
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

—2019 年 9 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 4 月到 2019 年 4 月发表的文章,在 2019 年 5~6 月内被引次数排名前 0.1% 的文章。数据更新时间为 2019 年 09 月。

本期 ESI 发布计算机科学领域的热点文章共 88 篇,总被引 5626 次。其中:

- 总被引最多的年份为 2017 年,总被引 3168 次,占 56.3%; 篇数最多的年份为 2018 年,共 42 篇,占 47.7%;
- 来源出版物前出现前三位的是 *IEEE Transactions On Cybernetics*、*IEEE Internet Of Things Journal*、*Briefings In Bioinformatics*, 分别是 9 篇、8 篇和 5 篇。
- 总被引频次最多的出版物是 *Journal Of Statistical Software* (同前两期), 被引合计 755 次 (上期 613 次);
- 单篇最高被引 562 次 (上期 454 次); 该论文由丹麦科技大学 (*Technical University Of Denmark*) 的 *Kuznetsova, Alexandra* 等人在 *Journal of Statistical Software* 上发表, 题名为 *ImerTest Package: Tests in Linear Mixed Effects Models* (同前两期);
- 新上榜 54 篇, 单篇最高被引 80 次; 该论文由挪威奥斯陆大学 (*University of Oslo*) 的 *Abbas, Nasir* 等人在 *IEEE Internet Of Things Journal* 发表, 题名为 *Mobile Edge Computing: A Survey*。

附表：ESI 计算机科学领域热点论文 (2019 年 9 月更新)

注：红色标记代表相比上期首次入榜文章。

序号	作者	题名	来源	作者机构	被引次数
1	Kuznetsova, Alexandra; Brockhoff, Per B. ; Christensen, Rune H. B.	lmerTest Package: Tests in Linear Mixed Effects Models	Journal Of Statistical Software, 2017, 82(13):1-26	Technical University Of Denmark;	562
2	Litjens, Geert; Kooi, Thijs; Bejnordi, Babak Ehteshami; Setio, Arnaud Arindra Adiyoso; Ciompi, Francesco; Ghafoorian, Mohsen; van der Laak, Jeroen A. W. M. ; van Ginneken, Bram; Sanchez, Clara I.	A survey on deep learning in medical image analysis	Medical Image Analysis, 2017, 42:60-88	Radboud University Nijmegen;	394
3	Rueden, Curtis T. ; Schindelin, Johannes; Hiner, Mark C. ; DeZonia, Barry E. ; Walter, Alison E. ; Arena, Ellen T. ; Eliceiri, Kevin W.	ImageJ2: ImageJ for the next generation of scientific image data	BMC Bioinformatics, 2017, 18, Article Number 529	The Morgridge Institute For Research, Inc.;University Of Wisconsin System;University Of Wisconsin Madison;	311
4	Silver, David; Schrittwieser, Julian; Simonyan, Karen; Antonoglou, Ioannis; Huang, Aja; Guez, Arthur; Hubert, Thomas; Baker, Lucas; Lai, Matthew; Bolton, Adrian; Chen, Yutian; Lillicrap, Timothy; Hui, Fan; Sifre, Laurent; van den Driessche, George; Graepel, Thore; Hassabis, Demis	Mastering the game of Go without human knowledge	Nature, 2017, 550(7676):354+	Deepmind;	281

