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# ESI 计算机科学领域 热点论文信息推送

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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 1 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 2016 年 8 月到 2018 年 8 月发表的文章,在 2018 年 9~10 月内被引次数排名前 0.1% 的文章。数据更新时间为 2019 年 01 月 19 日。

本期 ESI 发布的计算机科学领域的热点文章共 89 篇,其中:

- 单篇最高被引 227 次,篇均被引约 48.8 次;相比上期,新入榜 63 篇,单篇最高被引 136 次;
- 单篇被引最高的论文,由美国哥伦比亚大学 (Columbia Univ) 的 *Carpenter, Bob* 等人在 *Journal of Statistical Software* 上发表,题名为 “*Stan: A Probabilistic Programming Language*”;
- 本期新入榜的文章中,单篇被引最高的论文,由辽宁工业大学 (*Liaoning University Of Technology*) 的 *Li, Yongming* 等人发表在 *IEEE Transactions on Cybernetics*。
- 来源出版物出现最多的是分别是 *IEEE Transactions on Cybernetics* 和 *Information Sciences*, 均有 8 篇,篇均被引分别为 58 次和 31.1 次。
- 篇均被引最多的出版物为 *Journal of Statistical Software*, 共 3 篇论文,篇均被引 144 次。

附表：ESI 计算机科学领域热点论文 (2019 年 1 月更新)

注：红色标记代表相比上期首次入榜文章。

序号	题名	作者	来源	作者机构	被引次数
1	<u>Stan: A Probabilistic Programming Language</u>	CARPENTER, B;GELMAN, A;HOFFMAN, MD;LEE, D;GOODRICH, B;BETANCOURT, M;RIDDELL, A;GUO, JQ;LI, P;RIDDELL, A	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;	227
2	<u>Structural Minimax Probability Machine</u>	GU, B;SUN, XM;SHENG, VS	IEEE Transactions on Neural Networks and Learning Systems 28 (7): 1646-1656 JUL 2017	Nanjing University Of Information Science & Technology;University Of Central Arkansas;	201
3	<u>Toward Efficient Multi-Keyword Fuzzy Search Over Encrypted Outsourced Data With Accuracy Improvement</u>	FU, ZJ;WU, XL;GUAN, CW;SUN, XM;REN, K	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;	195

4	<u>Lmertest Package: Tests In Linear Mixed Effects Models</u>	KUZNETSOVA, A;BROCKHOFF, PB;CHRISTENSEN, RHB	Journal of statistical software 82 (13): 1-26 DEC 2017	Technical University Of Denmark;	155
5	<u>Application Of Non-Orthogonal Multiple Access In Lte And 5G Networks</u>	DING, ZG;LIU, YW;CHOI, J;SUN, Q;ELKASHLAN, M;l, CL;POOR, HV	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;	145
6	<u>Adaptive Fuzzy Control Design For Stochastic Nonlinear Switched Systems With Arbitrary Switchings And Unmodeled Dynamics</u>	LI, YM;SUI, SA;TONG, SC	IEEE Transactions on Cybernetics 47 (2): 403-414 FEB 2017	Liaoning University Of Technology;	136
7	<u>Fog And Iot: An Overview Of Research Opportunities</u>	CHIANG, M;ZHANG, T	IEEE Internet Of Things Journal 3 (6): 854-864 DEC 2016	Na-Cisco Systems Inc;Princeton University;	118
8	<u>A Survey On Deep Learning In Medical Image Analysis</u>	LITJENS, G;KOOI, T;BEJNORDI, BE;SETIO, AAA;CIOMPI, F;GHAFOORIAN, M;VAN DER LAAK, JAWM;VAN GINNEKEN, B;SANCHEZ, CI	Medical Image Analysis 42: 60-88 DEC 2017	Radboud University Nijmegen;	117
9	<u>Brain Tumor Segmentation With Deep Neural Networks</u>	HAVAEI, M;DAVY, A;WARDE-FARLEY, D;BIARD, A;COURVILLE, A;BENGIO, Y;PAL, C;JODOIN,	Medical Image Analysis 35: 18-31 JAN 2017	Ecole Normale Superieure (Ens),Psl Research University Paris (Comue);University Of Sherbrooke;University Of Montreal;Universite Paris Saclay	112

