
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

本期编者：张桂英

发布日期：2018 年 11 月 20 日

ESI 计算机科学及其相关领域热点论文信息推送

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 2016 年 6 月到 2018 年 6 月发表的文章，在 2018 年 7~8
月内被引次数排名前 0.1% 的文章。数据更新时间为 2018 年 11 月 20 日。

本期 ESI 发布的计算机科学领域的热点文章共 85 篇，被引合计 4716 次。
其中：

- 单篇最高被引 318 次，最低被引 7 次，篇均被引约 55.5 次；
- 被引次数排名第一的论文，由南京信息工程大学 (*Nanjing University Of Information Science & Technology*) 的 Fu, Zhangjie (付章杰) 等人发表在 *IEEE Transactions On Parallel And Distributed Systems* 上，题名为 “*Enabling personalized search over encrypted outsourced data with efficiency improvement*”；
- 来源出版物出现最多的是 *IEEE Transactions On Neural Networks And Learning Systems*, 共 9 篇 (次)，总被引 483 次；
- 总被引排名第一的刊物 *IEEE Transactions On Information Forensics And Security*, 共 4 篇论文，合计被引 605 次。
- 第一作者署名机构最多的是南京信息工程大学 (*Nanjing University Of Information Science & Technology*), 共 10 篇论文，合计被引 1305 次，篇
均被引 130.5 次；
- 作者关键词出现频率前三位的分别是：
 - Deep learning (8 次)
 - Authentication (5 次)
 - Convolutional neural networks (5 次)

附表 : ESI 计算机科学领域热点论文 (2018 年 11 月更新)

序号	题名	作者	来源	作者机构	被引次数
1	<u>Enabling Personalized Search Over Encrypted Outsourced Data With Efficiency Improvement</u>	Fu, Zhangjie; Ren, Kui; Shu, Jiangang; Sun, Xingming; Huang, Fengxiao	IEEE Transactions On Parallel And Distributed Systems 27 (9): 2546-2559 Sep 1 2016	Nanjing University Of Information Science & Technology;State University Of New York (Suny) System;State University Of New York (Suny) Buffalo,State University Of New York (Suny) System;	318
2	<u>A Privacy-Preserving And Copy-Deterrence Content-Based Image Retrieval Scheme In Cloud Computing</u>	Xia, Zhihua; Wang, Xinhui; Zhang, Liangao; Qin, Zhan; Sun, Xingming; Ren, Kui	IEEE Transactions On Information Forensics And Security 11 (11): 2594-2608 Nov 2016	Nanjing University Of Information Science & Technology;State University Of New York (Suny) System;State University Of New York (Suny) Buffalo,State University Of New York (Suny) System;	221
3	<u>Structural Minimax Probability Machine</u>	Gu, Bin; Sun, Xingming; Sheng, Victor S.	IEEE Transactions On Neural Networks And Learning Systems 28 (7): 1646-1656 Jul 2017	Nanjing University Of Information Science & Technology;University Of Central Arkansas;	189
4	<u>Stan: A Probabilistic Programming Language</u>	Carpenter, Bob; Gelman, Andrew; Hoffman, Matthew D.; Lee, Daniel; Goodrich, Ben; Betancourt, Michael; Brubaker, Marcus A.; Guo, Jiqiang; Li, Peter; Riddell, Allen	Journal Of Statistical Software 76 (1): 1-29 Jan 2017	Na-Adobe Creat Technol Lab;York University - Canada;Npd Grp;Indiana University System,Indiana University Bloomington;Indiana University System;Columbia University;	186

5	<u>Toward Efficient Multi-Keyword Fuzzy Search Over Encrypted Outsourced Data With Accuracy Improvement</u>	Fu, Zhangjie; Wu, Xinle; Guan, Chaowen; Sun, Xingming; Ren, Kui	IEEE Transactions On Information Forensics And Security 11 (12): 2706-2716 Dec 2016	Nanjing University Of Information Science & Technology;State University Of New York (Suny) System;State University Of New York (Suny) Buffalo,State University Of New York (Suny) System;	180
6	<u>Effective And Efficient Global Context Verification For Image Copy Detection</u>	Zhou, Zhili; Wang, Yunlong; Wu, Q. M. Jonathan; Yang, Ching-Nung; Sun, Xingming	IEEE Transactions On Information Forensics And Security 12 (1): 48-63 Jan 2017	Nanjing University Of Information Science & Technology;University Of Windsor;National Dong Hwa University;	145
7	<u>Application Of Non-Orthogonal Multiple Access In Lte And 5g Networks</u>	Ding, Zhiguo; Liu, Yuanwei; Choi, Jinho; Sun, Qi; Elkashlan, Maged; I, Chih-Lin; Poor, H. Vincent	IEEE Communications Magazine 55 (2): 185-191 Feb 2017	Gwangju Institute Of Science & Technology;University Of London,Queen Mary University London;University Of London;Princeton University;Lancaster University;	114
8	<u>Lmertest Package: Tests In Linear Mixed Effects Models</u>	Kuznetsova, Alexandra; Brockhoff, Per B.; Christensen, Rune H. B.	Journal Of Statistical Software 82 (13): 1-26 Dec 2017	Technical University Of Denmark;	96
9	<u>Asynchronous Dissipative State Estimation For Stochastic Complex Networks With Quantized Jumping Coupling And Uncertain Measurements</u>	Xu, Yong; Lu, Renquan; Peng, Hui; Xie, Kan; Xue, Anke	IEEE Transactions On Neural Networks And Learning Systems 28 (2): 268-277 Feb 2017	Guangdong University Of Technology;Hangzhou Dianzi University;	94