5	Vehtari, Aki; Gelman, Andrew; Gabry, Jonah	Practical Bayesian model evaluation using leave-one-out cross-validation and WAIC	Statistics And Computing, 2017, 27(5):1413-1432	Aalto University;Columbia University;	211
6	Buerkner, Paul-Christian	brms: An R Package for Bayesian Multilevel Models Using Stan	Journal Of Statistical Software, 2017, 80(1):1-28	University Of Munster;	193
7	Chen, Xing; Yan, Chenggang Clarence; Zhang, Xu; You, Zhu-Hong	Long non-coding RNAs and complex diseases: from experimental results to computational models	Briefings In Bioinformatics, 2017, 18(4): 558-576	China University Of Mining & Technology;Shandong University;Hangzhou Dianzi University;	151
8	Lin, Jie; Yu, Wei; Zhang, Nan; Yang, Xinyu; Zhang, Hanlin; Zhao, Wei	A Survey on Internet of Things: Architecture, Enabling Technologies, Security and Privacy, and Applications	IEEE Internet Of Things Journal, 2017, 4(SI5):1125-1142	George Washington University;Xi'Apos;An Jiaotong University;University System Of Maryland;University Of Macau;Towson University;Qingdao University;	143
9	Greff, Klaus; Srivastava, Rupesh K. ; Koutnik, Jan; Steunebrink, Bas R. ; Schmidhuber, Juergen	LSTM: A Search Space Odyssey	IEEE Transactions On Neural Networks And Learning Systems, 2017, 28(10):2222-2232	Na-Scuola Univ Profess Svizzera Italiana;Univ Svizzera Italiana;	142
10	Rolph, Glenn; Stein, Ariel; Stunder, Barbara	Real-time Environmental Applications and Display sYstem: READY	Environmental Modelling & Software, 2017, 95:210-228	National Oceanic Atmospheric Admin (Noaa) - Usa;	133
11	Min, Seonwoo; Lee, Byunghan; Yoon, Sungroh	Deep learning in bioinformatics	Briefings In Bioinformatics, 2017, 18(5):	Seoul National University (Snu);	117

			851-869		
12	Mirjalili, Seyedali; Gandomi, Amir H.; Mirjalili, Seyedeh Zahra; Saremi, Shahzad; Faris, Hossam; Mirjalili, Seyed Mohammad	Salp Swarm Algorithm: A bio-inspired optimizer for engineering design problems	Advances In Engineering Software, 2017, 114:163-191	Concordia University - Canada;University Of Newcastle;University Of Jordan;Stevens Institute Of Technology;Michigan State University;Griffith University;	105
13	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;	91
14	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):111 0-1123	Swinburne University Of Technology;	84
15	Abbas, Nasir; Zhang, Yan; Taherkordi, Amir; Skeie, Tor	Mobile Edge Computing: A Survey	IEEE Internet Of Things Journal, 2018, 5(1):450-465	Simula Res Lab;University Of Oslo;	80
16	Ota, Kaoru; Dong, Mianxiong; Gui, Jinsong; Liu, Anfeng	QUOIN: Incentive Mechanisms for Crowd Sensing Networks	IEEE Network, 2018, 32(2):114-119	Central South University;Muroran Institute Of Technology;	79
17	Li, He; Ota, Kaoru; Dong, Mianxiong	Learning IoT in Edge: Deep Learning for the Internet of Things with Edge Computing	IEEE Network, 2018, 32(1):96-101	Muroran Institute Of Technology;	79

18	Roman, Rodrigo; Lopez, Javier; Mambo, Masahiro	Mobile edge computing, Fog et al.: A survey and analysis of security threats and challenges	Future Generation Computer Systems-The International Journal Of Escience, 2018, 78 (PN2):680-698	Kanazawa University;Universidad De Malaga;	75
19	Ren, Ju; Guo, Hui; Xu, Chugui; Zhang, Yaoxue	Serving at the Edge: A Scalable IoT Architecture Based on Transparent Computing	IEEE Network, 2017, 31(5):96-105	Central South University;	72
20	Maimone, Andrew; Georgiou, Andreas; Kollin, Joel S.	Holographic Near-Eye Displays for Virtual and Augmented Reality	ACM Transactions On Graphics, 2017, 36(4), Article Number 85	Microso Res;	67
21	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;	66
22	Zhang, Qingchen; Yang, Laurence T.; Chen, Zhikui; Li, Peng	A survey on deep learning for big data	Information Fusion, 2018, 42:146-157	Dalian University Of Technology;University Of Electronic Science & Technology Of China;Saint Francis Xavier University - Canada;	65
23	Chen, Xing; Xie, Di; Zhao, Qi; You, Zhu-Hong	MicroRNAs and complex diseases: from experimental results to computational models	Briefings In Bioinformatics, 2019, 20(2):515-539	China University Of Mining & Technology;Liaoning University;Chinese Academy Of Sciences;	64