		PM;LAROCHELLE, H		(Comue),Ecole Polytechnique;Universite Paris Saclay (Comue);Psl Research University Paris (Comue);Polytechnique Montreal,University Of Montreal;	
10	<a href="#"><u>Extended Dissipative State Estimation For Markov Jump Neural Networks With Unreliable Links</u></a>	SHEN, H;ZHU, YZ;ZHANG, LX;PARK, JH	IEEE Transactions on Neural Networks and Learning Systems 28 (2): 346-358 FEB 2017	Anhui University Of Technology;Yeungnam University;King Abdulaziz University;Harbin Institute Of Technology;	108
11	<a href="#"><u>Deep Multimodal Distance Metric Learning Using Click Constraints For Image Ranking</u></a>	YU, J;YANG, XK;GAO, F;TAO, DC	IEEE Transactions on Cybernetics 47 (12): 4014-4024 DEC 2017	Hangzhou Dianzi University;University Of Technology Sydney;Shanghai Jiao Tong University;	107
12	<a href="#"><u>Mastering The Game Of Go Without Human Knowledge</u></a>	SILVER, D;SCHRITTWIESER, J;SIMONYAN, K;ANTONOGLU, I;HUANG, A;GUEZ, A;HUBERT, T;BAKER, L;LAI, M;BOLTON, A;CHEN, YT;LILLICRAP, T;HUI, F;SIFRE, L;VAN DEN DRIESSCHE, G;GRAEPEL, T;HASSABIS, D	Nature 550 (7676): 354-+ OCT 19 2017	Na-Deepmind;	97

13	<u>Imagej2: Imagej For The Next Generation Of Scientific Image Data</u>	RUEDEN, CT;SCHINDELIN, J;HINER, MC;DEZONIA, BE;WALTER, AE;ARENA, ET;ELICEIRI, KW	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;	95
14	<u>Power-Domain Non-Orthogonal Multiple Access (Noma) In 5G Systems: Potentials And Challenges</u>	ISLAM, SMR;AVAZOV, N;DOBRE, OA;KWAK, KS	IEEE Communications Surveys & Tutorials 19 (2): 721-742 2017	Inha University;Memorial University Newfoundland;	90
15	<u>Efficient Multi-Scale 3D Cnn With Fully Connected Crf For Accurate Brain Lesion Segmentation</u>	KAMNITSAS, K;LEDIG, C;NEWCOMBE, VFJ;SIRNPSON, JP;KANE, AD;MENON, DK;RUECKERT, D;GLOCKER, B	Medical Image Analysis 36: 61-78 FEB 2017	Imperial College London;University Of Cambridge;	90
16	<u>Practical Bayesian Model Evaluation Using Leave-One-Out Cross-Validation And Waic</u>	VEHTARI, A;GELMAN, A;GABRY, J	Statistics And Computing 27 (5): 1413-1432 SEP 2017	Aalto University;Columbia University;	88
17	<u>Adaptive Fuzzy Output-Feedback Stabilization Control For A Class Of Switched Nonstrict-Feedback Nonlinear Systems</u>	LI, YM;TONG, SC	IEEE Transactions on Cybernetics 47 (4): 1007-1016 APR 2017	Liaoning University Of Technology;	83