10	<u>Fog And Iot: An Overview Of Research Opportunities</u>	Chiang, Mung; Zhang, Tao	IEEE Internet Of Things Journal 3 (6): 854-864 Dec 2016	Na-Cisco Systems Inc;Princeton University;	89
11	<u>A Belief Propagation-Based Method For Task Allocation In Open And Dynamic Cloud Environments</u>	Kong, Yan; Zhang, Minjie; Ye, Dayong	Knowledge-Based Systems 115: 123-132 Jan 1 2017	Nanjing University Of Information Science & Technology;University Of Wollongong;	87
12	<u>Efficient Multi-User Computation Offloading For Mobile-Edge Cloud Computing</u>	Chen, Xu; Jiao, Lei; Li, Wenzhong; Fu, Xiaoming	IEEE-ACM Transactions On Networking 24 (5): 2827-2840 Oct 2016	Alcatel-Lucent;University Of Gottingen;Nanjing University;	84
13	<u>Brain Tumor Segmentation With Deep Neural Networks</u>	Havaei, Mohammad; Davy, Axel; Warde-Farley, David; Biard, Antoine; Courville, Aaron; Bengio, Yoshua; Pal, Chris; Jodoin, Pierre-Marc; Larochelle, Hugo	Medical Image Analysis 35: 18-31 Jan 2017	Ecole Normale Supérieure (Ens),Psl Research University Paris (Comue);University Of Sherbrooke;University Of Montreal;Université Paris Saclay (Comue),Ecole Polytechnique;Université Paris Saclay (Comue);Psl Research University Paris (Comue);Polytechnique Montreal,University Of Montreal;	83

14	<u>A Provably-Secure Cross-Domain Handshake Scheme With Symptoms-Matching For Mobile Healthcare Social Network</u>	He, Debiao; Kumar, Neeraj; Wang, Huaqun; Wang, Lina; Choo, Kim-Kwang Raymond; Vinel, Alexey	IEEE Transactions On Dependable And Secure Computing 15 (4): 633-645 Jul-Aug 2018	China University Of Geosciences;Wuhan University;University Of Texas System,University Of Texas At San Antonio (Utsa);University Of Texas System;University Of South Australia;Thapar University;State Key Lab Cryptol;Nanjing University Of Posts & Telecommunications;Halmstad University;	78
15	<u>Anonymous Authentication For Wireless Body Area Networks With Provable Security</u>	He, Debiao; Zeadally, SherAli; Kumar, Neeraj; Lee, Jong-Hyouk	IEEE Systems Journal 11 (4): 2590-2601 Dec 2017	Guilin University Of Electronic Technology;Wuhan University;University Of Kentucky;Thapar University;Sang Myung University;	78
16	<u>Infrared And Visible Image Fusion Via Gradient Transfer And Total Variation Minimization</u>	Ma, Jiayi; Chen, Chen; Li, Chang; Huang, Jun	Information Fusion 31: 100-109 Sep 2016	Huazhong University Of Science & Technology;Wuhan University;University Of Illinois Urbana-Champaign,University Of Illinois System;University Of Illinois System;	77
17	<u>A Survey On Deep Learning In Medical Image Analysis</u>	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.	Medical Image Analysis 42: 60-88 Dec 2017	Radboud University Nijmegen;	74

