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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本期编者：张桂英　　发布日期：**2018** 年 **7** 月 **30** 日

ESI 计算机科学及其相关领域热点论文信息推送

——基于 2018 年 5 月份更新数据

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高居前千分之一的 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 2015 年 12 月到 2017 年 12 月发表的文章中，在 2018 年 1 月和 2 月两个月内被引次数排名前千分之一的文章。数据更新时间为 2018 年 5 月。

本期 ESI 发布的计算机科学领域的热点文章共 83 篇，其中首次入榜文章 46 篇。单篇最高被引 249 次，最低被引 5 次。首次入榜的篇文章中，单篇最高被引是 78 次。

排名第一的，被引 249 次的文章由南京信息工程大学（NANJING UNIV INFORMAT SCI & TECHNOL）的 Fu, Zhangjie（付章杰）等人发表在 *IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS* 上的标题为“ENABLING PERSONALIZED SEARCH OVER ENCRYPTED OUTSOURCED DATA WITH EFFICIENCY IMPROVEMENT”。

首次入榜的文章中，排名第一的被引 78 次的文章由意大利 University of Napoli Federico II 的 Botta, Alessio 等人合作，发表在 Future Generation Computer Systems，标题为“Integration of Cloud computing and Internet of Things: A survey”。

附表 ：ESI 2018 年 5 月更新的计算机科学领域热点论文

注：红色为首次入榜文章或领域，点击题名可访问原文。

序号	题名	作者	出处	作者机构	被引频次
1	ENABLING PERSONALIZED SEARCH OVER ENCRYPTED OUTSOURCED DATA WITH EFFICIENCY IMPROVEMENT	FU, ZJ;REN, K;SHU, JG;SUN, XM;HUANG, FX	IEEE TRANS PARALL DISTRIB SYS 27 (9): 2546-2559 SEP 1 2016	NANJING UNIV INFORMAT SCI & TECHNOL;SUNY SYSTEM;SUNY BUFFALO;	249
2	STRUCTURAL MINIMAX PROBABILITY MACHINE	GU, B;SUN, XM;SHENG, VS	IEEE TRANS NEURAL NETW LEARN 28 (7): 1646-1656 JUL 2017	NANJING UNIV INFORMAT SCI & TECHNOL;UNIV CENT ARKANSAS;	172
3	ADAPTIVE NEURAL NETWORK CONTROL OF AN UNCERTAIN ROBOT WITH FULL-STATE CONSTRAINTS	HE, W;CHEN, YH;YIN, Z	IEE TRANS CYBERN 46 (3): 620-629 MAR 2016	UNIV ELECT SCI & TECHNOL CHINA;UNIV SCI & TECHNOL BEIJING;	170
4	A PRIVACY-PRESERVING AND COPY-DETERRENCE CONTENT-BASED IMAGE RETRIEVAL SCHEME IN CLOUD COMPUTING	XIA, ZH;WANG, XH;ZHANG, LG;QIN, Z;SUN, XM;REN, K	IEEE TRANS INF FORENSIC SECUR 11 (11): 2594-2608 NOV 2016	NANJING UNIV INFORMAT SCI & TECHNOL;SUNY SYSTEM;SUNY BUFFALO;	151
5	TOWARD EFFICIENT MULTI-KEYWORD FUZZY SEARCH OVER ENCRYPTED OUTSOURCED DATA WITH ACCURACY IMPROVEMENT	FU, ZJ;WU, XL;GUAN, CW;SUN, XM;REN, K	IEEE TRANS INF FORENSIC SECUR 11 (12): 2706-2716 DEC 2016	NANJING UNIV INFORMAT SCI & TECHNOL;SUNY SYSTEM;SUNY BUFFALO;	148
6	EFFICIENT ALGORITHM FOR K-BARRIER COVERAGE BASED ON INTEGER LINEAR PROGRAMMING	ZHANG, YH;SUN, XM;WANG, BW	CHINA COMMUN 13 (7): 16-23 JUL 2016	NA-JIANGSU LIGHTNING PROTECT CTR;NANJING UNIV INFORMAT SCI & TECHNOL;	114