18	<a href="#"><u>Neural Network-Based Passive Filtering For Delayed Neutral-Type Semi-Markovian Jump Systems</u></a>	SHI, P;LI, FB;WU, LG;LIM, CC	IEEE Transactions on Neural Networks and Learning Systems 28 (9): 2101-2114 SEP 2017	Central South University;Victoria University;University Of Adelaide;Harbin Institute Of Technology;	82
19	<a href="#"><u>A Survey Of Deep Neural Network Architectures And Their Applications</u></a>	LIU, WB;WANG, ZD;LIU, XH;ZENGB, NY;LIU, YR;ALSAADI, FE	Neurocomputing 234: 11-26 APR 19 2017	Brunel University;Yangzhou University;Xiamen University;King Abdulaziz University;	81
20	<a href="#"><u>Imagenet Classification With Deep Convolutional Neural Networks</u></a>	KRIZHEVSKY, A;SUTSKEVER, I;HINTON, GE	Communications Of The ACM 60 (6): 84-90 JUN 2017	Google Incorporated;Openai;	79
21	<a href="#"><u>Multi-Sensor Fusion In Body Sensor Networks: State-Of-The-Art And Research Challenges</u></a>	GRAVINA, R;ALINIA, P;GHASEMZADEH, H;FORTINO, G	Information Fusion 35: 68-80 MAY 2017	University Of Calabria;Washington State University;	77
22	<a href="#"><u>Secure Attribute-Based Data Sharing For Resource-Limited Users In Cloud Computing</u></a>	LI, J;ZHANG, YH;CHEN, XF;XIANG, Y	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;	75
23	<a href="#"><u>Long Non-Coding Rnas And Complex Diseases: From Experimental Results To Computational Models</u></a>	CHEN, X;YAN, CC;ZHANG, X;YOU, ZH	Briefings in Bioinformatics 18 (4): 558-576 JUL 2017	China University Of Mining & Technology;Shandong University;Hangzhou Dianzi University;	75

24	<a href="#"><u>Imperfect Information Dynamic Stackelberg Game Based Resource Allocation Using Hidden Markov For Cloud Computing</u></a>	WEI, W;FAN, XL;SONG, HB;FAN, XM;YANG, JC	IEEE Transactions on Services Computing 11 (1): 78-89 JAN-FEB 2018	Northwest University Xi&Apos;An;Xi&Apos;An University Of Technology;West Virginia Univ;Tianjin University;	67
25	<a href="#"><u>Modeling And Analyzing Millimeter Wave Cellular Systems</u></a>	ANDREWS, JG;BAI, TY;KULKARNI, MN;ALKHATEEB, A;GUPTA, AK;HEATH, RW	IEEE Transactions on Communications 65 (1): 403-430 JAN 2017	University Of Texas System;University Of Texas System,University Of Texas Austin;	64
26	<a href="#"><u>Probabilistic Linguistic Linguistic Term Sets In Multi-Attribute Group Decision Making</u></a>	PANG, Q;WANG, H;XU, ZS	Information Sciences 369: 128-143 NOV 10 2016	Nanjing University Of Information Science & Technology;Southeast University - China;Sichuan University;	58
27	<a href="#"><u>An Approach To Interval-Valued Intuitionistic Stochastic Multi-Criteria Decision-Making Using Set Pair Analysis</u></a>	CAO, YX;ZHOU, H;WANG, JQ	International Journal of Machine Learning and Cybernetics 9 (4): 629-640 APR 2018	Central South University;	57
28	<a href="#"><u>Synchronization Of Delayed Memristive Neural Networks: Robust Analysis Approach</u></a>	YANG, XS;HO, DWC	IEEE Transactions on Cybernetics 46 (12): 3377-3387 DEC 2016	Na-Chongqing Normal University;Nanjing University Of Science & Technology;City University Of Hong Kong;	51
29	<a href="#"><u>Deep Learning In Bioinformatics</u></a>	MIN, S;LEE, B;YOON, S	Briefings In Bioinformatics 18 (5): 851-869 SEP 2017	Seoul National University;	50