18	<u>Deep Multimodal</u> <u>Distance Metric Learning</u> <u>Using Click Constraints</u> <u>For Image Ranking</u>	Yu, Jun; Yang, Xiaokang; Gao, Fei; Tao, Dacheng	IEEE Transactions On Cybernetics 47 (12): 4014-4024 Dec 2017	Hangzhou Dianzi University;University Of Technology Sydney;Shanghai Jiao Tong University;	73
19	<u>Adaptive Fuzzy</u> <u>Output-Feedback</u> <u>Stabilization Control For</u> <u>A Class Of Switched</u> <u>Nonstrict-Feedback</u> <u>Nonlinear Systems</u>	Li, Yongming; Tong, Shaocheng	IEEE Transactions On Cybernetics 47 (4): 1007-1016 Apr 2017	Liaoning University Of Technology;	73
20	<u>Efficient Multi-Scale 3d</u> <u>Cnn With Fully</u> <u>Connected Crf For</u> <u>Accurate Brain Lesion</u> <u>Segmentation</u>	Kamnitsas, Konstantinos; Ledig, Christian; Newcombe, Virginia F. J.; Sirnson, Joanna P.; Kane, Andrew D.; Menon, David K.; Rueckert, Daniel; Glocker, Ben	Medical Image Analysis 36: 61-78 Feb 2017	Imperial College London;University Of Cambridge;	70
21	<u>Distributed Networked</u> <u>Control Systems: A Brief</u> <u>Overview</u>	Ge, Xiaohua; Yang, Fuwen; Han, Qing-Long	Information Sciences 380: 117-131 Feb 2017	Griffith University;	70
22	<u>Mastering The Game Of</u> <u>Go Without Human</u> <u>Knowledge</u>	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,	Nature 550 (7676): 354-- Oct 19 2017	Na-Deepmind;	69

		Demis			
23	<u>Practical Bayesian Model Evaluation Using Leave-One-Out Cross-Validation And Waic</u>	Vehtari, Aki; Gelman, Andrew; Gabry, Jonah	Statistics And Computing 27 (5): 1413-1432 Sep 2017	Aalto University;Columbia University;	68
24	<u>Basics Of Meta-Analysis: I-2 Is Not An Absolute Measure Of Heterogeneity</u>	Borenstein, Michael; Higgins, Julian P. T.; Hedges, Larry V.; Rothstein, Hannah R.	Research Synthesis Methods 8 (1): 5-18 Mar 2017	Na-Biostat Inc;University Of Bristol;Northwestern University;City University Of New York (Cuny) System,Baruch College (Cuny);City University Of New York (Cuny) System;	64
25	<u>Real-Time Environmental Applications And Display System: Ready</u>	Rolph, Glenn; Stein, Ariel; Stunder, Barbara	Environmental Modelling & Software 95: 210-228 Sep 2017	National Oceanic Atmospheric Admin (Noaa) - Usa;	63
26	<u>Personalized Individual Semantics In Computing With Words For Supporting Linguistic Group Decision Making. An Application On Consensus Reaching</u>	Li, Cong-Cong; Dong, Yucheng; Herrera, Francisco; Herrera-Viedma, Enrique; Martinez, Luis	Information Fusion 33: 29-40 Jan 2017	King Abdulaziz University;University Of Granada;Universidad De Jaen;Sichuan University;	63

27	<u>An Efficient Public Auditing Protocol With Novel Dynamic Structure For Cloud Data</u>	Shen, Jian; Shen, Jun; Chen, Xiaofeng; Huang, Xinyi; Susilo, Willy	IEEE Transactions On Information Forensics And Security 12 (10): 2402-2415 Oct 2017	Chinese Academy Of Sciences;Xidian University;University Of Wollongong;Nanjing University Of Information Science & Technology;Institute Of Information Engineering, Cas,Chinese Academy Of Sciences;Fujian Normal University;	59
28	<u>Secure Attribute-Based Data Sharing For Resource-Limited Users In Cloud Computing</u>	Li, Jin; Zhang, Yinghui; Chen, Xiaofeng; Xiang, Yang	Computers & Security 72: 1-12 Jan 2018	Chinese Academy Of Sciences;Xidian University;Xi&Apos;An University Of Posts & Telecommunications;Westone Cryptol Res Ctr;Swinburne University Of Technology;State Key Lab Cryptol;Guangzhou University;	58
29	<u>Imagej2: Imagej For The Next Generation Of Scientific Image Data</u>	Rueden, Curtis T.; Schindelin, Johannes; Hiner, Mark C.; DeZonia, Barry E.; Walter, Alison E.; Arena, Ellen T.; Eliceiri, Kevin W.	BMC Bioinformatics 18: - Nov 29 2017	University Of Wisconsin System;University Of Wisconsin System,University Of Wisconsin Madison;University Of Wisconsin System,The Morgridge Institute For Research, Inc.,University Of Wisconsin Madison;	57
30	<u>Energy Efficient User Association And Power Allocation In Millimeter-Wave-Based Ultra Dense Networks With Energy Harvesting Base Stations</u>	Zhang, Haijun; Huang, Site; Jiang, Chunxiao; Long, Keping; Leung, Victor C. M.; Poor, H. Vincent	IEEE Journal On Selected Areas In Communications 35 (9): 1936-1947 Sep 2017	Beijing University Of Chemical Technology;University Of Science & Technology Beijing;University Of Melbourne;University Of British Columbia;Tsinghua University;Princeton University;	56

