Chao Gao

List of Publications by Year
in descending order

218 papers	10,764 citations	136950 32 h-index	37204 96 g-index
225 all docs	225 docs citations	225 times ranked	11672 citing authors

#	Article	IF	Citations
1	A Novel Representation Learning for Dynamic Graphs Based on Graph Convolutional Networks. IEEE Transactions on Cybernetics, 2023, 53, 3599-3612.	9.5	30
2	Complex brain activity analysis and recognition based on multiagent methods. Concurrency Computation Practice and Experience, 2022, 34, e5855.	2.2	2
3	Evolutionary Markov Dynamics for Network Community Detection. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1206-1220.	5.7	52
4	Large-Scale Affine Matrix Rank Minimization With a Novel Nonconvex Regularizer. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4661-4675.	11.3	21
5	Dynamic Robustness Analysis of a Two-Layer Rail Transit Network Model. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6509-6524.	8.0	48
6	Community Detection in Graph: An Embedding Method. IEEE Transactions on Network Science and Engineering, 2022, 9, 689-702.	6.4	18
7	Locating Multi-Sources in Social Networks With a Low Infection Rate. IEEE Transactions on Network Science and Engineering, 2022, 9, 1853-1865.	6.4	32
8	A Discrete Moth-Flame Optimization With an l_2-Norm Constraint for Network Clustering. IEEE Transactions on Network Science and Engineering, 2022, 9, 1776-1788.	6.4	3
9	Optimal resource allocation with spatiotemporal transmission discovery for effective disease control. Infectious Diseases of Poverty, 2022, 11, 34.	3.7	10
10	Data-driven behavioral analysis and applications: A case study in Changchun, China. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127164.	2.6	2
11	A Rapid Source Localization Method in the Early Stage of Large-scale Network Propagation. , 2022, , .		27
12	Dynamic community detection over evolving networks based on the optimized deep graph infomax. Chaos, 2022, 32, .	2.5	3
13	Robustness Evaluation of Multipartite Complex Networks Based on Percolation Theory. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6244-6257.	9.3	13
14	Enhanced Self-node Weights Based Graph Convolutional Networks for Passenger Flow Prediction. Lecture Notes in Computer Science, 2021, , 262-274.	1.3	0
15	Medication Combination Prediction Using Temporal Attention Mechanism and Simple Graph Convolution. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3995-4004.	6.3	9
16	Accessing the syndemic of COVID-19 and malaria intervention in Africa. Infectious Diseases of Poverty, 2021, 10, 5.	3.7	15
17	A Semi-supervised Multi-objective Evolutionary Algorithm for Multi-layer Network Community Detection. Lecture Notes in Computer Science, 2021, , 179-190.	1.3	2
18	Hybrid Embedding via Cross-Layer Random Walks on Multiplex Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1815-1827.	6.4	1

