
ESI 计算机科学领域 热点论文信息推送

中国科学院自动化研究所

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ESI 计算机科学及其相关领域热点论文信息推送

—2020 年 05 月更新数据

ESI (Essential Science Indicators) 热点论文是指近两年内发表的在近两个月内被引次数进入前 0.1% 的 SCI/SSCI 文章，即最近两个月内最受关注的文章。

本期入榜文章是 2017 年 12 月到 2019 年 12 月发表的文章，在 2020 年 01~02 月内被引次数排名前 0.1% 的文章。数据更新时间为 2020 年 05 月。

本期 ESI 发布计算机科学领域的热点文章共 89 篇，其中：

1. 来源期刊 48 种，论文篇数 ≥ 4 篇的期刊分别是：

序号	出版物名称	论文篇数
1	Information Sciences	10
2	Future Generation Computer Systems-The International Journal Of Escience	6
3	Knowledge-Based Systems	6
4	Information Fusion	5
5	Ieee Transactions On Cybernetics	4
6	Soft Computing	4

2. 作者署名机构共 171 个，论文总数 ≥ 4 篇的分别是：

序号	作者署名机构	论文篇数
1	Cent S Univ	5
2	Huazhong Univ Sci & Technol	4
3	Iwate Prefectural Univ	4
4	Kalasalingam Acad Res & Educ	4
5	Natl Univ Singapore	4
6	Swinburne Univ Technol	4
7	TaiYuan Univ Sci & Technol	4
8	Univ Granada	4

9	Wuhan Univ	4
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3. 第一作者署名机构 65 个，论文总数 ≥ 3 篇的分别是：

序号	第一作者署名机构	论文篇数
1.	Cent S Univ	4
2.	Huazhong Univ Sci & Technol	4
3.	TaiYuan Univ Sci & Technol	4
4.	Wuhan Univ	4
5.	Babol Noshirvani Univ Technol	3
6.	Wuhan Inst Technol	3

7. 作者关键词共出现 365 个，其中出现频次 ≥ 3 的分别是：

序号	关键词	出现频次
1	Deep learning	6
2	Optimization	6
3	Classification	3
4	Cognitive computing	3
5	Consensus	3
6	Data mining	3
7	Feature selection	3
8	Machine learning	3
9	Nanofluid	3
10	resource allocation	3
11	Swarm intelligence	3
12	Three-way decisions	3

8. 总被引合计 5165 次，被引次数 Top10 的期刊分别是：

序号	刊名	总被引频次
1.	Briefings In Bioinformatics	667
2.	Computer Methods In Applied Mechanics And Engineering	421
3.	IEEE Transactions On Cybernetics	343
4.	Future Generation Computer Systems-The International Journal Of Escience	340

5.	IEEE Transactions On Wireless Communications	319
6.	Information Sciences	317
7.	Knowledge-Based Systems	293
8.	Soft Computing	204
9.	IEEE Journal On Selected Areas In Communications	174
10.	Computers And Electronics In Agriculture	167

11. 本期单篇最高被引论文同上期:

题录信息	单篇最高被引论文信息
题名	MAFFT online service: multiple sequence alignment, interactive sequence choice and visualization
作者	Katoh, Kazutaka; Rozewicki, John; Yamada, Kazunori D.
来源出版物	Briefings In Bioinformatics
作者机构	Osaka University; Tohoku University;
本期被引频次	467
上期被引频次	404

附表 : ESI 计算机科学领域热点论文 (2020 年 05 更新)

注： 红色字体标记的为本期新入榜的热点论文

序号	作者	题名	来源	作者机构	被引次数
1	Katoh, Kazutaka; Rozewicki, John; Yamada, Kazunori D.	MAFFT online service: multiple sequence alignment, interactive sequence choice and visualization	Briefings In Bioinformatics,2019,20(4):1160-1166	Osaka University;Tohoku University;	467
2	Wu, Qingqing; Zeng, Yong; Zhang, Rui	Joint Trajectory and Communication Design for Multi-UAV Enabled Wireless Networks	IEEE Transactions On Wireless Communications,2018,17(3):2109-2121	National University Of Singapore;	184
3	Sheikholeslami, M.	New computational approach for exergy and entropy analysis of nanofluid under the impact of Lorentz force through a porous media	Computer Methods In Applied Mechanics And Engineering,2019,344:319-333	Babol Noshirvani University Of Technology;	168
4	Sheikholeslami, M.	Numerical approach for MHD Al ₂ O ₃ -water nanofluid transportation inside a permeable medium using innovative computer method	Computer Methods In Applied Mechanics And Engineering,2019,344:306-318	Babol Noshirvani University Of Technology;	158
5	Kamilaris, Andreas; Prenafeta-Boldu, Francesc X.	Deep learning in agriculture: A survey	Computers And Electronics In Agriculture,2018,147:70-90	Irta;	147