7	FINGERPRINT LIVENESS DETECTION BASED ON MULTI-SCALE LPQ AND PCA	YUAN, CS;SUN, XM;LV, R	CHINA COMMUN 13 (7): 60-65 JUL 2016	NANJING UNIV INFORMAT SCI & TECHNOL;	102
8	EFFECTIVE AND EFFICIENT GLOBAL CONTEXT VERIFICATION FOR IMAGE COPY DETECTION	ZHOU, ZL;WANG, YL;WU, QMJ;YANG, CN;SUN, XM	IEEE TRANS INF FORENSIC SECUR 12 (1): 48-63 JAN 2017	NANJING UNIV INFORMAT SCI & TECHNOL;UNIV WINDSOR;NATL DONG HWA UNIV;	91
9	STAN: A PROBABILISTIC PROGRAMMING LANGUAGE	CARPENTER, B;GELMAN, A;HOFFMAN, MD;LEE, D;GOODRICH, B;BETANCOURT, M;RIDDELL, A;GUO, JQ;LI, P;RIDDELL, A	J STAT SOFTW 76 (1): 1-29 JAN 2017	NA-ADOBE CREAT TECHNOL LAB;YORK UNIV;NPD GRP;INDIANA UNIV SYS;INDIANA UNIV BLOOMINGTON;COLUMBIA UNIV;	84
10	SALIENT BAND SELECTION FOR HYPERSPECTRAL IMAGE CLASSIFICATION VIA MANIFOLD RANKING	WANG, Q;LIN, JZ;YUAN, Y	IEEE TRANS NEURAL NETW LEARN 27 (6): 1279-1289 JUN 2016	CHINESE ACAD SCI;XIAN INST OPTIC PRECISION MECH CAS;STATE KEY LAB TRANSIENT OPT;NORTHWESTERN POLYTECH UNIV;	83
11	INTEGRATION OF CLOUD COMPUTING AND INTERNET OF THINGS: A SURVEY	BOTTA, A;DE DONATO, W;PERSICO, V;PESCAPE, A	FUTURE GENER COMPUT SYST 56: 684-700 MAR 2016	NA-NM2 SRL;UNIV NAPLES FEDERICO II;	78
12	FAST MOTION ESTIMATION BASED ON CONTENT PROPERTY FOR LOW-COMPLEXITY H.265/HEVC ENCODER	PAN, ZQ;LEI, JJ;ZHANG, Y;SUN, XM;KWONG, S	IEEE TRANS BROADCASTING 62 (3): 675-684 SEP 2016	CHINESE ACAD SCI;TIANJIN UNIV;SHENZHEN INST ADV TECHNOL CAS;NANJING UNIV INFORMAT SCI & TECHNOL;HEBEI UNIV TECHNOL;CITY UNIV HONG KONG;	75
13	A SPECULATIVE APPROACH TO SPATIAL-TEMPORAL EFFICIENCY WITH MULTI-OBJECTIVE OPTIMIZATION IN A HETEROGENEOUS CLOUD ENVIRONMENT	LIU, Q;CAI, WD;SHEN, J;FU, ZJ;LIU, XD;LINGE, N	SECUR COMMUN NETW 9 (17): 4002-4012 NOV 25 2016	NANJING UNIV INFORMAT SCI & TECHNOL;UNIV SALFORD;NAPIER UNIV;	75