24	Li, Xiong; Ibrahim, Maged Hamada; Kumari, Saru; Sangaiah, Arun Kumar; Gupta, Vidushi; Choo, Kim-Kwang Raymond	Anonymous mutual authentication and key agreement scheme for wearable sensors in wireless body area networks	Computer Networks, 2017, 129(PN2, SI): 429-443	Na-Chaudhary Charan Singh University;Vellore Institute Of Technology;University Of Texas System;University Of Texas At San Antonio (Utsa);University Of Delhi;Hunan University Of Science & Technology;Helwan University;	64
25	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	Na-Ngee Ann Polytech;Universiti Malaya;Univ Sys Ohio;Singapore University Of Social Sciences (Suss);Ohio State University;	63
26	Ge, Xiaohua; Han, Qing-Long; Ding, Derui; Zhang, Xian-Ming; Ning, Boda	A survey on recent advances in distributed sampled-data cooperative control of multi-agent systems	Neurocomputing, 2018, 275:1684-1701	Swinburne University Of Technology;	61
27	Mozaffari, Mohammad; Saad, Walid; Bennis, Mehdi; Debbah, Merouane	Mobile Unmanned Aerial Vehicles (UAVs) for Energy-Efficient Internet of Things Communications	IEEE Transactions On Wireless Communications, 2017, 16(11):7574-7589	Centralesupelec;Virginia Polytechnic Institute & State University;Universite Paris Saclay;Univ Paris Saclay Comue;Kyung Hee University;Huawei France Res & Dev;Ctr Wireless Commun;	60
28	Wang, Feng; Xu, Jie; Wang, Xin; Cui, Shuguang	Joint Offloading and Computing Optimization in	IEEE Transactions On Wireless Communications, 2018, 17(3):	Fudan University;University Of California System;University Of California Davis;Shenzhen Res	58

		Wireless Powered Mobile-Edge Computing Systems	1784-1797	Inst Big Data;Guangdong University Of Technology;	
29	Davies, Mike; Srinivasa, Narayan; Lin, Tsung-Han; China, Gautham; Cao, Yongqiang; Choday, Sri Harsha; Dimou, Georgios; Joshi, Prasad; Imam, Nabil; Jain, Shweta; Liao, Yuyun; Lin, Chit-Kwan; Lines, Andrew; Liu, Ruokun; Mathaikutty, Deepak; Mccoy, Steve; Paul, Arnab; Tse, Jonathan; Venkataramanan, Guruguhanathan; Weng, Yi-Hsin; Wild, Andreas; Yang, Yoonseok; Wang, Hong	Loihi: A Neuromorphic Manycore Processor with On-Chip Learning	IEEE Micro, 2018, 38(1):82-99	Na-Eta Compute;Reduced Energy Microsyst;Intel Corporation;	58
30	Thinh Quang Dinh; Tang, Jianhua; La, Quang Duy; Quek, Tony Q. S.	Offloading in Mobile Edge Computing: Task Allocation and Computational Frequency Scaling	IEEE Transactions On Communications, 2017, 65(8): 3571-3584	Chongqing University Of Posts & Telecommunications;Singapore University Of Technology & Design;Kyung Hee University;	55
31	Zhao, Nan; Cheng, Fen; Yu, F. Richard; Tang, Jie; Chen, Yunfei; Gui, Guan; Sari, Hikmet	Caching UAV Assisted Secure Transmission in Hyper-Dense Networks Based on Interference Alignment	IEEE Transactions On Communications, 2018, 66(5): 2281-2294	Carleton University;University Of Warwick;Southeast University - China;South China University Of Technology;Sequans Commun;Nanjing University Of Posts & Telecommunications;Dalian University Of Technology;	52