6	Ding, Lei; Han, Qing-Long; Ge, Xiaohua; Zhang, Xian-Ming	An Overview of Recent Advances in Event-Triggered Consensus of Multiagent Systems	IEEE Transactions On Cybernetics,2018,48(4):110-1123	Swinburne University Of Technology;	145
7	Khan, Minhaj Ahmad; Salah, Khaled	IoT security: Review, blockchain solutions, and open challenges	Future Generation Computer Systems-The International Journal Of Escience,2018,82:395-411	Bahauddin Zakariya University;Khalifa University Of Science & Technology;	131
8	Acharya, U. Rajendra; Oh, Shu Lih; Hagiwara, Yuki; Tan, Jen Hong; Adeli, Hojjat	Deep convolutional neural network for the automated detection and diagnosis of seizure using EEG signals	Computers In Biology And Medicine,2018,100:270-278	Ngee Ann Polytech;Universiti Malaya;Univ Sys Ohio;Singapore University Of Social Sciences (Suss);Ohio State University;	129
9	Young, Tom; Hazarika, Devamanyu; Poria, Soujanya; Cambria, Erik	Recent Trends in Deep Learning Based Natural Language Processing	IEEE Computational Intelligence Magazine,2018,13(3):55-75	Beijing Institute Of Technology;National University Of Singapore;Nanyang Technological University & National Institute Of Education (Nie) Singapore;Nanyang Technological University;	118
10	Chen, Min; Hao, Yixue	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network	IEEE Journal On Selected Areas In Communications,2018,36(3):587-597	Huazhong University Of Science & Technology;	117
11	Aitzhan, Nurzhan Zhumabekuly; Svetinovic, Davor	Security and Privacy in Decentralized Energy Trading Through Multi-Signatures, Blockchain and Anonymous Messaging Streams	IEEE Transactions On Dependable And Secure Computing,2018,15(5):840-852	Khalifa University Of Science & Technology;	110

12	Miotto, Riccardo; Wang, Fei; Wang, Shuang; Jiang, Xiaoqian; Dudley, Joel T.	Deep learning for healthcare: review, opportunities and challenges	Briefings In Bioinformatics,2018,19(6):1236-1246	Cornell University;University Of California System;University Of California San Diego;Inst Next Generat Healthcare;Icahn School Of Medicine At Mount Sinai;	102
13	van Dam, Sipko; Vosa, Urmo; van der Graaf, Adriaan; Franke, Lude; de Magalhaes, Joao Pedro	Gene co-expression analysis for functional classification and gene-disease predictions	Briefings In Bioinformatics,2018,19(4):575-592	University Of Groningen;University Of Liverpool;	98
14	Sheikholeslami, M.; Gerdroodbary, M. Barzegar; Moradi, R.; Shafee, Ahmad; Li, Zhixiong	Application of Neural Network for estimation of heat transfer treatment of Al ₂ O ₃ -H ₂ O nanofluid through a channel	Computer Methods In Applied Mechanics And Engineering,2019,344:1- 12	Babol Noshirvani University Of Technology;University Of Wollongong;University Of Tun Hussein Onn Malaysia;Public Authority For Applied Education & Training (Paaet) - Kuwait;Ocean University Of China;Ministry Of Education Of Azerbaijan Republic;Khazar University;	95
15	Cheng, Jun; Park, Ju H.; Karimi, Hamid Reza; Shen, Hao	A Flexible Terminal Approach to Sampled-Data Exponentially Synchronization of Markovian Neural Networks With Time-Varying Delayed Signals	IEEE Transactions On Cybernetics,2018,48(8):2 232-2244	Anhui University Of Technology;Yeungnam University;University Of Electronic Science & Technology Of China;Polytechnic University Of Milan;Hubei Minzu University;	94
16	Zhang, Chao; Rabiee, Maryam; Sayyari, Erfan; Mirarab,	ASTRAL-III: polynomial time species tree reconstruction from partially resolved gene trees	BMC Bioinformatics,2018,19(S U-6),Article Number 153	University Of California San Diego;University Of California System;	88

