293	A survey on network community detection based on evolutionary computation. <i>International Journal of Bio-Inspired Computation</i> , <b>2016</b> , 8, 84	2.9	68
292	Generative Adversarial Networks for Change Detection in Multispectral Imagery. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2017</b> , 14, 2310-2314	4.1	66
291	A Conditional Adversarial Network for Change Detection in Heterogeneous Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 45-49	4.1	66
290	Tag-aware recommender systems based on deep neural networks. <i>Neurocomputing</i> , <b>2016</b> , 204, 51-60	5.4	65
289	Unsupervised Feature Extraction in Hyperspectral Images Based on Wasserstein Generative Adversarial Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 2669-2688	8.1	62
288	Structure Learning for Deep Neural Networks Based on Multiobjective Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 2450-2463	10.3	59
287	A Multiobjective Cooperative Coevolutionary Algorithm for Hyperspectral Sparse Unmixing. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2017</b> , 21, 234-248	15.6	59
286	Evolutionary Multitasking With Dynamic Resource Allocating Strategy. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 858-869	15.6	58
285	Discrete particle swarm optimization for identifying community structures in signed social networks. <i>Neural Networks</i> , <b>2014</b> , 58, 4-13	9.1	57
284	An Efficient Memetic Algorithm for Influence Maximization in Social Networks. <i>IEEE Computational Intelligence Magazine</i> , <b>2016</b> , 11, 22-33	5.6	56
283	Unsupervised Hyperspectral Band Selection by Fuzzy Clustering With Particle Swarm Optimization. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2017</b> , 14, 773-777	4.1	55
282	Artificial immune multi-objective SAR image segmentation with fused complementary features. <i>Information Sciences</i> , <b>2011</b> , 181, 2797-2812	7.7	55
281	Multi-objective optimization for long tail recommendation. <i>Knowledge-Based Systems</i> , <b>2016</b> , 104, 145-155	5.3	54
280	Natural and Remote Sensing Image Segmentation Using Memetic Computing. <i>IEEE Computational Intelligence Magazine</i> , <b>2010</b> , 5, 78-91	5.6	54
279	Community Detection in Dynamic Social Networks Based on Multiobjective Immune Algorithm. <i>Journal of Computer Science and Technology</i> , <b>2012</b> , 27, 455-467	1.7	53
278	Multi-Task Network Representation Learning. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 1	5.1	51
277	Discriminative Feature Learning for Unsupervised Change Detection in Heterogeneous Images Based on a Coupled Neural Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 7066-7080	8.1	51

276	SAR change detection based on intensity and texture changes. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2014</b> , 93, 123-135	11.8	50
275	Fast affinity propagation clustering: A multilevel approach. <i>Pattern Recognition</i> , <b>2012</b> , 45, 474-486	7.7	50
274	Self-Regulated Evolutionary Multitask Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2020</b> , 24, 16-28	15.6	50
273	Enhancing robustness of coupled networks under targeted recoveries. <i>Scientific Reports</i> , <b>2015</b> , 5, 8439	4.9	48
272	Overlapping community detection via network dynamics. <i>Physical Review E</i> , <b>2012</b> , 85, 016115	2.4	46
271	A Clustering-Based Evolutionary Algorithm for Many-Objective Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 391-405	15.6	45
270	An efficient negative selection algorithm with further training for anomaly detection. <i>Knowledge-Based Systems</i> , <b>2012</b> , 30, 185-191	7.3	45
269	A Generative Discriminatory Classified Network for Change Detection in Multispectral Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 321-333	4.7	45
268	A bi-level belief rule based decision support system for diagnosis of lymph node metastasis in gastric cancer. <i>Knowledge-Based Systems</i> , <b>2013</b> , 54, 128-136	7.3	44
267	Automatic Tobacco Plant Detection in UAV Images via Deep Neural Networks. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 876-887	4.7	42
266	PSOSAC: Particle Swarm Optimization Sample Consensus Algorithm for Remote Sensing Image Registration. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2018</b> , 15, 242-246	4.1	42
265	Interactive MOEA/D for multi-objective decision making <b>2011</b> ,		42
264	A multiobjective fuzzy clustering method for change detection in SAR images. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 46, 767-777	7.5	41
263	Novel fuzzy active contour model with kernel metric for image segmentation. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 34, 301-311	7.5	40
262	Robust non-local fuzzy c-means algorithm with edge preservation for SAR image segmentation. <i>Signal Processing</i> , <b>2013</b> , 93, 487-499	4.4	40
261	A population-based artificial immune system for numerical optimization. <i>Neurocomputing</i> , <b>2008</b> , 72, 149-161	5.1	39
260	Unsupervised Hyperspectral Image Band Selection via Column Subset Selection. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 1411-1415	4.1	38
259	Multi-objective immune algorithm with Baldwinian learning. <i>Applied Soft Computing Journal</i> , <b>2012</b> , 12, 2654-2674	7.5	37