31	<u>Imagenet Classification With Deep Convolutional Neural Networks</u>	Krizhevsky, Alex; Sutskever, Ilya; Hinton, Geoffrey E.	Communications Of The ACM 60 (6): 84-90 Jun 2017	Google Incorporated;Openai;	56
32	<u>Verifiable Computation Over Large Database With Incremental Updates</u>	Chen, Xiaofeng; Li, Jin; Weng, Jian; Ma, Jianfeng; Lou, Wenjing	IEEE Transactions On Computers 65 (10): 3184-3195 Oct 1 2016	Chinese Academy Of Sciences;Xidian University;Virginia Polytechnic Institute & State University;State Key Lab Cryptol;Jinan Univ;Guangzhou University;	55
33	<u>Long Non-Coding Rnas And Complex Diseases: From Experimental Results To Computational Models</u>	Chen, Xing; Yan, Chenggang Clarence; Zhang, Xu; You, Zhu-Hong	Briefings In Bioinformatics 18 (4): 558-576 Jul 2017	China University Of Mining & Technology;Shandong University;Hangzhou Dianzi University;	55
34	<u>Pixel-Level Image Fusion: A Survey Of The State Of The Art</u>	Li, Shutao; Kang, Xudong; Fang, Leyuan; Hu, Jianwen; Yin, Haitao	Information Fusion 33: 100-112 Jan 2017	Changsha University Of Science & Technology;Nanjing University Of Posts & Telecommunications;Hunan University;	55
35	<u>A General Power Allocation Scheme To Guarantee Quality Of Service In Downlink And Uplink Noma Systems</u>	Yang, Zheng; Ding, Zhiguo; Fan, Pingzhi; Al-Dhahir, Naofal	IEEE Transactions On Wireless Communications 15 (11): 7244-7257 Nov 2016	Lancaster University;University Of Texas System,University Of Texas Dallas;University Of Texas System;Southwest Jiaotong University;	52

36	<u>Forensics Feature Analysis In Quaternion Wavelet Domain For Distinguishing Photographic Images And Computer Graphics</u>	Wang, Jinwei; Li, Ting; Shi, Yun-Qing; Lian, Shiguo; Ye, Jingyu	Multimedia Tools And Applications 76 (22): 23721-23737 Nov 2017	Huawei Technologies;New Jersey Institute Of Technology;Nanjing University Of Information Science & Technology;	50
37	<u>A Reference Vector Guided Evolutionary Algorithm For Many-Objective Optimization</u>	Cheng, Ran; Jin, Yaochu; Olhofer, Markus; Sendhoff, Bernhard	IEEE Transactions On Evolutionary Computation 20 (5): 773-791 Oct 2016	Donghua University;University Of Surrey;Honda Motor Company;	50
38	<u>Bag Of Visual Words And Fusion Methods For Action Recognition: Comprehensive Study And Good Practice</u>	Peng, Xiaojiang; Wang, Limin; Wang, Xingxing; Qiao, Yu	Computer Vision And Image Understanding 150: 109-125 Sep 2016	Chinese Academy Of Sciences;Univ Bretagne Loire,Inria,Univ Cote Dazur Comue;Shenzhen Institute Of Advanced Technology, Cas,Chinese Academy Of Sciences;Hengyang Normal University;Eth Zurich,Swiss Federal Institutes Of Technology Domain;	47
39	<u>A Self-Adaptive Artificial Bee Colony Algorithm Based On Global Best For Global Optimization</u>	Xue, Yu; Jiang, Jiongming; Zhao, Binping; Ma, Tinghuai	Soft Computing 22 (9): 2935-2952 May 2018	Nanjing University Of Information Science & Technology;	47
40	<u>An Approach To Interval-Valued Intuitionistic Stochastic Multi-Criteria Decision-Making Using Set Pair Analysis</u>	Cao, Yong-xi; Zhou, Huan; Wang, Jian-qiang	International Journal Of Machine Learning And Cybernetics 9 (4): 629-640 Apr 2018	Central South University;	47