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19	Uncovering transmission patterns of COVID-19 outbreaks: A region-wide comprehensive retrospective study in Hong Kong. EClinicalMedicine, 2021, 36, 100929.	7.1	20
20	A new nature-inspired optimization for community discovery in complex networks. European Physical Journal B, 2021, 94, 1.	1.5	2
21	TW-TGNN: Two Windows Graph-Based Model for Text Classification. , 2021, , .		2
22	Multi-objective optimization for community detection in multilayer networks. Europhysics Letters, 2021, 135, 18001.	2.0	5
23	Unsupervised Dynamic Network Embedding Using Global Information. , 2021, , .		1
24	Assessing temporal–spatial characteristics of urban travel behaviors from multiday smart-card data. Physica A: Statistical Mechanics and Its Applications, 2021, 576, 126058.	2.6	18
25	DeepDRIM: a deep neural network to reconstruct cell-type-specific gene regulatory network using single-cell RNA-seq data. Briefings in Bioinformatics, 2021, 22, .	6.5	28
26	Identification of Critical Nodes in Urban Transportation Network Through Network Topology and Server Routes. Lecture Notes in Computer Science, 2021, , 395-407.	1.3	1
27	LenC: A Redundancy-Aware Length Control Framework for Extractive Summarization. , 2021, , .		0
28	Unsupervised community detection in attributed networks based on mutual information maximization. New Journal of Physics, 2021, 23, 113016.	2.9	5
29	Motif-aware diffusion network inference. International Journal of Data Science and Analytics, 2020, 9, 375-387.	4.1	5
30	Identifying Key Opinion Leaders in Social Media via Modality-Consistent Harmonized Discriminant Embedding. IEEE Transactions on Cybernetics, 2020, 50, 717-728.	9.5	15
31	On the Robustness of Complex Systems With Multipartitivity Structures Under Node Attacks. IEEE Transactions on Control of Network Systems, 2020, 7, 106-117.	3.7	9
32	An evolutionary autoencoder for dynamic community detection. Science China Information Sciences, 2020, 63, 1.	4.3	25
33	Inference and prediction of malaria transmission dynamics using time series data. Infectious Diseases of Poverty, 2020, 9, 95.	3.7	6
34	Emergence of nonlinear crossover under epidemic dynamics in heterogeneous networks. Physical Review E, 2020, 102, 052311.	2.1	11
35	How to Optimize the Supply and Allocation of Medical Emergency Resources During Public Health Emergencies. Frontiers in Physics, 2020, 8, .	2.1	10
36	Accelerated inexact matrix completion algorithm via closed-form q-thresholding $(q = 1/2, 2/3)$ operator. International Journal of Machine Learning and Cybernetics, 2020, 11, 2327-2339.	3.6	9

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37	An adaptive population control framework for ACO-based community detection. Chaos, Solitons and Fractals, 2020, 138, 109886.	5.1	8
38	Dynamic Robustness Analysis for Subway Network With Spatiotemporal Characteristic of Passenger Flow. IEEE Access, 2020, 8, 45544-45555.	4.2	20
39	What are the underlying transmission patterns of COVID-19 outbreak? An age-specific social contact characterization. EClinicalMedicine, 2020, 22, 100354.	7.1	118
40	Culture versus Policy: More Global Collaboration to Effectively Combat COVID-19. Innovation(China), 2020, 1, 100023.	9.1	32
41	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.	2.8	48
42	Discerning Influential Spreaders in Complex Networks by Accounting the Spreading Heterogeneity of the Nodes. IEEE Access, 2019, 7, 92070-92078.	4.2	11
43	Physarum inspires research beyond biomimetic algorithms. Physics of Life Reviews, 2019, 29, 51-54.	2.8	3
44	Community detection in temporal networks via a spreading process. Europhysics Letters, 2019, 126, 48001.	2.0	24
45	Inter-urban mobility via cellular position tracking in the southeast Songliao Basin, Northeast China. Scientific Data, 2019, 6, 71.	5.3	5
46	Modeling Influence Diffusion over Signed Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	11
47	Mining Spatiotemporal Diffusion Network: A New Framework of Active Surveillance Planning. IEEE Access, 2019, 7, 108458-108473.	4.2	14
48	Unifying Structural Proximity and Equivalence for Network Embedding. IEEE Access, 2019, 7, 106124-106138.	4.2	14
49	A New Evolutionary Multiobjective Model for Traveling Salesman Problem. IEEE Access, 2019, 7, 66964-66979.	4.2	30
50	Incorporating causal factors into reinforcement learning for dynamic treatment regimes in HIV. BMC Medical Informatics and Decision Making, 2019, 19, 60.	3.0	13
51	Simulating Transport Networks With a <italic>Physarum</italic> Foraging Model. IEEE Access, 2019, 7, 23725-23739.	4.2	3
52	Inverse reinforcement learning for intelligent mechanical ventilation and sedative dosing in intensive care units. BMC Medical Informatics and Decision Making, 2019, 19, 57.	3.0	32
53	Identifying Multiple Influential Users Based on the Overlapping Influence in Multiplex Networks. IEEE Access, 2019, 7, 156150-156159.	4.2	5
54	Dynamic Community Detection Based on a Label-Based Swarm Intelligence. IEEE Access, 2019, 7, 161641-161653.	4.2	9