32	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):2232-2244	Anhui University Of Technology;Yeungnam University;University Of Electronic Science & Technology Of China;Polytechnic University Of Milan;Hubei University For Nationalities;	48
33	Li, Y.; Deng, Y.	Generalized Ordered Propositions Fusion Based on Belief Entropy	International Journal Of Computers Communications & Control, 2018, 13(5):792-807	University Of Electronic Science & Technology Of China;	47
34	Ding, Derui; Han, Qing-Long; Xiang, Yang; Ge, Xiaohua; Zhang, Xian-Ming	A survey on security control and attack detection for industrial cyber-physical systems	Neurocomputing, 2018, 275:1674-1683	Swinburne University Of Technology;	46
35	Wang, Chenmeng; Liang, Chengchao; Yu, F. Richard; Chen, Qianbin; Tang, Lun	Computation Offloading and Resource Allocation in Wireless Cellular Networks With Mobile Edge Computing	IEEE Transactions On Wireless Communications, 2017, 16(8):4924-4938	Carleton University;Chongqing University Of Posts & Telecommunications;	46
36	Aitzhan, Nurzhan Zhumabekuly; Svetinovic, Davor	Security and Privacy in Decentralized Energy Trading Through Multi-Signatures,	IEEE Transactions On Dependable And Secure Computing, 2018, 15(5):840-852	Khalifa University Of Science & Technology;	45

		Blockchain and Anonymous Messaging Streams			
37	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;	43
38	Xiao, Fuyuan	Multi-sensor data fusion based on the belief divergence measure of evidences and the belief entropy	Information Fusion, 2019, 46:23-32	Southwest University - China;	42
39	Faust, Oliver; Hagiwara, Yuki; Hong, Tan Jen; Lih, Oh Shu; Acharya, U. Rajendra	Deep learning for healthcare applications based on physiological signals: A review	Computer Methods And Programs In Biomedicine, 2018, 161:1-13	Na-Ngee Ann Polytech;Universiti Malaya;Singapore University Of Social Sciences (Suss);Sheffield Hallam University;	42
40	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;	41
41	Wu, Zhibin; Xu, Jiuping	A consensus model for large-scale group decision making with	Information Fusion, 2018, 41:217-231	Sichuan University;University Of Washington Seattle;University Of Washington;	41

		hesitant fuzzy information and changeable clusters			
42	Chen, Min; Tian, Yuanwen; Fortino, Giancarlo; Zhang, Jing; Humar, Iztok	Cognitive Internet of Vehicles	Computer Communications, 2018, 120:58-70	Huazhong University Of Science & Technology; University Of Ljubljana; University Of Calabria;	40
43	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;	39
44	Ma, Jiayi; Ma, Yong; Li, Chang	Infrared and visible image fusion methods and applications: A survey	Information Fusion, 2019, 45:153-178	Wuhan University;	39
45	Peng, Xuhong; Ren, Ju; She, Liang; Zhang, Deyu; Li, Jie; Zhang, Yaoxue	BOAT: A Block-Streaming App Execution Scheme for Lightweight IoT Devices	IEEE Internet Of Things Journal, 2018, 5(SI3):1816-1829	Central South University; Shaoyang University; Hunan University Of Commerce;	38
46	Liu, Xiaoyang; Ho, Daniel W. C.; Song, Qiang; Xu, Wenying	Finite/Fixed-Time Pinning Synchronization of Complex Networks With Stochastic Disturbances	IEEE Transactions On Cybernetics, 2019, 49(6):2398-2403	City University Of Hong Kong; Southeast University - China; Jiangsu Normal University; Henan University Of Technology;	37