258	NNIA-RS: A multi-objective optimization based recommender system. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 424, 383-397	3.3	35
257	Multi-objective evolutionary fuzzy clustering for image segmentation with MOEA/D. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 48, 621-637	7.5	35
256	Network Structural Balance Based on Evolutionary Multiobjective Optimization: A Two-Step Approach. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2015</b> , 19, 903-916	15.6	34
255	Difference representation learning using stacked restricted Boltzmann machines for change detection in SAR images. <i>Soft Computing</i> , <b>2016</b> , 20, 4645-4657	3.5	34
254	Unsupervised Classification of Fully Polarimetric SAR Images Based on Scattering Power Entropy and Copolarized Ratio. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2013</b> , 10, 622-626	4.1	34
253	ADAPTIVE RANKS CLONE AND k-NEAREST NEIGHBOR LISTBASED IMMUNE MULTI-OBJECTIVE OPTIMIZATION. <i>Computational Intelligence</i> , <b>2010</b> , 26, 359-385	2.5	34
252	Log-Based Transformation Feature Learning for Change Detection in Heterogeneous Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2018</b> , 15, 1352-1356	4.1	34
251	A Survey on Differentially Private Machine Learning [Review Article]. <i>IEEE Computational Intelligence Magazine</i> , <b>2020</b> , 15, 49-64	5.6	33
250	Identification of multi-resolution network structures with multi-objective immune algorithm. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 1705-1717	7.5	33
249	Spectral clustering with eigenvector selection based on entropy ranking. <i>Neurocomputing</i> , <b>2010</b> , 73, 1704-1717	3.4	33
248	Evolutionary Multitasking Sparse Reconstruction: Framework and Case Study. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 733-747	15.6	33
247	A memetic algorithm for computing and transforming structural balance in signed networks. <i>Knowledge-Based Systems</i> , <b>2015</b> , 85, 196-209	7.3	31
246	Novel heuristic density-based method for community detection in networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 403, 71-84	3.3	31
245	Clonal Selection with Immune Dominance and Anergy Based Multiobjective Optimization. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 474-489	0.9	31
244	Hyperspectral band selection based on multi-objective optimization with high information and low redundancy. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 70, 604-621	7.5	30
243	Deep learning and mapping based ternary change detection for information unbalanced images. <i>Pattern Recognition</i> , <b>2017</b> , 66, 213-228	7.7	29
242	An efficient bi-convex fuzzy variational image segmentation method. <i>Information Sciences</i> , <b>2015</b> , 293, 351-369	7.7	28
241	Image change detection based on an improved rough fuzzy c-means clustering algorithm. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2014</b> , 5, 369-377	3.8	28

240	ADAPTIVE MULTI-OBJECTIVE OPTIMIZATION BASED ON NONDOMINATED SOLUTIONS. <i>Computational Intelligence</i> , <b>2009</b> , 25, 84-108	2.5	28
239	Image texture classification using a manifold-distance-based evolutionary clustering method. <i>Optical Engineering</i> , <b>2008</b> , 47, 077201	1.1	28
238	Optimal approximation of linear systems by artificial immune response. <i>Science in China Series F: Information Sciences</i> , <b>2006</b> , 49, 63-79		28
237	Enhancing community integrity of networks against multilevel targeted attacks. <i>Physical Review E</i> , <b>2013</b> , 88, 022810	2.4	26
236	Adaptive multifactorial particle swarm optimisation. <i>CAAI Transactions on Intelligence Technology</i> , <b>2019</b> , 4, 37-46	9.7	25
235	Learning to Map Social Network Users by Unified Manifold Alignment on Hypergraph. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 5834-5846	10.3	25
234	A multiobjective box-covering algorithm for fractal modularity on complex networks. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 61, 294-313	7.5	25
233	Immune secondary response and clonal selection inspired optimizers. <i>Progress in Natural Science: Materials International</i> , <b>2009</b> , 19, 237-253	3.6	25
232	Discrete particle swarm optimization for high-order graph matching. <i>Information Sciences</i> , <b>2016</b> , 328, 158-171	7.7	24
231	A Local Statistical Fuzzy Active Contour Model for Change Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 582-586	4.1	24
230	A Two-Phase Multiobjective Sparse Unmixing Approach for Hyperspectral Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 508-523	8.1	24
229	Community discovery in networks with deep sparse filtering. <i>Pattern Recognition</i> , <b>2018</b> , 81, 50-59	7.7	24
228	Deep learning to classify difference image for image change detection <b>2014</b> ,		24
227	Unsupervised Difference Representation Learning for Detecting Multiple Types of Changes in Multitemporal Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 2277-2289	8.1	24
226	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2015</b> , 53, 4712-4723	8.1	23
225	Fast computing global structural balance in signed networks based on memetic algorithm. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 415, 261-272	3.3	23
224	Immune algorithm with orthogonal design based initialization, cloning, and selection for global optimization. <i>Knowledge and Information Systems</i> , <b>2010</b> , 25, 523-549	2.4	23
223	Local Descriptor Learning for Change Detection in Synthetic Aperture Radar Images via Convolutional Neural Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 15389-15403	3.5	23