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55	Deep Inverse Reinforcement Learning for Sepsis Treatment. , 2019, , .		18
56	A Label-Based Nature Heuristic Algorithm for Dynamic Community Detection. Lecture Notes in Computer Science, 2019, , 621-632.	1.3	4
57	Even central users do not always drive information diffusion. Communications of the ACM, 2019, 62, 61-67.	4.5	49
58	A New Multi-objective Evolution Model for Community Detection in Multi-layer Networks. Lecture Notes in Computer Science, 2019, , 197-208.	1.3	3
59	Heterogeneity-Oriented Immunization Strategy on Multiplex Networks. Lecture Notes in Computer Science, 2019, , 678-690.	1.3	0
60	A Hybrid Algorithm for Estimating Origin-Destination Flows. IEEE Access, 2018, 6, 677-687.	4.2	35
61	Network-based transportation system analysis: A case study in a mountain city. Chaos, Solitons and Fractals, 2018, 107, 256-265.	5.1	25
62	Inferring infection rate based on observations in complex networks. Chaos, Solitons and Fractals, 2018, 107, 170-176.	5.1	3
63	A hybrid strategy for network immunization. Chaos, Solitons and Fractals, 2018, 106, 214-219.	5.1	26
64	Semi-Supervised Ensemble Clustering Based on Selected Constraint Projection. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2394-2407.	5.7	46
65	Optimally estimating the sample mean from the sample size, median, mid-range, and/or mid-quartile range. Statistical Methods in Medical Research, 2018, 27, 1785-1805.	1.5	1,687
66	Network Community Detection Based on the <italic>Physarum</italic>-Inspired Computational Framework. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1916-1928.	3.0	38
67	Multi-Modal Media Retrieval via Distance Metric Learning for Potential Customer Discovery. , 2018, , .		1
68	A Novel Thresholding Algorithm for Image Deblurring Beyond Nesterovâ€™s Rule. IEEE Access, 2018, 6, 58119-58131.	4.2	4
69	An interview with Professor Raj Reddy on Web Intelligence (WI) and Computational Social Science (CSS). Web Intelligence, 2018, 16, 143-146.	0.2	5
70	Identifying key bird species and geographical hotspots of avian influenza A (H7N9) virus in China. Infectious Diseases of Poverty, 2018, 7, 97.	3.7	7
71	Public Health Surveillance with Incomplete Data â€" Spatio-Temporal Imputation for Inferring Infectious Disease Dynamics. , 2018, , .		1
72	Measuring the Diversity and Dynamics of Mobility Patterns Using Smart Card Data. Lecture Notes in Computer Science, 2018, , 438-451.	1.3	1

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73	Solving Vehicle Routing Problem Through a Tabu Bee Colony-Based Genetic Algorithm. Lecture Notes in Computer Science, 2018, , 191-200.	1.3	1
74	Multiobjective discrete particle swarm optimization for community detection in dynamic networks. Europhysics Letters, 2018, 122, 28001.	2.0	25
75	Nature-Inspired Computational Model for Solving Bi-objective Traveling Salesman Problems. Lecture Notes in Computer Science, 2018, , 219-227.	1.3	1
76	The temporal network of mobile phone users in Changchun Municipality, Northeast China. Scientific Data, 2018, 5, 180228.	5.3	6
77	Solving NP-Hard Problems with <italic>Physarum</italic>-Based Ant Colony System. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 108-120.	3.0	66
78	A new multi-agent system to simulate the foraging behaviors of Physarum. Natural Computing, 2017, 16, 15-29.	3.0	27
79	A new genetic algorithm based on modified Physarum network model for bandwidth-delay constrained least-cost multicast routing. Natural Computing, 2017, 16, 85-98.	3.0	13
80	A comparative study on swarm intelligence for structure learning of Bayesian networks. Soft Computing, 2017, 21, 6713-6738.	3.6	11
81	Network-Based Modeling for Characterizing Human Collective Behaviors During Extreme Events. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 171-183.	9.3	80
82	Adaptive Ensembling of Semi-Supervised Clustering Solutions. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1577-1590.	5.7	47
83	Reasoning human emotional responses from large-scale social and public media. Applied Mathematics and Computation, 2017, 310, 182-193.	2.2	54
84	A hybrid evolutionary algorithm for community detection. , 2017, , .		3
85	A Physarum-inspired optimization algorithm for load-shedding problem. Applied Soft Computing Journal, 2017, 61, 239-255.	7.2	28
86	Extracting sample data based on poisson distribution. , 2017, , .		6
87	A novel pheromone initialization strategy of ACO algorithms for solving TSP. , 2017, , .		4
88	Systems thinking in combating infectious diseases. Infectious Diseases of Poverty, 2017, 6, 144.	3.7	15
89	An Enhanced Particle Swarm Optimization Based on Physarum Model for Community Detection. Lecture Notes in Computer Science, 2017, , 99-108.	1.3	2
90	An Enhanced Markov Clustering Algorithm Based on Physarum. Lecture Notes in Computer Science, 2017, , 486-498.	1.3	1