30	<a href="#">Brms: An R Package For Bayesian Multilevel Models Using Stan</a>	BURKNER, PC	Journal of statistical software 80 (1): 1-28 AUG 2017	University Of Munster;	50
31	<a href="#">A Survey On Internet Of Things: Architecture, Enabling Technologies, Security And Privacy, And Applications</a>	LIN, J;YU, W;ZHANG, N;YANG, XY;ZHANG, HL;ZHAO, W	IEEE Internet Of Things Journal 4 (5): 1125-1142 SP. ISS. SI OCT 2017	George Washington University;Xi'An Jiaotong University;University System Of Maryland,Towson University;University System Of Maryland;University Of Macau;Qingdao University;	49
32	<a href="#">Health-Cps: Healthcare Cyber-Physical System Assisted By Cloud And Big Data</a>	ZHANG, Y;QIU, MK;TSAI, CW;HASSAN, MM;ALAMRI, A	IEEE Systems Journal 11 (1): 88-95 MAR 2017	King Saud University;Zhongnan University Of Economics & Law;Pace University;National Ilan University;	49
33	<a href="#">Dependable Structural Health Monitoring Using Wireless Sensor Networks</a>	BHUIYAN, MZA;WANG, GJ;WU, J;CAO, JN;LIU, XF;WANG, T	IEEE Transactions on Dependable and Secure Computing 14 (4): 363-376 JUL-AUG 2017	Central South University;Pennsylvania Commonwealth System Of Higher Education (Pcshe),Temple University;Pennsylvania Commonwealth System Of Higher Education (Pcshe);Huaqiao University;Hong Kong Polytechnic University;Guangzhou University;Fordham University;	47
34	<a href="#">Cross-Heterogeneous-Database Age Estimation Through Correlation Representation Learning</a>	TIAN, Q;CHEN, SC	Neurocomputing 238: 286-295 MAY 17 2017	Nanjing University Of Aeronautics & Astronautics;Nanjing University Of Information Science & Technology;	45

35	<a href="#"><u>Optical Communication In Space: Challenges And Mitigation Techniques</u></a>	KAUSHAL, H;KADDOUM, G	IEEE Communications Surveys & Tutorials 19 (1): 57-96 2017	Na-The Northcap University;University Of Quebec,Ecole De Technologie Superieure - Canada;University Of Quebec;	44
36	<a href="#"><u>Image Classification By Cross-Media Active Learning With Privileged Information</u></a>	YAN, Y;NIE, FP;LI, W;GAO, CQ;YANG, Y;XU, D	IEEE Transactions on Multimedia 18 (12): 2494-2502 DEC 2016	Chongqing University Of Posts & Telecommunications;University Of Technology Sydney;University Of Sydney;Northwestern Polytechnical University;Eth Zurich,Swiss Federal Institutes Of Technology Domain;	42
37	<a href="#"><u>Towards Unsupervised Physical Activity Recognition Using Smartphone Accelerometers</u></a>	LU, YG;WEI, Y;LIU, L;ZHONG, J;SUN, LT;LIU, Y	Multimedia Tools And Applications 76 (8): 10701-10719 APR 2017	Chongqing University;National University Of Singapore;Lanzhou University;	41
38	<a href="#"><u>Exponential Synchronization Of Memristive Neural Networks With Delays: Interval Matrix Method</u></a>	YANG, XS;CAO, JD;LIANG, JL	IEEE Transactions on Neural Networks and Learning Systems 28 (8): 1878-1888 AUG 2017	Na-Chongqing Normal University;Southeast University - China;	39
39	<a href="#"><u>A Comprehensive Evaluation Of Random Vector Functional Link Networks</u></a>	ZHANG, L;SUGANTHAN, PN	Information Sciences 367: 1094-1105 NOV 1 2016	Nanyang Technological University & National Institute Of Education (Nie) Singapore;Nanyang Technological University,Nanyang Technological University & National Institute Of Education (Nie) Singapore;	39

40	<a href="#">Apache Spark: A Unified Engine For Big Data Processing</a>	ZAHARIA, M;XIN, RS;WENDELL, P;DAS, T;ARMBRUST, M;DAVE, A;MENG, XR;ROSEN, J;VENKATARAMAN, S;FRANKLIN, MJ;GHODSI, A;GONZALEZ, J;SHENKER, S;STOICA, I	Communications Of The ACM 59 (11): 56-65 NOV 2016	Na-Databricks;University Of Chicago;University Of California System;University Of California Berkeley,University Of California System;Stanford University;	38
41	<a href="#">An Overview Of Recent Advances In Event-Triggered Consensus Of Multiagent Systems</a>	DING, L;HAN, QL;GE, XH;ZHANG, XM	IEEE Transactions on Cybernetics 48 (4): 1110-1123 APR 2018	Swinburne University Of Technology;	37
42	<a href="#">A Cooperative Quality-Aware Service Access System For Social Internet Of Vehicles</a>	NING, ZL;HU, XP;CHEN, ZK;ZHOU, MC;HU, B;CHENG, J;OBAIDAT, MS	IEEE Internet Of Things Journal 5 (4): 2506-2517 SP. ISS. SI AUG 2018	Chinese Academy Of Sciences;University Of Jordan;Shenzhen Institute Of Advanced Technology, Cas,Chinese Academy Of Sciences;New Jersey Institute Of Technology;Macau University Of Science & Technology;Lanzhou University;Dalian University Of Technology;Chinese University Of Hong Kong;	37
43	<a href="#">Novel Basic Operational Laws For Linguistic Terms, Hesitant Fuzzy Linguistic Term Sets And Probabilistic Linguistic Term Sets</a>	GOU, XJ;XU, ZS	Information Sciences 372: 407-427 DEC 1 2016	Nanjing University Of Information Science & Technology;Sichuan University;	34