222	HetNERec: Heterogeneous network embedding based recommendation. <i>Knowledge-Based Systems</i> , <b>2020</b> , 204, 106218	7.3	22
221	Preventing epidemic spreading in networks by community detection and memetic algorithm. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 89, 106118	7.5	22
220	Multi-objective optimization for location-based and preferences-aware recommendation. <i>Information Sciences</i> , <b>2020</b> , 513, 614-626	7.7	22
219	Multimodal Multiobjective Evolutionary Optimization With Dual Clustering in Decision and Objective Spaces. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2021</b> , 25, 130-144	15.6	22
218	Fast density-weighted low-rank approximation spectral clustering. <i>Data Mining and Knowledge Discovery</i> , <b>2011</b> , 23, 345-378	5.6	21
217	A Similarity-Based Multiobjective Evolutionary Algorithm for Deployment Optimization of Near Space Communication System. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2017</b> , 21, 878-897	15.6	20
216	Two-phase clustering algorithm with density exploring distance measure. <i>CAAI Transactions on Intelligence Technology</i> , <b>2018</b> , 3, 59-64	9.7	20
215	Unsupervised evolutionary clustering algorithm for mixed type data <b>2010</b> ,		20
214	Hybrid immune algorithm with Lamarckian local search for multi-objective optimization. <i>Memetic Computing</i> , <b>2010</b> , 2, 47-67	3.4	20
213	Iterative feature mapping network for detecting multiple changes in multi-source remote sensing images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2018</b> , 146, 38-51	11.8	20
212	Unsupervised Scale-Driven Change Detection With Deep Spatial Spectral Features for VHR Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 5653-5665	8.1	19
211	Decomposition-Based Evolutionary Multiobjective Optimization to Self-Paced Learning. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 288-302	15.6	19
210	Clone Selection Algorithm to Solve Preference Multi-Objective Optimization. <i>Ruan Jian Xue Bao/Journal of Software</i> , <b>2010</b> , 21, 14-33		19
209	A two-step personalized location recommendation based on multi-objective immune algorithm. <i>Information Sciences</i> , <b>2019</b> , 475, 161-181	7.7	19
208	Bipartite Differential Neural Network for Unsupervised Image Change Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 876-890	10.3	19
207	A burst-based unsupervised method for detecting review spammer groups. <i>Information Sciences</i> , <b>2020</b> , 536, 454-469	7.7	18
206	Nonparametric Statistical Active Contour Based on Inclusion Degree of Fuzzy Sets. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 1176-1192	8.3	18
205	Clonal Selection Algorithm for Dynamic Multiobjective Optimization. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 846-851	0.9	18