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17	Dong, Yucheng; Zha, Quanbo; Zhang, Hengjie; Kou, Gang; Fujita, Hamido; Chiclana, Francisco; Herrera-Viedma, Enrique	Consensus reaching in social network group decision making: Research paradigms and challenges	Knowledge-Based Systems,2018,162(SI):3-13	De Montfort University;University Of Granada;Southwestern University Of Finance & Economics - China;Sichuan University;King Abdulaziz University;Iwate Prefectural University;Hohai University;	87
18	Deng, Wu; Yao, Rui; Zhao, Huimin; Yang, Xinhua; Li, Guangyu	A novel intelligent diagnosis method using optimal LS-SVM with improved PSO algorithm	Soft Computing,2019,23(SI-7):2445-2462	Na-Dalian Jiaotong University;Southwest Jiaotong University;Sichuan University Of Science & Engineering;	86
19	Ma, Jiayi; Ma, Yong; Li, Chang	Infrared and visible image fusion methods and applications: A survey	Information Fusion,2019,45:153-178	Wuhan University;	79
20	Kapoor, Kawaljeet Kaur; Tamilmani, Kuttimani; Rana, Nripendra P.; Patil, Pushp; Dwivedi, Yogesh K.; Nerur, Sridhar	Advances in Social Media Research: Past, Present and Future	Information Systems Frontiers,2018,20(SI-3):531-558	Brunel University;University Of Texas System;University Of Texas Arlington;Swansea University;	77
21	Peng, Xindong; Selvachandran, Ganeshsree	Pythagorean fuzzy set: state of the art and future directions	Artificial Intelligence Review,2019,52(3):1873-1927	Na-Shaoguan University;Ucsi University;	75
22	Zhan, Jianming; Sun, Bingzhen; Alcantud, Jose Carlos R.	Covering based multigranulation (I, T)-fuzzy rough set models and applications in multi-attribute group decision-making	Information Sciences,2019,476:290-318	Hubei Minzu University;Xidian University;University Of Salamanca;	75

23	Faris, Hossam; Mafarja, Majdi M.; Heidari, Ali Asghar; Aljarah, Ibrahim; Al-Zoubi, Ala' M.; Mirjalili, Seyedali; Fujita, Hamido	An efficient binary Salp Swarm Algorithm with crossover scheme for feature selection problems	Knowledge-Based Systems,2018,154:43-67	Birzeit University;University Of Tehran;University Of Jordan;Iwate Prefectural University;Griffith University;	73
24	Dwivedi, Yogesh K.; Rana, Nripendra P.; Jeyaraj, Anand; Clement, Marc; Williams, Michael D.	Re-examining the Unified Theory of Acceptance and Use of Technology (UTAUT): Towards a Revised Theoretical Model	Information Systems Frontiers,2019,21(SI-3):719-734	Swansea Univ Bay Campus;Wright State University Dayton;Univ Sys Ohio;	71
25	Bi, Suzhi; Zhang, Ying Jun	Computation Rate Maximization for Wireless Powered Mobile-Edge Computing With Binary Computation Offloading	IEEE Transactions On Wireless Communications,2018,17(6):4177-4190	Chinese University Of Hong Kong;Shenzhen University;	68
26	Zhang, Maoqing; Wang, Hui; Cui, Zhihua; Chen, Jinjun	Hybrid multi-objective cuckoo search with dynamical local search	Memetic Computing,2018,10(SI-2):199-208	Na-Nanchang Institute Technology;University Of Technology Sydney;Taiyuan University Of Science & Technology;	67
27	Buda, Mateusz; Maki, Atsuto; Mazurowski, Maciej A.	A systematic study of the class imbalance problem in convolutional neural networks	Neural Networks,2018,106:249-259	Duke University;Royal Institute Of Technology;	67
28	Xu, Jie; Zeng, Yong; Zhang, Rui	UAV-Enabled Wireless Power Transfer: Trajectory Design and Energy Optimization	IEEE Transactions On Wireless Communications,2018,17(8):5092-5106	Guangdong University Of Technology;University Of Sydney;National University Of Singapore;	67