41	<u>Observer-Based Consensus Tracking Of Nonlinear Agents In Hybrid Varying Directed Topology</u>	Cao, Yang; Zhang, Liangyin; Li, Chanying; Chen, Michael Z. Q.	IEEE Transactions On Cybernetics 47 (8): 2212-2222 Sp. Iss. Si Aug 2017	Cas,Chinese Academy Of Sciences,Academy Of Mathematics & System Sciences;University Of Hong Kong;Chinese Academy Of Sciences;	47
42	<u>Vehicular Social Networks: Enabling Smart Mobility</u>	Ning, Zhaolong; Xia, Feng; Ullah, Noor; Kong, Xiangjie; Hu, Xiping	IEEE Communications Magazine 55 (5): 49-55 May 2017	Chinese Academy Of Sciences;Shenzhen Institute Of Advanced Technology, Cas,Chinese Academy Of Sciences;Key Lab Ubiquitous Network & Serv Software Liaoni;Dalian University Of Technology;	44
43	<u>Large Scale Deep Learning For Computer Aided Detection Of Mammographic Lesions</u>	Kooi, Thijs; Litjens, Geert; van Ginneken, Bram; Gubern-Merida, Albert; Sanchez, Clara I.; Mann, Ritse; den Heeten, Ard; Karssemeijer, Nico	Medical Image Analysis 35: 303-312 Jan 2017	Academic Medical Center Amsterdam,University Of Amsterdam;University Of Amsterdam;Radboud University Nijmegen;	44
44	<u>Event-Triggered Fault Detection Filter Design For A Continuous-Time Networked Control System</u>	Wang, Yu-Long; Shi, Peng; Lim, Cheng-Chew; Liu, Yuan	IEEE Transactions On Cybernetics 46 (12): 3414-3426 Dec 2016	Harbin Engineering University;Victoria University;University Of Adelaide;Jiangsu University Of Science & Technology;Harbin Institute Of Technology;	43
45	<u>Communications And Signals Design For Wireless Power Transmission</u>	Zeng, Yong; Clerckx, Bruno; Zhang, Rui	IEEE Transactions On Communications 65 (5): 2264-2290 May 2017	Agency For Science Technology & Research (Astar);National University Of Singapore;Institute For Infocomm Research;Imperial College London;	43

46	<u>Enhancing The Physical Layer Security Of Non-Orthogonal Multiple Access In Large-Scale Networks</u>	Liu, Yuanwei; Qin, Zhijin; Elkashlan, Maged; Gao, Yue; Hanzo, Lajos	IEEE Transactions On Wireless Communications 16 (3): 1656-1672 Mar 2017	University Of London;University Of Southampton;University Of London,Queen Mary University London;	43
47	<u>Phase-Field Analysis Of Finite-Strain Plates And Shells Including Element Subdivision</u>	Areias, P.; Rabczuk, T.; Msekh, M. A.	Computer Methods In Applied Mechanics And Engineering 312: 322-350 Sp. Iss. Si Dec 1 2016	Bauhaus-Universitat Weimar;University Of Evora;University Of Babylon;Universidade De Lisboa;Duy Tan University;	43
48	<u>Insight Of The Protection For Data Security Under Selective Opening Attacks</u>	Huang, Zhengan; Liu, Shengli; Mao, Xianping; Chen, Kefei; Li, Jin	Information Sciences 412: 223-241 Oct 2017	Guangzhou University;Westone Cryptol Res Ctr;State Key Lab Math Engn & Adv Comp;Shanghai Koal Software Co Ltd;Shanghai Jiao Tong University;Hangzhou Normal University;	42
49	<u>Robust Joint Graph Sparse Coding For Unsupervised Spectral Feature Selection</u>	Zhu, Xiaofeng; Li, Xuelong; Zhang, Shichao; Ju, Chunhua; Wu, Xindong	IEEE Transactions On Neural Networks And Learning Systems 28 (6): 1263-1275 Jun 2017	Chinese Academy Of Sciences;Zhejiang Gongshang University;Xian Institute Of Optics & Precision Mechanics, Cas,Chinese Academy Of Sciences;University Of Vermont;State Key Laboratory Of Transient Optics & Photonics;Guangxi Normal University;	42
50	<u>Distribution Of Primary Additional Errors In Fractal Encoding Method</u>	Liu, Shuai; Fu, Weinan; He, Liqiang; Zhou, Jiantao; Ma, Ming	Multimedia Tools And Applications 76 (4): 5787-5802 Feb 2017	Na-Inner Mongolia University;	41