204	Sim2vec: Node similarity preserving network embedding. <i>Information Sciences</i> , <b>2019</b> , 495, 37-51	7.7	17
203	A two-level learning strategy based memetic algorithm for enhancing community robustness of networks. <i>Information Sciences</i> , <b>2018</b> , 422, 290-304	7.7	17
202	A decomposition-based multi-objective optimization for simultaneous balance computation and transformation in signed networks. <i>Information Sciences</i> , <b>2017</b> , 378, 144-160	7.7	17
201	MGAT: Multi-view Graph Attention Networks. <i>Neural Networks</i> , <b>2020</b> , 132, 180-189	9.1	17
200	Graph convolutional networks with multi-level coarsening for graph classification. <i>Knowledge-Based Systems</i> , <b>2020</b> , 194, 105578	7.3	16
199	Optimizing dynamical changes of structural balance in signed network based on memetic algorithm. <i>Social Networks</i> , <b>2016</b> , 44, 64-73	3.9	16
198	An implicit radar convolutional burn index for burnt area mapping with Sentinel-1 C-band SAR data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2019</b> , 158, 50-62	11.8	16
197	Unsupervised change detection in SAR images based on locally fitting model and semi-EM algorithm. <i>International Journal of Remote Sensing</i> , <b>2014</b> , 35, 621-650	3.1	16
196	A Novel Clonal Selection Algorithm for Community Detection in Complex Networks. <i>Computational Intelligence</i> , <b>2015</b> , 31, 442-464	2.5	16
195	Decomposition-based multiobjective evolutionary algorithm for community detection in dynamic social networks. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 402345	2.2	16
194	A Coarse-to-Fine Network for Ship Detection in Optical Remote Sensing Images. <i>Remote Sensing</i> , <b>2020</b> , 12, 246	5	15
193	A multi-objective optimization framework for ill-posed inverse problems. <i>CAAI Transactions on Intelligence Technology</i> , <b>2016</b> , 1, 225-240	9.7	15
192	Self-paced stacked denoising autoencoders based on differential evolution for change detection. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 71, 698-714	7.5	15
191	Multiobjective Sparse Non-Negative Matrix Factorization. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2941-2954	10.2	15
190	A Semisupervised GAN-Based Multiple Change Detection Framework in Multi-Spectral Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2020</b> , 17, 1223-1227	4.1	15
189	Structured self-attention architecture for graph-level representation learning. <i>Pattern Recognition</i> , <b>2020</b> , 100, 107084	7.7	15
188	Commonality Autoencoder: Learning Common Features for Change Detection From Heterogeneous Images. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	15
187	Deep associative neural network for associative memory based on unsupervised representation learning. <i>Neural Networks</i> , <b>2019</b> , 113, 41-53	9.1	14

186	An efficient automatic SAR image segmentation framework in AIS using kernel clustering index and histogram statistics. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 16, 63-79	7.5	14
185	Fuzzy clustering with non-local information for image segmentation. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2014</b> , 5, 845-859	3.8	14
184	An efficient shortest path approach for social networks based on community structure. <i>CAAI Transactions on Intelligence Technology</i> , <b>2016</b> , 1, 114-123	9.7	14
183	. <i>IEEE Transactions on Multimedia</i> , <b>2020</b> , 22, 970-979	6.6	14
182	Detecting changes of the Yellow River Estuary via SAR images based on a local fit-search model and kernel-induced graph cuts. <i>International Journal of Remote Sensing</i> , <b>2014</b> , 35, 4009-4030	3.1	13
181	Resource allocation model and double-sphere crowding distance for evolutionary multi-objective optimization. <i>European Journal of Operational Research</i> , <b>2014</b> , 234, 197-208	5.6	13
180	Optimization methods for regularization-based ill-posed problems: a survey and a multi-objective framework. <i>Frontiers of Computer Science</i> , <b>2017</b> , 11, 362-391	2.2	13
179	Decomposition based multiobjective evolutionary algorithm for collaborative filtering recommender systems <b>2014</b> ,		13
178	Reliable Link Inference for Network Data With Community Structures. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 3347-3361	10.2	13
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82	Differential evolution algorithm with learning selection strategy for SAR image change detection <b>2017</b> ,		2
81	Multi-objective endmember extraction for hyperspectral images <b>2017</b> ,		2
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76	An artificial immune system algorithm for CDMA multiuser detection over multi-path channels <b>2005</b> ,		2
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51	Large-scale optimization using immune algorithm <b>2009,</b>		1
50	A effective immune multi-objective algorithm for SAR imagery segmentation <b>2009,</b>		1
49	Improved Clonal Selection Algorithm based on Lamarckian Local Search Technique <b>2008,</b>		1
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45	Multiobjective multitasking optimization assisted by multidirectional prediction method. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	1
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38	New Optical Flow Approach for Motion Segmentation Based on Gamma Distribution. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 444-453	0.9	1
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35	Change Detection in Remote Sensing Images Based on Clonal Selection Algorithm. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 467-472	0.3	1
34	Nearest-neighbour Joint Probabilistic Data Association Filter Based on Random Finite Set <b>2019</b> ,		1
33	Distributed Multi-Objective Community Detection in Large-Scale and Complex Networks <b>2019</b> ,		1
32	A Novel Deep Framework for Change Detection of Multi-source Heterogeneous Images <b>2019</b> ,		1
31	Propagation Enhanced Neural Message Passing for Graph Representation Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	1
30	Transfer Learning-Based Bilinear Convolutional Networks for Unsupervised Change Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	1
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16	Graph embedding via multi-scale graph representations. <i>Information Sciences</i> , <b>2021</b> , 578, 102-102	7.7	0
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9	Network Robustness Analytics with Optimization <b>2017</b> , 201-228		0
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7	Clonal Selection Algorithm Based on Anti-Idiotypic. <i>Ruan Jian Xue Bao/Journal of Software</i> , <b>2010</b> , 20, 1269-1281		0

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