44	<a href="#"><u>Application Of Deep Convolutional Neural Network For Automated Detection Of Myocardial Infarction Using Ecg Signals</u></a>	ACHARYA, UR;FUJITA, H;OH, SL;HAGIWARA, Y;TAN, JH;ADAM, M	Information Sciences 415: 190-198 NOV 2017	Na-Ipu;Universiti Malaya;Singapore University Of Social Sciences (Suss);Ngee Ann Polytech;	31
45	<a href="#"><u>Exploiting Smart E-Health Gateways At The Edge Of Healthcare Internet-Of-Things:A Fog Computing Approach</u></a>	RAHMANI, AM;GIA, TN;NEGASH, B;ANZANPOUR, A;AZIMI, I;JIANG, MZ;LILJEBERG, P	Future Generation Computer Systems 78: 641-658 PART 2 JAN 2018	University Of California Irvine,University Of California System;Vienna University Of Technology;University Of Turku;University Of California System;	28
46	<a href="#"><u>Continuous Probability Distribution Prediction Of Image Emotions Via Multitask Shared Sparse Regression</u></a>	ZHAO, SC;YAO, HX;GAO, Y;JI, RR;DING, GG	IEEE Transactions on Multimedia 19 (3): 632-645 MAR 2017	Harbin Institute Of Technology;Xiamen University;Tsinghua University;	28
47	<a href="#"><u>Nonlinear Load Sharing And Voltage Compensation Of Microgrids Based On Harmonic Power-Flow Calculations Using Radial Basis Function Neural Networks</u></a>	BAGHAEI, HR;MIRSALIM, M;GHAREHPETAN, GB;TALEBI, HA	IEEE Systems Journal 12 (3): 2749-2759 SEP 2018	Amirkabir University Of Technology;	28
48	<a href="#"><u>Random Vector Functional Link Network For Short-Term Electricity Load Demand Forecasting</u></a>	REN, Y;SUGANTHAN, PN;SRIKANTH, N;AMARATUNGA, G	Information Sciences 367: 1078-1093 NOV 1 2016	Nanyang Technological University & National Institute Of Education (Nie) Singapore;University Of Cambridge;Nanyang Technological University,Nanyang Technological University & National Institute Of Education (Nie) Singapore;	28

49	<a href="#"><u>Performance Improvement Of Multi-Der Microgrid For Small- And Large-Signal Disturbances And Nonlinear Loads: Novel Complementary Control Loop And Fuzzy Controller In A Hierarchical Droop-Based Control Scheme</u></a>	BAGHAEE, HR;MIRSALIM, M;GHAREHPETIAN, GB	IEEE Systems Journal 12 (1): 444-451 SP. ISS. SI MAR 2018	Amirkabir University Of Technology;	28
50	<a href="#"><u>Decorrelation Of Neutral Vector Variables: Theory And Applications</u></a>	MA, ZY;XUE, JH;LEIJON, A;TAN, ZH;YANG, Z;GUO, J	IEEE Transactions on Neural Networks and Learning Systems 29 (1): 129-143 JAN 2018	Aalborg University;University Of London,University College London;University Of London;Royal Institute Of Technology;Beijing University Of Technology;Beijing University Of Posts & Telecommunications;	28
51	<a href="#"><u>Double Hierarchy Hesitant Fuzzy Linguistic Term Set And Multimoora Method: A Case Of Study To Evaluate The Implementation Status Of Haze Controlling Measures</u></a>	GOU, XJ;LIAO, HC;XU, ZS;HERRERA, F	Information Fusion 38: 22-34 NOV 2017	King Abdulaziz University;University Of Granada;Sichuan University;	27
52	<a href="#"><u>Controllability And Synchronization Analysis Of Identical-Hierarchy Mixed-Valued Logical Control Networks</u></a>	ZHONG, J;LU, JQ;HUANG, TW;HO, DWC	IEEE Transactions on Cybernetics 47 (11): 3482-3493 NOV 2017	City University Of Hong Kong;Texas A&M University Qatar;Southeast University - China;	27
53	<a href="#"><u>A Survey On Recent Advances In Distributed Sampled-Data Cooperative Control Of Multi-Agent Systems</u></a>	GE, XH;HAN, QL;DING, DR;ZHANG, XM;NING, BD	Neurocomputing 275: 1684-1701 JAN 31 2018	Swinburne University Of Technology;	26