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91	Multi-Objective Ant Colony Optimization Based on the Physarum-Inspired Mathematical Model for Bi-Objective Traveling Salesman Problems. PLoS ONE, 2016, 11, e0146709.	2.5	15
92	Complex social network partition for balanced subnetworks. , 2016, , .		1
93	A novel source locating strategy without consistent assumptions. , 2016, , .		0
94	Super-Spreader Identification Using Meta-Centrality. Scientific Reports, 2016, 6, 38994.	3.3	23
95	A bio-inspired method for locating the diffusion source with limited observers. , 2016, , .		1
96	Adaptive noise immune cluster ensemble using affinity propagation. , 2016, , .		1
97	A bio-inspired genetic algorithm for community mining. , 2016, , .		3
98	The robustness of ecosystems to the species loss of community. Scientific Reports, 2016, 6, 35904.	3.3	20
99	A Multiagent Evolutionary Method for Detecting Communities in Complex Networks. Computational Intelligence, 2016, 32, 587-614.	3.2	4
100	AmphiHex-I: Locomotory Performance in Amphibious Environments With Specially Designed Transformable Flipper Legs. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1720-1731.	5.8	55
101	Hybrid <inline-formula> <tex-math notation="LaTeX">k </tex-math> </inline-formula>-Nearest Neighbor Classifier. IEEE Transactions on Cybernetics, 2016, 46, 1263-1275.	9.5	101
102	Inferring the Spatio-temporal Patterns of Dengue Transmission from Surveillance Data in Guangzhou, China. PLoS Neglected Tropical Diseases, 2016, 10, e0004633.	3.0	37
103	PR-Index: Using the h-Index and PageRank for Determining True Impact. PLoS ONE, 2016, 11, e0161755.	2.5	39
104	Bayesian Nominal Matrix Factorization for Mining Daily Activity Patterns. , 2016, , .		0
105	Mining geographic variations of Plasmodium vivax for active surveillance: a case study in China. Malaria Journal, 2015, 14, 216.	2.3	13
106	A Reconstruction Algorithm for Blade Surface Based on Less Measured Points. International Journal of Aerospace Engineering, 2015, 2015, 1-11.	0.9	3
107	Inferring Latent Co-activation Patterns for Information Diffusion. , 2015, , .		0
108	Elderly Mobility and Daily Routine Analysis Based on Behavior-Aware Flow Graph Modeling. , 2015, , .		1