29	Garg, Harish; Kumar, Kamal	An advanced study on the similarity measures of intuitionistic fuzzy sets based on the set pair analysis theory and their application in decision making	Soft Computing,2018,22(SI15):4959-4970	Thapar Inst Inst & Technol Deemed Univ;	62
30	Cui, Zhihua; Cao, Yang; Cai, Xingjuan; Cai, Jianghui; Chen, Jinjun	Optimal LEACH protocol with modified bat algorithm for big data sensing systems in Internet of Things	Journal Of Parallel And Distributed Computing,2019,132:217-229	Taiyuan University Of Science & Technology;University Of Technology Sydney;	60
31	Zhou, Fuhui; Wu, Yongpeng; Hu, Rose Qingyang; Qian, Yi	Computation Rate Maximization in UAV-Enabled Wireless-Powered Mobile-Edge Computing Systems	IEEE Journal On Selected Areas In Communications,2018,36(SI9):1927-1941	Chinese Academy Of Sciences;Xidian University;Utah System Of Higher Education;Utah State University;University Of Nebraska System;University Of Nebraska Lincoln;Shanghai Jiao Tong University;Nanchang University;	57
32	Gao, Wei; Guirao, Juan L. G.; Basavanagoud, B.; Wu, Jianzhang	Partial multi-dividing ontology learning algorithm	Information Sciences,2018,467:35-58	Na-Karnatak University;Yunnan Normal University;Universidad Politecnica De Cartagena;Southeast University - China;	56
33	Mafarja, Majdi; Aljarah, Ibrahim; Heidari, Ali Asghar; Hammouri, Abdelaziz I.; Faris, Hossam; Al-Zoubi, Ala' M.; Mirjalili, Seyedali	Evolutionary Population Dynamics and Grasshopper Optimization approaches for feature selection problems	Knowledge-Based Systems,2018,145:25-45	Al-Balqa Applied University;University Of Tehran;University Of Jordan;Griffith University;Birzeit University;	56

34	Qi, Lianyong; Zhang, Xuyun; Dou, Wanchun; Hu, Chunhua; Yang, Chi; Chen, Jinjun	A two-stage locality-sensitive hashing based approach for privacy-preserving mobile service recommendation in cross-platform edge environment	Future Generation Computer Systems-The International Journal Of Escience,2018,88:636-643	Hunan University Of Technology & Business;University Of Wollongong;University Of Auckland;Swinburne University Of Technology;Qufu Normal University;Nanjing University;	55
35	Wang, Yueying; Karimi, Hamid Reza; Shen, Hao; Fang, Zhijun; Liu, Mingxin	Fuzzy-Model-Based Sliding Mode Control of Nonlinear Descriptor Systems	IEEE Transactions On Cybernetics,2019,49(9):3409-3419	Anhui University Of Technology;Yanshan University;Shanghai University Of Engineering Science;Shanghai Jiao Tong University;Polytechnic University Of Milan;	53
36	Yao, Yiyu	Three-way decision and granular computing	International Journal Of Approximate Reasoning,2018,103:107-123	University Of Regina;	53
37	Li, Jingjing; Lu, Ke; Huang, Zi; Zhu, Lei; Shen, Heng Tao	Transfer Independently Together: A Generalized Framework for Domain Adaptation	IEEE Transactions On Cybernetics,2019,49(6):2144-2155	Shandong Normal University;University Of Queensland;University Of Electronic Science & Technology Of China;	51
38	Qi, Lianyong; Wang, Ruili; Hu, Chunhua; Li, Shancang; He, Qiang; Xu, Xiaolong	Time-aware distributed service recommendation with privacy-preservation	Information Sciences,2019,480:354-364	Hunan University Of Technology & Business;University Of West England;Swinburne University Of Technology;Qufu Normal University;Nanjing University Of Information Science & Technology;Massey University;	51