54	<u>Improved Stability And Stabilization Results For Stochastic Synchronization Of Continuous-Time Semi-Markovian Jump Neural Networks With Time-Varying Delay</u>	WEI, YL;PARK, JH;KARIMI, HR;TIAN, YC;JUNG, H	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);	24
55	<u>Secure Integration Of Iot And Cloud Computing</u>	STERGIOU, C;PSANNIS, KE;KIM, BG;GUPTA, B	Future Generation Computer Systems 78: 964-975 PART 3 JAN 2018	Na-Natl Inst Technol Kurukshetre;University Of Macedonia;Sookmyung Women&Apos;S University;	24
56	<u>Hesitant Fuzzy Linguistic Entropy And Cross-Entropy Measures And Alternative Queuing Method For Multiple Criteria Decision Making</u>	GOU, XJ;XU, ZS;LIAO, HC	Information Sciences 388: 225-246 MAY 2017	Sichuan University;	23
57	<u>Empirical Mode Decomposition Based Ensemble Deep Learning For Load Demand Time Series Forecasting</u>	QIU, XH;REN, Y;SUGANTHAN, PN;AMARATUNGA, GAJ	Applied Soft Computing 54: 246-255 MAY 2017	Nanyang Technological University & National Institute Of Education (Nie) Singapore;University Of Cambridge;Nanyang Technological University,Nanyang Technological University & National Institute Of Education (Nie) Singapore;	23
58	<u>A Multi-Criteria Decision-Making Model For Hotel Selection With Linguistic Distribution Assessments</u>	YU, SM;WANG, J;WANG, JQ;LI, L	Applied Soft Computing 67: 741-755 JUN 2018	Central South University;Hunan University;	22

59	<a href="#"><u>Multiple Criteria Decision Making Based On Bonferroni Means With Hesitant Fuzzy Linguistic Information</u></a>	GOU, XJ;XU, ZS;LIAO, HC	Soft Computing 21 (21): 6515-6529 NOV 2017	Nanjing University Of Information Science & Technology;Sichuan University;	21
60	<a href="#"><u>Privacy-Preserving Naive Bayes Classifiers Secure Against The Substitution-Then-Comparison Attack</u></a>	GAO, CZ;CHENG, Q;HE, P;SUSILO, W;LI, J	Information Sciences 444: 72-88 MAY 2018	Guangzhou University;University Of Wollongong;State Key Lab Cryptol;	21
61	<a href="#"><u>Gene Co-Expression Analysis For Functional Classification And Gene-Disease Predictions</u></a>	VAN DAM, S;VOSA, U;VAN DER GRAAF, A;FRANKE, L;DE MAGALHAES, JP	Briefings In Bioinformatics 19 (4): 575-592 JUL 2018	University Of Groningen;University Of Liverpool;	19
62	<a href="#"><u>A Generic Construction Of Quantum-Oblivious-Key-Transfer-Based Private Query With Ideal Database Security And Zero Failure</u></a>	WEI, CY;CAI, XQ;LIU, B;WANG, TY;GAO, F	IEEE Transactions on Communications 67 (1): 2-8 JAN 2018	Beijing University Of Posts & Telecommunications;Luoyang Normal University;Chongqing University;	18
63	<a href="#"><u>Two Birds With One Stone: Two-Factor Authentication With Security Beyond Conventional Bound</u></a>	WANG, D;WANG, P	IEEE Transactions on Dependable and Secure Computing 15 (4): 708-722 JUL-AUG 2018	Peking University;	18