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109	Understanding self-organized regularities in healthcare services based on autonomy oriented modeling. Natural Computing, 2015, 14, 7-24.	3.0	5
110	Combination methods for identifying influential nodes in networks. International Journal of Modern Physics C, 2015, 26, 1550067.	1.7	21
111	A New Physarum Network Based Genetic Algorithm for Bandwidth-Delay Constrained Least-Cost Multicast Routing. Lecture Notes in Computer Science, 2015, , 273-280.	1.3	8
112	Predicting protein function via downward random walks on a gene ontology. BMC Bioinformatics, 2015, 16, 271.	2.6	22
113	Detecting multiple stochastic network motifs in network data. Knowledge and Information Systems, 2015, 42, 49-74.	3.2	8
114	Uncovering Spatiotemporal Characteristics of Human Online Behaviors during Extreme Events. PLoS ONE, 2015, 10, e0138673.	2.5	11
115	Inferring Epidemic Network Topology from Surveillance Data. PLoS ONE, 2014, 9, e100661.	2.5	15
116	Multi-view Based AdaBoost Classifier Ensemble for Class Prediction from Gene Expression Profiles. , 2014, , .		2
117	A universal optimization strategy for ant colony optimization algorithms based on the Physarum -inspired mathematical model. Bioinspiration and Biomimetics, 2014, 9, 036006.	2.9	32
118	A community clustering algorithm based on genetic algorithm with novel coding scheme. , 2014, , .		11
119	A multi-objective ant colony optimization algorithm based on the Physarum-inspired mathematical model. , 2014, , .		4
120	Medical Error Prevention Based on Path Integration System Approach. , 2014, , .		0
121	Inferring Plasmodium vivax Transmission Networks from Tempo-Spatial Surveillance Data. PLoS Neglected Tropical Diseases, 2014, 8, e2682.	3.0	23
122	Global Bifurcation of a Novel Computer Virus Propagation Model. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	2
123	Modeling and Mining Spatiotemporal Social Contact of Metapopulation from Heterogeneous Data. , 2014, , .		5
124	Learning to improve medical decision making from imbalanced data without a priori cost. BMC Medical Informatics and Decision Making, 2014, 14, 111.	3.0	17
125	Estimating the sample mean and standard deviation from the sample size, median, range and/or interquartile range. BMC Medical Research Methodology, 2014, 14, 135.	3.1	5,713
126	Inferring disease transmission networks at a metapopulation level. Health Information Science and Systems, 2014, 2, 8.	5.2	8

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127	A cooperative group optimization system. Soft Computing, 2014, 18, 469-495.	3.6	6
128	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
129	Piecewise-constant and low-rank approximation for identification of recurrent copy number variations. Bioinformatics, 2014, 30, 1943-1949.	4.1	29
130	A Physarum-Inspired Multi-Agent System to Solve Maze. Lecture Notes in Computer Science, 2014, , 424-430.	1.3	1
131	Modeling and Restraining Mobile Virus Propagation. IEEE Transactions on Mobile Computing, 2013, 12, 529-541.	5.8	91
132	A Physarum Network Evolution Model Based on IBTM. Lecture Notes in Computer Science, 2013, , 19-26.	1.3	11
133	On the Spectral Characterization and Scalable Mining of Network Communities. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 326-337.	5.7	40
134	Particle Competition and Cooperation in Networks for Semi-Supervised Learning. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1686-1698.	5.7	56
135	A dynamic clustering algorithm based on artificial immune system for analyzing 3D models. , 2012, , .		0
136	Self-Organizing Agents for Efficient Sustainable Resource Utilization. , 2012, , .		1
137	Toward understanding the optimization of complex systems. Artificial Intelligence Review, 2012, 38, 313-324.	15.7	4
138	A Levenberg-Marquardt Neural Network Model with Rough Set for Protecting Citrus from Frost Damage. , 2012, , .		3
139	Malaria transmission modelling: a network perspective. Infectious Diseases of Poverty, 2012, 1, 11.	3.7	25
140	A novel computer virus propagation model and its dynamics. International Journal of Computer Mathematics, 2012, 89, 2307-2314.	1.8	81
141	Clustering-Based Media Analysis for Understanding Human Emotional Reactions in an Extreme Event. Lecture Notes in Computer Science, 2012, , 125-135.	1.3	6
142	LCN: An Agent-Based Search Algorithm in Unstructured P2P Networks. Lecture Notes in Electrical Engineering, 2012, , 517-523.	0.4	0
143	Modeling and predicting the dynamics of mobile virus spread affected by human behavior. , 2011, , .		12
144	Network Immunization with Distributed Autonomy-Oriented Entities. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1222-1229.	5.6	50