39	Heidari, Ali Asghar; Mirjalili, Seyedali; Faris, Hossam; Aljarah, Ibrahim; Mafarja, Majdi; Chen, Huiling	Harris hawks optimization: Algorithm and applications	Future Generation Computer Systems-The International Journal Of Escience,2019,97:849-872	Birzeit University;Wenzhou University;University Of Tehran;University Of Jordan;National University Of Singapore;Griffith University;	51
40	Yan, Chenggang; Li, Liang; Zhang, Chunjie; Liu, Bingtao; Zhang, Yongdong; Dai, Qionghai	Cross-Modality Bridging and Knowledge Transferring for Image Understanding	IEEE Transactions On Multimedia,2019,21(10): 2675-2685	Chinese Academy Of Sciences;University Of Chinese Academy Of Sciences, Cas;Tsinghua University;Institute Of Computing Technology, Cas;Institute Of Automation, Cas;Hangzhou Dianzi University;	51
41	Zhang, Jingpu; Zhang, Zuping; Chen, Zhigang; Deng, Lei	Integrating Multiple Heterogeneous Networks for Novel LncRNA-Disease Association Inference	IEEE-ACM Transactions On Computational Biology And Bioinformatics,2019,16(2):396-406	Central South University;Shanghai Key Lab Intelligent Informat Proc;Ping Ding Shan Univ;	50
42	Gupta, Deepak; Julka, Arnav; Jain, Sanchit; Aggarwal, Tushar; Khanna, Ashish; Arunkumar, N.; de Albuquerque, Victor Hugo C.	Optimized cuttlefish algorithm for diagnosis of Parkinson's disease	Cognitive Systems Research,2018,52:36-48	Na-Maharaja Agrasen Institute Of Technology;Universidade Fortaleza;Shanmugha Arts, Science, Technology & Research Academy (Sastra);	50
43	Abualigah, Laith Mohammad; Khader, Ahamad Tajudin; Hanandeh, Essam	A new feature selection method to improve the document clustering using particle swarm optimization algorithm	Journal Of Computational Science,2018,25:456-466	Universiti Sains Malaysia;Zarqa University;	47

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44	Cai, Jie; Luo, Jiawei; Wang, Shulin; Yang, Sheng	Feature selection in machine learning: A new perspective	Neurocomputing,2018,300:70-79	Hunan University;	45
45	Wu, Shaofei; Wang, Mingqing; Zou, Yuntao	Research on internet information mining based on agent algorithm	Future Generation Computer Systems-The International Journal Of Escience,2018,86:598-602	Na-Wuhan Incarcloud Technol Pte Ltd;Wuhan Winphone Technol Co Ltd;Wuhan Institute Of Technology;	42
46	Karami, Behrouz; Janghorban, Maziar; Tounsi, Abdelouahed	Galerkin's approach for buckling analysis of functionally graded anisotropic nanoplates/different boundary conditions	Engineering With Computers,2019,35(4):1297-1316	Islamic Azad University;University Djillali Liabes Sidi Bel Abbes;	41
47	Guo, Shikai; Chen, Rong; Li, Hui; Zhang, Tianlun; Liu, Yaqing	Identify Severity Bug Report with Distribution Imbalance by CR-SMOTE and ELM	International Journal Of Software Engineering And Knowledge Engineering,2019,29(2):139-175	Dalian Maritime University;Jilin University;	41
48	Wang, Le; Zhang, Hong-yu; Wang, Jian-qiang; Li, Lin	Picture fuzzy normalized projection-based VIKOR method for the risk evaluation of construction project	Applied Soft Computing,2018,64:216-226	Central South University;Hunan University;	39
49	Eyal, Ittay; Sirer, Emin Gun	Majority Is Not Enough: Bitcoin Mining Is Vulnerable	Communications Of The ACM,2018,61(7):95-102	Cornell University;Technion Israel Institute Of Technology;	38
50	Chen, Min; Hao, Yixue; Lai, Chin-Feng; Wu, Di; Li, Yong; Hwang, Kai	Opportunistic Task Scheduling over Co-Located Clouds in Mobile Environment	IEEE Transactions On Services Computing,2018,11(3):549-561	Huazhong University Of Science & Technology;University Of Southern California;Tsinghua University;Sun Yat Sen University;National Cheng	37