64	<a href="#"><u>Soft Set Theoretical Approach To Pseudo-Bci Algebras</u></a>	ZHANG, XH;PARK, C;WU, SP	Journal of Intelligent & Fuzzy Systems 34 (1): 559-568 2018	Hanyang University;Shanghai Maritime University;Shaanxi University Of Science & Technology;	16
65	<a href="#"><u>Loihi: A Neuromorphic Manycore Processor With On-Chip Learning</u></a>	DAVIES, M;SRINIVASA, N;LIN, TH;CHINYA, G;CAO, YQ;CHODAY, SH;DIMOU, G;JOSHI, P;IMAM, N;JAIN, S;LIAO, YY;LIN, CK;LINES, A;LIU, RK;MATHAIKUTTY, D;MCCOY, S;PAUL, A;TSE, J;VENKATARAMANAN, G;WENG, YH;WILD, A;YANG, Y;WANG, H	IEEE Micro 38 (1): 82-99 JAN-FEB 2018	Na-Eta Compute;Reduced Energy Microsyst;Intel Corporation;	16
66	<a href="#"><u>Joint Trajectory And Communication Design For Multi-Uav Enabled Wireless Networks</u></a>	WU, QQ;ZENG, Y;ZHANG, R	IEEE Transactions on Wireless Communications 17 (3): 2109-2121 MAR 2018	National University Of Singapore;	16
67	<a href="#"><u>Design Of Extended Dissipativity State Estimation For Generalized Neural Networks With Mixed Time-Varying Delay Signals</u></a>	MANIVANNAN, R;SAMIDURAI, R;CAO, J;ALSAEDI, A;ALSAADI, FE	Information Sciences 424: 175-203 JAN 2018	King Abdulaziz University;Thiruvalluvar Univ;Southeast University - China;National Institute Of Technology Calicut;	15
68	<a href="#"><u>Interest-Aware Energy Collection &amp; Resource Management In Machine To Machine Communications</u></a>	TSIROPOULOU, EE;MITSIS, G;PAPAVASSILIOU, S	Ad Hoc Networks 68: 48-57 SP. ISS. SI JAN 2018	National Technical University Of Athens;University Of New Mexico;	15



69	<a href="#"><u>Asynchronous Dissipative Control For Fuzzy Markov Jump Systems</u></a>	WU, ZG;DONG, SL;SU, HY;LI, CD	IEEE Transactions on Cybernetics 48 (8): 2426-2436 AUG 2018	Southwest University - China;Zhejiang University;	15
70	<a href="#"><u>Deep Learning In Agriculture: A Survey</u></a>	KAMILARIS, A;PRENAFETA-BOLDU, FX	Computers And Electronics In Agriculture 147: 70-90 APR 2018	Irta;	14
71	<a href="#"><u>Event-Triggered Asynchronous Guaranteed Cost Control For Markov Jump Discrete-Time Neural Networks With Distributed Delay And Channel Fading</u></a>	YAN, HC;ZHANG, H;YANG, FW;ZHAN, XS;PENG, C	IEEE Transactions on Neural Networks and Learning Systems 29 (8): 3588-3598 AUG 2018	East China University Of Science & Technology;Shanghai University;Hubei Normal University;Griffith University;	13
72	<a href="#"><u>Visual Analysis Of Geospatial Habitat Suitability Model Based On Inverse Distance Weighting With Paired Comparison Analysis</u></a>	VARATHARAJAN, R;MANOGARAN, G;PRIYAN, MK;BALAS, VE;BARNA, C	Multimedia Tools And Applications 77 (14): 17573-17593 JUL 2018	Na-Aurel Vlaicu University Of Arad;Vellore Institute Of Technology;Sri Ramanujar Engn Coll;	12
73	<a href="#"><u>Superpixels: An Evaluation Of The State-Of-The-Art</u></a>	STUTZ, D;HERMANS, A;LEIBE, B	Computer Vision and Image Understanding 166: 1-27 JAN 2018	Rwth Aachen University;	12
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