47	Wu, Guohua; Shen, Xin; Li, Haifeng; Chen, Huangke; Lin, Anping; Suganthan, P. N.	Ensemble of differential evolution variants	Information Sciences, 2018, 423:172-186	Central South University;Wuhan University;National University Of Defense Technology - China;Nanyang Technological University & National Institute Of Education (Nie) Singapore;Nanyang Technological University;Hunan University;Foshan University;Collaborat Innovat Ctr Geospatial Technol;	37
48	Chen, Yuxin; Chen, Yongsheng; Shi, Chunmei; Huang, Zhibo; Zhang, Yong; Li, Shengkang; Li, Yan; Ye, Jia; Yu, Chang; Li, Zhuo; Zhang, Xiuqing; Wang, Jian; Yang, Huanming; Fang, Lin; Chen, Qiang	SOAPnuke: a MapReduce acceleration-supported software for integrated quality control and preprocessing of high-throughput sequencing data	Gigascience, 2017, 7(1):-	Beijing Genomics Institute (Bgi);National University Of Defense Technology - China;James D Watson Inst Genome Sci;Intel Corporation;Guangzhou University Of Chinese Medicine;Geneplus Beijing;Fujian Medical University;Fujian Key Lab Translat Canc Med;Chinese University Of Hong Kong;	36
49	Song, Jiangning; Wang, Yanan; Li, Fuyi; Akutsu, Tatsuya; Rawlings, Neil D.; Webb, Geoffrey I.; Chou, Kuo-Chen	iProt-Sub: a comprehensive package for accurately mapping and predicting protease-specific substrates and cleavage sites	Briefings In Bioinformatics, 2019, 20(2): 638-658	European Molecular Biology Laboratory (Embl);Monash University;Monash Biomedicine Discovery Institute;Kyoto University;Gordon Life Science Institute;	34

50	Ma, Zhanyu; Lai, Yuping; Kleijn, W. Bastiaan; Song, Yi-Zhe; Wang, Liang; Guo, Jun	Variational Bayesian Learning for Dirichlet Process Mixture of Inverted Dirichlet Distributions in Non-Gaussian Image Feature Modeling	IEEE Transactions On Neural Networks And Learning Systems, 2019, 30(2):449-463	Beijing University Of Posts & Telecommunications;Victoria University Wellington;University Of London;Queen Mary University London;North China University Of Technology;Chinese Academy Of Sciences;	34
51	Sheikholeslami, M.	Numerical approach for MHD Al2O3-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;	34
52	Li, Yannan; Yu, Yong; Min, Geyong; Susilo, Willy; Ni, Jianbing; Choo, Kim-Kwang Raymond	Fuzzy Identity-Based Data Integrity Auditing for Reliable Cloud Storage Systems	IEEE Transactions On Dependable And Secure Computing, 2019, 16(1):72-83	Shaanxi Normal University;University Of Wollongong;University Of Waterloo;University Of Texas System;University Of Texas At San Antonio (Utsa);University Of Exeter;University Of Electronic Science & Technology Of China;	34
53	Wang, Tian; Zhang, Guangxue; Liu, Anfeng; Bhuiyan, Md Zakirul Alam; Jin, Qun	A Secure IoT Service Architecture With an Efficient Balance Dynamics Based on Cloud and Edge Computing	IEEE Internet Of Things Journal, 2019, 6(3):4831-4843	Central South University;Waseda University;Huaqiao University;Fordham University;	33