				Kung University;	
51	Hossain, M. Shamim; Muhammad, Ghulam	Emotion recognition using deep learning approach from audio-visual emotional big data	Information Fusion,2019,49:69-78	King Saud University;	33
52	Anitescu, Cosmin; Atroshchenko, Elena; Alajlan, Naif; Rabczuk, Timon	Artificial Neural Network Methods for the Solution of Second Order Boundary Value Problems	Cmc-Computers Materials & Continua,2019,59(1):345-359	Bauhaus-Universitat Weimar;University Of New South Wales Sydney;King Saud University;	32
53	Hua, Zhongyun; Zhou, Yicong; Huang, Hejiao	Cosine-transform-based chaotic system for image encryption	Information Sciences,2019,480:403-419	Harbin Institute Of Technology;University Of Macau;	32
54	Wu, Shaofei; Wang, Mingqing; Zou, Yuntao	Bidirectional cognitive computing method supported by cloud technology	Cognitive Systems Research,2018,52:615-621	Na-Wuhan Incarcloud Technol Pte Ltd;Wuhan Winphone Technol Co Ltd;Wuhan Institute Of Technology;	32
55	Chen, Min; Li, Wei; Fortino, Giancarlo; Hao, Yixue; Hu, Long; Humar, Iztok	A Dynamic Service Migration Mechanism in Edge Cognitive Computing	ACM Transactions On Internet Technology,2019,19(SI2), Article Number UNSP 30	Huazhong University Of Science & Technology;University Of Ljubljana;University Of Calabria;	31
56	Kumar, Priyan Malarvizhi; Lokesh, S.; Varatharajan, R.; Babu, Gokulnath Chandra; Parthasarathy, P.	Cloud and IoT based disease prediction and diagnosis system for healthcare using Fuzzy neural classifier	Future Generation Computer Systems-The International Journal Of Escience,2018,86:527-534	Na-Hindusthan Inst Technol;Vellore Institute Of Technology;Sri Ramanujar Engn Coll;	31

57	Xu, Xiaolong; Xue, Yuan; Qi, Lianyong; Yuan, Yuan; Zhang, Xuyun; Umer, Tariq; Wan, Shaohua	An edge computing-enabled computation offloading method with privacy preservation for internet of connected vehicles	Future Generation Computer Systems-The International Journal Of Escience,2019,96:89-100	Comsats University Islamabad (Cui);Zhongnan University Of Economics & Law;University Of Auckland;Qufu Normal University;Nanjing University Of Information Science & Technology;Nanjing University;Michigan State University;	30
58	Fahmi, Aliya; Abdullah, Saleem; Amin, Fazli; Khan, M. Sajjad Ali	Trapezoidal cubic fuzzy number Einstein hybrid weighted averaging operators and its application to decision making	Soft Computing,2019,23(14): 5753-5783	Na-Abdul Wali Khan Univ Mardan;Hazara Univ Mansehra;	29
59	Yu, Haiping; He, Fazhi; Pan, Yiteng	A novel segmentation model for medical images with intensity inhomogeneity based on adaptive perturbation	Multimedia Tools And Applications,2019,78(9): 11779-11798	Wuhan University;	29
60	Bi, Jingjun; Zhang, Chongsheng	An empirical comparison on state-of-the-art multi-class imbalance learning algorithms and a new diversified ensemble learning scheme	Knowledge-Based Systems,2018,158:81-93	Henan University;	29
61	Ke, Qishou; Wu, Shaofei; Wang, Mingqing; Zou, Yuntao	Evaluation of Developer Efficiency Based on Improved DEA Model	Wireless Personal Communications,2018,102(4):3843-3849	Na-Wuhan Incarcloud Technol Pte Ltd;Wuhan Winphone Technol Co Ltd;Wuhan Institute Of Technology;	28
62	Arora, Sankalap; Singh, Satvir	Butterfly optimization algorithm: a novel approach for global optimization	Soft Computing,2019,23(3):715-734	I. K. Gujral Punjab Technical University;	27

63	Li, Qiaoyan; Liu, Anfeng; Wang, Tian; Xie, Mande; Xiong, Neal N.	Pipeline slot based fast rerouting scheme for delay optimization in duty cycle based M2M communications	Peer-To-Peer Networking And Applications,2019,12(SI6):1673-1704	Central South University;Zhejiang Gongshang University;Northeastern State Univ;Jiangsu High Technol Res Key Lab Wireless Sensor;Huaqiao University;	26
64	Su, Jian; Sheng, Zhengguo; Leung, Victor C. M.; Chen, Yongrui	ENERGY EFFICIENT TAG IDENTIFICATION ALGORITHMS FOR RFID: SURVEY, MOTIVATION AND NEW DESIGN	IEEE Wireless Communications,2019,26(3):118-124	Chinese Academy Of Sciences;University Of Sussex;University Of Chinese Academy Of Sciences, Cas;University Of British Columbia;Nanjing University Of Information Science & Technology;	26
65	Del Ser, Javier; Osaba, Eneko; Molina, Daniel; Yang, Xin-She; Salcedo-Sanz, Sancho; Camacho, David; Das, Swagatam; Suganthan, Ponnuthurai N.; Coello Coello, Carlos A.; Herrera, Francisco	Bio-inspired computation: Where we stand and what's next	Swarm And Evolutionary Computation,2019,48:220-250	Autonomous University Of Madrid;University Of Granada;University Of Basque Country;Universidad De Alcala;Tecnalia;Nanyang Technological University & National Institute Of Education (Nie) Singapore;Nanyang Technological University;Middlesex University;Instituto Politecnico Nacional - Mexico;Indian Statistical Institute Kolkata;Indian Statistical Institute;Cinvestav - Centro De Investigacion Y De Estudios Avanzados Del Instituto Politecnico Nacional;Basque Center For Applied Mathematics (Bcam);	25