51	<u>A Software Framework For Probabilistic Sensitivity Analysis For Computationally Expensive Models</u>	Vu-Bac, N.; Lahmer, T.; Zhuang, X.; Nguyen-Thoi, T.; Rabczuk, T.	Advances In Engineering Software 100: 19-31 Oct 2016	Bauhaus-Universitat Weimar;University Of Hannover;Tongji University;Ton Duc Thang University;	41
52	<u>Robust Estimation For Neural Networks With Randomly Occurring Distributed Delays And Markovian Jump Coupling</u>	Xu, Yong; Lu, Renquan; Shi, Peng; Tao, Jie; Xie, Shengli	IEEE Transactions On Neural Networks And Learning Systems 29 (4): 845-855 Apr 2018	Guangdong University Of Technology;Zhejiang University;Victoria University;University Of Adelaide;Huabei Normal University;	40
53	<u>Nonfragile Exponential Synchronization Of Delayed Complex Dynamical Networks With Memory Sampled-Data Control</u>	Liu, Yajuan; Guo, Bao-Zhu; Park, Ju H.; Lee, Sang-Moon	IEEE Transactions On Neural Networks And Learning Systems 29 (1): 118-128 Jan 2018	Cas,Chinese Academy Of Sciences,Academy Of Mathematics & System Sciences;Yeungnam University;University Of Witwatersrand;Kyungpook National University;Chinese Academy Of Sciences;	37
54	<u>Deep Learning For Health Informatics</u>	Ravi, Daniele; Wong, Charence; Deligianni, Fani; Berthelot, Melissa; Andreu-Perez, Javier; Lo, Benny; Yang, Guang-Zhong	IEEE Journal Of Biomedical And Health Informatics 21 (1): 4-21 Jan 2017	Imperial College London;	36
55	<u>Adaptive Fuzzy Neural Network Control For A Constrained Robot Using Impedance Learning</u>	He, Wei; Dong, Yiting	IEEE Transactions On Neural Networks And Learning Systems 29 (4): 1174-1186 Apr 2018	University Of Electronic Science & Technology Of China;University Of Science & Technology Beijing;	35

56	<u>Deep Learning In Bioinformatics</u>	Min, Seonwoo; Lee, Byunghan; Yoon, Sungroh	Briefings In Bioinformatics 18 (5): 851-869 Sep 2017	Seoul National University;	35
57	<u>Dual-Horizon Peridynamics: A Stable Solution To Varying Horizons</u>	Ren, Hui long; Zhuang, Xiao ying; Rabczuk, Timon	Computer Methods In Applied Mechanics And Engineering 318: 762-782 May 1 2017	Bauhaus-Universitat Weimar; University Of Hannover; Tongji University; Ton Duc Thang University;	34
58	<u>A Resource Allocation Model Based On Double-Sided Combinational Auctions For Transparent Computing</u>	Wang, Jiaze; Liu, Anfeng; Yan, Tong; Zeng, Zhiwen	Peer-To-Peer Networking And Applications 11 (4): 679-696 Sp. Iss. Si Jul 2018	Beijing Normal University; Hong Kong Baptist University; Central South University;	30
59	<u>An Overview Of Recent Advances In Event-Triggered Consensus Of Multiagent Systems</u>	Ding, Lei; Han, Qing-Long; Ge, Xiaohua; Zhang, Xian-Ming	IEEE Transactions On Cybernetics 48 (4): 1110-1123 Apr 2018	Swinburne University Of Technology;	29
60	<u>Multi-Criteria Decision-Making Based On Generalized Prioritized Aggregation Operators Under Simplified Neutrosophic Uncertain Linguistic Environment</u>	Tian, Zhang-peng; Wang, Jing; Zhang, Hong-yu; Wang, Jian-qiang	International Journal Of Machine Learning And Cybernetics 9 (3): 523-539 Sp. Iss. Si Mar 2018	Central South University;	26

61	<u>Anonymous Mutual Authentication And Key Agreement Scheme For Wearable Sensors In Wireless Body Area Networks</u>	Li, Xiong; Ibrahim, Maged Hamada; Kumari, Saru; Sangaiah, Arun Kumar; Gupta, Vidushi; Choo, Kim-Kwang Raymond	Computer Networks 129: 429-443 Part 2 Sp. Iss. Si Dec 24 2017	Na-Chaudhary Charan Singh University;Vellore Institute Of Technology;University Of Texas System,University Of Texas At San Antonio (Utsa);University Of Texas System;University Of Delhi;Hunan University Of Science & Technology;Helwan University;	26
62	<u>A Survey On Deep Learning For Big Data</u>	Zhang, Qingchen; Yang, Laurence T.; Chen, Zhikui; Li, Peng	Information Fusion 42: 146-157 Jul 2018	Dalian University Of Technology;University Of Electronic Science & Technology Of China;Saint Francis Xavier University - Canada;	24
63	<u>Feature Subset Selection Based On Fuzzy Neighborhood Rough Sets</u>	Wang, Changzhong; Shao, Mingwen; He, Qiang; Qian, Yuhua; Qi, Yali	Knowledge-Based Systems 111: 173-179 Nov 1 2016	Na-Beijing University Of Civil Engineering & Architecture;Shanxi University;China University Of Petroleum;Bohai University;	23
64	<u>Automatic Identification Of Epileptic Seizures From Eeg Signals Using Linear Programming Boosting</u>	Hassan, Ahnaf Rashik; Subasi, Abdulhamit	Computer Methods And Programs In Biomedicine 136: 65-77 Nov 2016	Bangladesh University Engineering & Technology;Effat Univ;	23
65	<u>Towards Unsupervised Physical Activity Recognition Using Smartphone Accelerometers</u>	Lu, Yonggang; Wei, Ye; Liu, Li; Zhong, Jun; Sun, Letian; Liu, Ye	Multimedia Tools And Applications 76 (8): 10701-10719 Apr 2017	Chongqing University;National University Of Singapore;Lanzhou University;	22