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145	Stochastic Network Motif Detection in Social Media. , 2011, , .		5
146	Discovering the Impact of Preceding Units' Characteristics on the Wait Time of Cardiac Surgery Unit from Statistic Data. PLoS ONE, 2011, 6, e21959.	2.5	7
147	A dynamic trust network for autonomy-oriented partner finding. Journal of Intelligent Information Systems, 2011, 37, 89-118.	3.9	5
148	Toward Effective Vaccine Deployment: A Systematic Study. Journal of Medical Systems, 2011, 35, 1153-1164.	3.6	12
149	Network immunization and virus propagation in email networks: experimental evaluation and analysis. Knowledge and Information Systems, 2011, 27, 253-279.	3.2	74
150	Discovering Explorative Patterns from Real-World Complex Networks. , 2011, , .		0
151	Global Attractivity of a Family of Max-Type Difference Equations. Discrete Dynamics in Nature and Society, 2011, 2011, 1-12.	0.9	6
152	Adaptive Immunization in Dynamic Networks. Lecture Notes in Computer Science, 2011, , 673-683.	1.3	3
153	An autonomy-oriented computing approach to community mining in distributed and dynamic networks. Autonomous Agents and Multi-Agent Systems, 2010, 20, 123-157.	2.1	22
154	Coauthor Network Topic Models with Application to Expert Finding. , 2010, , .		8
155	Autonomy-Oriented Search in Dynamic Community Networks: A Case Study in Decentralized Network Immunization. Fundamenta Informaticae, 2010, 99, 207-226.	0.4	4
156	Speeding up K-Means Algorithm by GPUs. , 2010, , .		42
157	A general growth model for the emergence of power-law distributions. , 2009, , .		0
158	An Autonomy-Oriented Paradigm for Self-Organized Computing. , 2009, , .		3
159	Graph coloring by multiagent fusion search. Journal of Combinatorial Optimization, 2009, 18, 99-123.	1.3	7
160	A Multi-Agent Based Decentralized Algorithm for Social Network Community Mining. , 2009, , .		6
161	Multirelational Topic Models. , 2009, , .		10
162	Autonomy-Oriented Computing (AOC): The Nature and Implications of a Paradigm for Self-Organized Computing. , 2008, , .		25

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163	Discovering the Dynamics in a Social Memory Network. , 2008, , .		1
164	Autonomy-Oriented Computing for Web Intelligence and Brain Informatics. , 2008, , .		0
165	AUTONOMY-ORIENTED SOCIAL NETWORKS MODELING: DISCOVERING THE DYNAMICS OF EMERGENT STRUCTURE AND PERFORMANCE. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 611-638.	1.2	9
166	EFFECTS OF LANGMUIR KINETICS ON TWO-LANE TOTALLY ASYMMETRIC EXCLUSION PROCESSES OF MOLECULAR MOTOR TRAFFIC. International Journal of Modern Physics C, 2007, 18, 1483-1496.	1.7	31
167	An Empirical Study on a Locality Based Heuristic in Multi-Agent Constraint Satisfaction. , 2007, , .		3
168	Mechanism Design for Clustering Aggregation by Selfish Systems. , 2007, , .		0
169	A Mini-Swarm for the Quadratic Knapsack Problem. , 2007, , .		19
170	The Time Course of Human Inductive Strength Judgment: An ERP Study. , 2007, , .		0
171	An Autonomy Oriented Computing (AOC) Approach to Distributed Network Community Mining. , 2007, , .		14
172	The Time Course of Human Inductive Strength Judgment: An ERP Study. , 2007, , .		0
173	Integrating Value-Directed Compression and Belief Space Analysis for POMDP Decomposition. , 2006, , .		0
174	From Local Behaviors to the Dynamics in an Agent Network. , 2006, , .		6
175	ON KNOWLEDGE GRID AND GRID INTELLIGENCE: A SURVEY. Computational Intelligence, 2005, 21, 111-129.	3.2	9
176	Using FCMC, FVS, and PCA Techniques for Feature Extraction of Multispectral Images. IEEE Geoscience and Remote Sensing Letters, 2005, 2, 108-112.	3.1	58
177	Sub-ontology evolution for service composition with application to distributed e-learning. , 2005, , .		1
178	Agent-based load balancing on homogeneous minigrids: macroscopic modeling and characterization. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 586-598.	5.6	61
179	Characterizing web usage regularities with information foraging agents. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 566-584.	5.7	60
180	MULTIPHASE GENETIC PROGRAMMING: A CASE STUDY IN SUMO MANEUVER EVOLUTION. International Journal of Pattern Recognition and Artificial Intelligence, 2004, 18, 665-684.	1.2	3