66	Chen, Xiao; He, Fazhi; Yu, Haiping	A matting method based on full feature coverage	Multimedia Tools And Applications,2019,78(9): 11173-11201	Wuhan University;	25
67	Wu, Jian; Sun, Qi; Fujita, Hamido; Chiclana, Francisco	An attitudinal consensus degree to control the feedback mechanism in group decision making with different adjustment cost	Knowledge-Based Systems,2019,164:265-273	De Montfort University;University Of Granada;Shanghai Maritime University;Iwate Prefectural University;	25
68	Wang, Hao; Yang, Yan; Liu, Bing; Fujita, Hamido	A study of graph-based system for multi-view clustering	Knowledge-Based Systems,2019,163:1009-1019	Iwate Prefectural University;University Of Illinois System;University Of Illinois Chicago Hospital;University Of Illinois Chicago;Southwest Jiaotong University;	23
69	Shankar, K.; Lakshmanaprabu, S. K.; Gupta, Deepak; Maseleno, Andino; de Albuquerque, Victor Hugo C.	Optimal feature-based multi-kernel SVM approach for thyroid disease classification	Journal Of Supercomputing,2020,76(SI2):1128-1143	Na-B. S. Abdur Rahman Crescent Institute Of Science & Technology;Universidade Fortaleza;Stmik Pringsewu;Maharaja Agrasen Institute Of Technology;Kalasalingam Academy Of Research & Education;Ggs Indraprastha University;	22
70	Meng Fanyong; Tang Jie; Fujita, Hamido	Linguistic intuitionistic fuzzy preference relations and their application to multi-criteria decision making	Information Fusion,2019,46:77-90	Central South University;Nanjing Audit University;Iwate Prefectural University;	22
71	Chen, Min; Hao, Yixue; Gharavi, Hamid; Leung, Victor C. M.	Cognitive information measurements: A new perspective	Information Sciences,2019,505:487-497	Huazhong University Of Science & Technology;Shenzhen University;National Institute Of Standards & Technology (Nist) - Usa;	21

72	Tian, Yunong; Yang, Guodong; Wang, Zhe; Wang, Hao; Li, En; Liang, Zize	Apple detection during different growth stages in orchards using the improved YOLO-V3 model	Computers And Electronics In Agriculture,2019,157:417-426	Chinese Academy Of Sciences;University Of Chinese Academy Of Sciences, Cas;Institute Of Automation, Cas;	20
73	Min, Fan; Zhang, Zhi-Heng; Zhai, Wen-Jie; Shen, Rong-Ping	Frequent pattern discovery with tri-partition alphabets	Information Sciences,2020,507:715-732	Southwest Petroleum University;	19
74	Yu, Hong; Wang, Xincheng; Wang, Guoyin; Zeng, Xianhua	An active three-way clustering method via low-rank matrices for multi-view data	Information Sciences,2020,507:823-839	Chongqing University Of Posts & Telecommunications;	19
75	Li, Cong-Cong; Dong, Yucheng; Xu, Yejun; Chiclana, Francisco; Herrera-Viedma, Enrique; Herrera, Francisco	An overview on managing additive consistency of reciprocal preference relations for consistency-driven decision making and fusion: Taxonomy and future directions	Information Fusion,2019,52:143-156	De Montfort University;University Of Granada;Sichuan University;King Abdulaziz University;Hohai University;	19
76	Olivas, Frumen; Valdez, Fevrier; Melin, Patricia; Sombra, Alberto; Castillo, Oscar	Interval type-2 fuzzy logic for dynamic parameter adaptation in a modified gravitational search algorithm	Information Sciences,2019,476:159-175	Tijuana Inst Technol;	19
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