54	Zhang, Deyu; Shen, Ruyin; Ren, Ju; Zhang, Yaoxue	Delay-Optimal Proactive Service Framework for Block-Stream as a Service	IEEE Wireless Communications Letters, 2018, 7(4):598-601	Central South University;	32
55	Novo, Oscar	Blockchain Meets IoT: An Architecture for Scalable Access Management in IoT	IEEE Internet Of Things Journal, 2018, 5(SI2):1184-1195	Ericsson;	32
56	Dong, Yucheng; Zhan, Min; Kou, Gang; Ding, Zhaogang; Liang, Haiming	A survey on the fusion process in opinion dynamics	Information Fusion, 2018, 43:57-65	Na-Northwest Univ Xian;Xidian University;Southwestern University Of Finance & Economics - China;Sichuan University;	31
57	Shen, Hao; Huo, Shicheng; Cao, Jinde; Huang, Tingwen	Generalized State Estimation for Markovian Coupled Networks Under Round-Robin Protocol and Redundant Channels	IEEE Transactions On Cybernetics, 2019, 49(4):1292-1301	Anhui University Of Technology;Texas A&M University Qatar;Southeast University - China;Shandong Normal University;Nantong University;	30
58	Sheikholeslami, M.; Gerdroodbary, M. Barzegar; Moradi, R.; Shafee, Ahmad; Li, Zhixiong	Application of Neural Network for estimation of heat transfer treatment of Al2O3-H2O 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;	30

59	Zhang, Xian-Ming; Han, Qing-Long; Zeng, Zhigang	Hierarchical Type Stability Criteria for Delayed Neural Networks via Canonical Bessel-Legendre Inequalities	IEEE Transactions On Cybernetics, 2018, 48(5):1660-1671	Huazhong University Of Science & Technology; Swinburne University Of Technology;	30
60	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 Univ; Hohai University;	28
61	Li, Chengqing; Lin, Dongdong; Lu, Jinhu; Hao, Feng	Cryptanalyzing an Image Encryption Algorithm Based on Autoblocking and Electrocardiography	IEEE Multimedia, 2018, 25(4):46-56	Beihang University; Xiangtan University; Newcastle University - Uk; Hunan University; Chinese Academy Of Sciences;	28
62	Cheng, Jun; Park, Ju H.; Cao, Jinde; Zhang, Dian	Quantized H-infinity filtering for switched linear parameter-varying systems with sojourn probabilities and unreliable communication channels	Information Sciences, 2018, 466:289-302	Hubei University For Nationalities; Yeungnam University; Southeast University - China; Qingdao University Of Science & Technology;	28

63	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(SI7):244-2462	Na-Dalian Jiaotong University;Southwest Jiaotong University;Sichuan University Of Science & Engineering;	27
64	Chen, Min; Hao, Yixue; Lin, Kai; Yuan, Zhiyong; Hu, Long	Label-less Learning for Traffic Control in an Edge Network	IEEE Network, 2018, 32(6):8-14	Dalian University Of Technology;Wuhan University;Wuhan Aiwac Robot Ltd;Huazhong University Of Science & Technology;	27
65	Wang, Xiaokang; Yang, Laurence T.; Xie, Xia; Jin, Jirong; Deen, M. Jamal	A Cloud-Edge Computing Framework for Cyber-Physical-Social Services	IEEE Communications Magazine, 2017, 55(11):80-85	Huazhong University Of Science & Technology;Saint Francis Xavier University - Canada;McMaster University;	25
66	Teng, Haojun; Liu, Yuxin; Liu, Anfeng; Xiong, Neal N.; Cai, Zhiping; Wang, Tian; Liu, Xuxun	A novel code data dissemination scheme for Internet of Things through mobile vehicle of smart cities	Future Generation Computer Systems-The International Journal Of Escience, 2019, 94:351-367	Central South University;South China University Of Technology;Northeastern State Univ;National University Of Defense Technology - China;Jiangsu High Technol Res Key Lab Wireless Sensor;Huaqiao University;	23
67	Ge, Xiaohua; Han, Qing-Long; Wang, Zidong	A Dynamic Event-Triggered Transmission Scheme for Distributed Set-Membership Estimation Over Wireless Sensor Networks	IEEE Transactions On Cybernetics, 2019, 49(1):171-183	Brunel University;Swinburne University Of Technology;	23