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181	Towards autonomous service composition in a grid environment. , 2004, , .		15
182	Extended Latent Class Models for Collaborative Recommendation. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2004, 34, 143-148.	2.9	41
183	Multi-phase sumo maneuver learning. Robotica, 2004, 22, 61-75.	1.9	2
184	Self-Organized Load Balancing in Proxy Servers: Algorithms and Performance. Journal of Intelligent Information Systems, 2003, 20, 31-50.	3.9	7
185	The Wisdom Web: New Challenges for Web Intelligence (WI). Journal of Intelligent Information Systems, 2003, 20, 5-9.	3.9	45
186	FROM ASSOCIATED IMPLICATION NETWORKS TO INTERMARKET ANALYSIS. , 2003, , .		0
187	PROPERTIES OF CLUSTERING COEFFICIENT IN RANDOM AGENT NETWORKS. , 2003, , .		0
188	AN EVOLUTIONARY MULTIAGENT DIFFUSION APPROACH TO OPTIMIZATION. International Journal of Pattern Recognition and Artificial Intelligence, 2002, 16, 715-733.	1.2	11
189	DISTRIBUTED PROBLEM SOLVING WITHOUT COMMUNICATION â€" AN EXAMINATION OF COMPUTATIONALLY HARD SATISFIABILITY PROBLEMS. International Journal of Pattern Recognition and Artificial Intelligence, 2002, 16, 1041-1064.	1.2	1
190	On adaptive agentlets for distributed divide-and-conquer: a dynamical systems approach. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2002, 32, 214-227.	2.9	7
191	Behavioral Self-Organization in Lifelike Synthetic Agents. Autonomous Agents and Multi-Agent Systems, 2002, 5, 397-428.	2.1	2
192	Basic processes of Chinese character based on cubic B-spline wavelet transform. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2001, 23, 1443-1448.	13.9	14
193	Agents in Electronic Commerce. Electronic Commerce Research, 2001, 1, 9-14.	5.0	17
194	A new uncertainty measure for belief networks with applications to optimal evidential inferencing. IEEE Transactions on Knowledge and Data Engineering, 2001, 13, 416-425.	5.7	11
195	Self-Organized Intelligence. Series in Machine Perception and Artificial Intelligence, 2001, , 123-148.	0.1	1
196	WAVELET ORTHONORMAL DECOMPOSITIONS FOR EXTRACTING FEATURES IN PATTERN RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 1999, 13, 803-831.	1.2	6
197	Adaptive image segmentation with distributed behavior-based agents. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1999, 21, 544-551.	13.9	89
198	Analytical and experimental results on multiagent cooperative behavior evolution. , 0, , .		3

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199	Evolutionary self-organization of an artificial potential field map with a group of autonomous robots. , 0, , .		1
200	Evolutionary diffusion optimization. II. Performance assessment. , 0, , .		3
201	Evolutionary diffusion optimization.I. Description of the algorithm. , 0, , .		1
202	Adaptive distributed caching. , 0, , .		4
203	Modeling agent-based load balancing with time delays. , 0, , .		11
204	Efficiency of emergent constraint satisfaction in small-world and random agent networks. , 0, , .		1
205	Minority game strategies in dynamic multi-agent role assignment. , 0, , .		3
206	A Driving Force for e-Transformation - The Centre for e-Transformation Research / WIC Hong Kong Centre. , 0, , .		0
207	Aggregating local behaviors based upon a discrete lagrange multiplier method. , 0, , .		0
208	Dynamic Resource Selection For Service Composition in The Grid. , 0, , .		9
209	Anycast-Based Cooperative Proxy Caching: Preliminary Results. , 0, , .		0
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211	Ontoplan: semantic web based planning. , 0, , .		0
212	Decomposing Large-Scale POMDP Via Belief State Analysis. , 0, , .		3
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