66	<u>Enabling IoT Interoperability Through Opportunistic Smartphone-Based Mobile Gateways</u>	Aloi, G.; Caliciuri, G.; Fortino, G.; Gravina, R.; Pace, P.; Russo, W.; Savaglio, C.	Journal Of Network And Computer Applications 81: 74-84 Mar 1 2017	University Of Calabria;	22
67	<u>Adaptive Boundary Iterative Learning Control For An Euler-Bernoulli Beam System With Input Constraint</u>	He, Wei; Meng, Tingting; Huang, Deqing; Li, Xuefang	IEEE Transactions On Neural Networks And Learning Systems 29 (5): 1539-1549 May 2018	National University Of Singapore;University Of Science & Technology Beijing;University Of Electronic Science & Technology Of China;Southwest Jiaotong University;	21
68	<u>A Survey On Recent Advances In Distributed Sampled-Data Cooperative Control Of Multi-Agent Systems</u>	Ge, Xiaohua; Han, Qing-Long; Ding, Derui; Zhang, Xian-Ming; Ning, Boda	Neurocomputing 275: 1684-1701 Jan 31 2018	Swinburne University Of Technology;	19
69	<u>Some Muirhead Mean Operators For Probabilistic Linguistic Term Sets And Their Applications To Multiple Attribute Decision-Making</u>	Liu, Peide; Teng, Fei	Applied Soft Computing 68: 396-431 Jul 2018	Na-Shandong University Of Finance & Economics;	19
70	<u>Facial Expression Recognition In Video With Multiple Feature Fusion</u>	Chen, Junkai; Chen, Zenghai; Chi, Zheru; Fu, Hong	IEEE Transactions On Affective Computing 9 (1): 38-50 Jan-Mar 2018	Na-Chu Hai Coll Higher Educ;Nanyang Technological University,Nanyang Technological University & National Institute Of Education (Nie) Singapore;Nanyang Technological University & National Institute Of Education (Nie) Singapore;Hong Kong Polytechnic University;	19

71	<u>On The Challenges In Designing Identity-Based Privacy-Preserving Authentication Schemes For Mobile Devices</u>	Wang, Ding; Cheng, Haibo; He, Debiao; Wang, Ping	IEEE Systems Journal 12 (1): 916-925 Sp. Iss. Si Mar 2018	Peking University; Wuhan University;	18
72	<u>A Three-Factor Anonymous Authentication Scheme For Wireless Sensor Networks In Internet Of Things Environments</u>	Li, Xiong; Niu, Jianwei; Kumari, Saru; Wu, Fan; Sangaiah, Arun Kumar; Choo, Kim-Kwang Raymond	Journal Of Network And Computer Applications 103: 194-204 Feb 1 2018	Beihang University; Xiamen Institute Of Technology, Huaqiao University; Vellore Institute Of Technology; University Of Texas System, University Of Texas At San Antonio (Utsa); University Of Texas System; Hunan University Of Science & Technology; Chaudhary Charan Singh University;	17
73	<u>Improved Stability And Stabilization Results For Stochastic Synchronization Of Continuous-Time Semi-Markovian Jump Neural Networks With Time-Varying Delay</u>	Wei, Yanling; Park, Ju H.; Karimi, Hamid Reza; Tian, Yu-Chu; Jung, Hoyoul	IEEE Transactions On Neural Networks And Learning Systems 29 (6): 2488-2501 Jun 2018	Polytechnic University Of Milan; Yeungnam University; Queensland University Of Technology (Qut);	16
74	<u>A Robust Biometrics Based Three-Factor Authentication Scheme For Global Mobility Networks In Smart City</u>	Li, Xiong; Niu, Jianwei; Kumari, Saru; Wu, Fan; Choo, Kim-Kwang Raymond	Future Generation Computer Systems-The International Journal Of Escience 83: 607-618 Jun 2018	Beihang University; Xiamen Institute Of Technology, Huaqiao University; University Of Texas System, University Of Texas At San Antonio (Utsa); University Of Texas System; Hunan University Of Science & Technology; Chaudhary Charan Singh University;	15