68	Zhang, Deyu; Qiao, Ying; She, Liang; Shen, Ruyin; Ren, Ju; Zhang, Yaoxue	Two Time-Scale Resource Management for Green Internet of Things Networks	IEEE Internet Of Things Journal, 2019, 6(1):545-556	Central South University;Hunan University Of Commerce;	22
69	Yildirim, Ozal; Plawiak, Pawel; Tan, Ru-San; Acharya, U. Rajendra	Arrhythmia detection using deep convolutional neural network with long duration ECG signals	Computers In Biology And Medicine, 2018, 102:411-420	Cracow University Of Technology;Taylor&Apos;S University;Singapore Sch Social Sci;Ngee Ann Polytech;National Heart Centre Singapore;Munzur University;Duke Nus Med Sch;	21
70	Xiao, Zhenyu; Zhu, Lipeng; Choi, Jinho; Xia, Pengfei; Xia, Xiang-Gen	Joint Power Allocation and Beamforming for Non-Orthogonal Multiple Access (NOMA) in 5G Millimeter Wave Communications	IEEE Transactions On Wireless Communications, 2018, 17(5): 2961-2974	Beihang University;University Of Delaware;Tongji University;Shenzhen University;Gwangju Institute Of Science & Technology (Gist);Collaborat Innovat Ctr Geospatial Technol;Beijing Lab Gen Aviat Technol;	21
71	Wang, Tian; Zhou, Jiyuan; Liu, Anfeng; Bhuiyan, Md Zakirul Alam; Wang, Guojun; Jia, Weijia	Fog-Based Computing and Storage Offloading for Data Synchronization in IoT	IEEE Internet Of Things Journal, 2019, 6(3):4272-4282	Central South University;University Of Macau;Huaqiao University;Guangzhou University;Fordham University;	19
72	Zhang, Xian-Ming; Han, Qing-Long; Ge, Xiaohua; Ding, Derui	An overview of recent developments in Lyapunov-Krasovskii functionals and stability criteria for recurrent neural	Neurocomputing, 2018, 313:392-401	Swinburne University Of Technology;	19

		networks with time-varying delays			
73	Silver, David; Hubert, Thomas; Schrittwieser, Julian; Antonoglou, Ioannis; Lai, Matthew; Guez, Arthur; Lanctot, Marc; Sifre, Laurent; Kumaran, Dharshan; Graepel, Thore; Lillicrap, Timothy; Simonyan, Karen; Hassabis, Demis	A general reinforcement learning algorithm that masters chess, shogi, and Go through self-play	Science, 2018, 362(6419):1140+	Deepmind;University Of London;University College London;	18
74	Fan, Hehe; Zheng, Liang; Yan, Chenggang; Yang, Yi	Unsupervised Person Re-identification: Clustering and Fine-tuning	ACM Transactions On Multimedia Computing Communications And Applications, 2018, 14(4), Article Number 83	Hangzhou Dianzi University;University Of Technology Sydney;	18
75	Chen, Min; Leung, Victor C. M.	From cloud-based communications to cognition-based communications: A computing perspective	Computer Communications, 2018, 128:74-79	Huazhong University Of Science & Technology;University Of British Columbia;	18
76	Wan, Shaohua; Zhao, Yu; Wang, Tian; Gu, Zonghua; Abbasi, Qammer H.; Choo, Kim-Kwang Raymond	Multi-dimensional data indexing and range query processing via Voronoi diagram for internet of things	Future Generation Computer Systems-The International Journal Of Escience, 2019, 91:382-391	Huaqiao University;Zhongnan University Of Economics & Law;Zhejiang University;University Of Texas System;University Of Texas At San Antonio (Utsa);University Of Glasgow;Technical University Of Munich;	17

77	Qin, Chuan; Ji, Ping; Chang, Chin-Chen; Dong, Jing; Sun, Xingming	Non-uniform Watermark Sharing Based on Optimal Iterative BTC for Image Tampering Recovery	IEEE Multimedia, 2018, 25(3):36-48	Chinese Academy Of Sciences;University Of Shanghai For Science & Technology;Nanjing University Of Information Science & Technology;Feng Chia University;	17
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