75	<u>Two Birds With One Stone: Two-Factor Authentication With Security Beyond Conventional Bound</u>	Wang, Ding; Wang, Ping	IEEE Transactions On Dependable And Secure Computing 15 (4): 708-722 Jul-Aug 2018	Peking University;	12
76	<u>Clustering Based Energy Efficient And Communication Protocol For Multiple Mix-Zones Over Road Networks</u>	Arain, Qasim Ali; Uqaili, Muhammad Aslam; Deng, Zhongliang; Memon, Imran; Jiao, Jichao; Shaikh, Muhammad Akram; Zubedi, Asma; Ashraf, Aisha; Arain, Usman Ali	Wireless Personal Communications 95 (2): 411-428 Jul 2017	Beijing University Of Posts & Telecommunications;Zhejiang University;Mehran University Engineering & Technology;	12
77	<u>The Great Time Series Classification Bake Off: A Review And Experimental Evaluation Of Recent Algorithmic Advances</u>	Bagnall, Anthony; Lines, Jason; Bostrom, Aaron; Large, James; Keogh, Eamonn	Data Mining And Knowledge Discovery 31 (3): 606-660 May 2017	University Of California Riverside,University Of California System;University Of East Anglia;University Of California System;	11
78	<u>Channel Prediction Based Scheduling For Data Dissemination In Vanets</u>	Zeng, Fanhui; Zhang, Rongqing; Cheng, Xiang; Yang, Liuqing	IEEE Communications Letters 21 (6): 1409-1412 Jun 2017	Chinese Academy Of Sciences;Xidian University;Peking University;Colorado State University;	11
79	<u>Design Optimization Of Resource Combination For Collaborative Logistics Network Under Uncertainty</u>	Xu, Xiao-Feng; Hao, Jun; Deng, Yi-Rui; Wang, Yong	Applied Soft Computing 56: 684-691 Jul 2017	China University Of Petroleum;Dept Planning & Finance China Petr Daily;	11

80	<u>Gene Co-Expression Analysis For Functional Classification And Gene-Disease Predictions</u>	van Dam, Sipko; Vosa, Urmo; van der Graaf, Adriaan; Franke, Lude; de Magalhaes, Joao Pedro	Briefings In Bioinformatics 19 (4): 575-592 Jul 2018	University Of Groningen;University Of Liverpool;	10
81	<u>Distributed Optimal Consensus Over Resource Allocation Network And Its Application To Dynamical Economic Dispatch</u>	Li, Chaojie; Yu, Xinghuo; Huang, Tingwen; He, Xing	IEEE Transactions On Neural Networks And Learning Systems 29 (6): 2407-2418 Jun 2018	Royal Melbourne Institute Of Technology (Rmit);Texas A&M University Qatar;Southwest University - China;	9
82	<u>An Integer Wavelet Transform Based Scheme For Reversible Data Hiding In Encrypted Images</u>	Xiong, Lizhi; Xu, Zhengquan; Shi, Yun-Qing	Multidimensional Systems And Signal Processing 29 (3): 1191-1202 Jul 2018	Nanjing University Of Information Science & Technology;Wuhan University;New Jersey Institute Of Technology;	9
83	<u>Location Monitoring Approach: Multiple Mix-Zones With Location Privacy Protection Based On Traffic Flow Over Road Networks</u>	Arain, Qasim Ali; Memon, Imran; Deng, Zhongliang; Memon, Muhammad Hammad; Mangi, Farman Ali; Zubedi, Asma	Multimedia Tools And Applications 77 (5): 5563-5607 Mar 2018	Beijing University Of Posts & Telecommunications;Zhejiang University;University Of Electronic Science & Technology Of China;	8
84	<u>Deep Learning In Agriculture: A Survey</u>	Kamilaris, Andreas; Prenafeta-Boldu, Francesc X.	Computers And Electronics In Agriculture 147: 70-90 Apr 2018	Irt;a;	7

85	<u>A Light Weight Authentication Protocol For Iot-Enabled Devices In Distributed Cloud Computing Environment</u>	Amin, Ruhul; Kumar, Neeraj; Biswas, G. P.; Iqbal, R.; Chang, Victor	Future Generation Computer Systems-The International Journal Of Escience 78: 1005-1019 Part 3 Jan 2018	Coventry University;Xi&Apos;An Jiaotong-Liverpool University;Thapar University;Indian Institute Of Technology System (lit System),Indian Institute Of Technology (Indian School Of Mines) Dhanbad;Indian Institute Of Technology System (lit System);	7
----	--	---	--	---	---

《ESI 中计算机科学领域热点论文信息推送》

《ESI 中计算机科学领域热点论文信息推送》是由中国科学院自动化研究所科研支持部编辑的内部资料。该简报每两月一期，向所内相关领域科研和管理工作者发布计算机科学相关领域的 ESI 热点论文信息。

请阅读者自行遵守知识产权相关规定。如需转载，请联系相关人员。

联系人：张桂英

邮箱：guiying.zhang@ia.ac.cn

电话：010-82544534