14	EXTREME LEARNING MACHINE FOR MULTILAYER PERCEPTRON	TANG, JX;DENG, CW;HUANG, GB	IEEE TRANS NEURAL NETW LEARN 27 (4): 809-821 APR 2016	BEIJING INST TECHNOL;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;	74
15	ANONYMOUS AUTHENTICATION FOR WIRELESS BODY AREA NETWORKS WITH PROVABLE SECURITY	HE, DB;ZEADALLY, S;KUMAR, N;LEE, JH	IEEE SYST J 11 (4): 2590-2601 DEC 2017	NA-GUILIN UNIV ELEC TECHNOL;WUHAN UNIV;UNIV KENTUCKY;THAPAR UNIV;SANG MYUNG UNIV;	64
16	RECENT ADVANCES IN DIFFERENTIAL EVOLUTION - AN UPDATED SURVEY	DAS, S;MULLICK, SS;SUGANTHAN, PN	SWARM EVOL COMPUT 27: 1-30 APR 2016	INDIAN STAT INST;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;INDIAN STAT INST KOLKATA;	63
17	THE WHALE OPTIMIZATION ALGORITHM	MIRJALILI, S;LEWIS, A	ADV ENG SOFTW 95: 51-67 MAY 2016	NA-GRIFFITH COLL;GRIFFITH UNIV;	62
18	DEEP LEARNING FOR VISUAL UNDERSTANDING: A REVIEW	GUO, YM;LIU, Y;OERLEMANS, A;LAO, SY;WU, S;LEW, MS	NEUROCOMPUTING 187: 27-48 SP. ISS. SI APR 26 2016	LEIDEN UNIV;VDG SECUR BV;NATL UNIV DEF TECHNOL;	59
19	A BELIEF PROPAGATION-BASED METHOD FOR TASK ALLOCATION IN OPEN AND DYNAMIC CLOUD ENVIRONMENTS	KONG, Y;ZHANG, MJ;YE, DY	KNOWL-BASED SYST 115: 123-132 JAN 1 2017	NANJING UNIV INFORMAT SCI & TECHNOL;UNIV WOLLONGONG;	59
20	APPLICATION OF NON-ORTHOGONAL MULTIPLE ACCESS IN LTE AND 5G NETWORKS	DING, ZG;LIU, YW;CHOI, J;SUN, Q;ELKASHLAN, M;I, CL;POOR, HV	IEEE COMMUN MAG 55 (2): 185-191 FEB 2017	GWANGJU INST SCI TECHNOL;UNIV LONDON;QUEEN MARY UNIV LONDON;PRINCETON UNIV;LANCASTER UNIV;	56

21	MODELLING AND EXPERIMENTAL PERFORMANCE ANALYSIS OF SOLAR-ASSISTED GROUND SOURCE HEAT PUMP SYSTEM	ESEN, H;ESEN, M;OZSOLAK, O	J EXP THEOR ARTIF INTELL 29 (1): 1-17 2017	CUMHURIYET UNIV;FIRAT UNIV;	51
22	EXTENDED DISSIPATIVE STATE ESTIMATION FOR MARKOV JUMP NEURAL NETWORKS WITH UNRELIABLE LINKS	SHEN, H;ZHU, YZ;ZHANG, LX;PARK, JH	IEEE TRANS NEURAL NETW LEARN 28 (2): 346-358 FEB 2017	ANHUI UNIV TECHNOL;YEUNGNAM UNIV;KING ABDULAZIZ UNIV;HARBIN INST TECHNOL;	50
23	A SURVEY OF DEEP NEURAL NETWORK ARCHITECTURES AND THEIR APPLICATIONS	LIU, WB;WANG, ZD;LIU, XH;ZENGB, NY;LIU, YR;ALSAADI, FE	NEUROCOMPUTING 234: 11-26 APR 19 2017	BRUNEL UNIV;YANGZHOU UNIV;XIAMEN UNIV;KING ABDULAZIZ UNIV;	47
24	EFFECTIVE AND EFFICIENT IMAGE COPY DETECTION WITH RESISTANCE TO ARBITRARY ROTATION	ZHOU, ZL;YANG, CN;CHEN, BJ;SUN, XM;LIU, Q;WU, QMJ	IEICE TRANS INFORM SYST E99D (6): 1531-1540 JUN 2016	NANJING UNIV INFORMAT SCI & TECHNOL;UNIV WINDSOR;NATL DONG HWA UNIV;	45
25	FOG AND IOT: AN OVERVIEW OF RESEARCH OPPORTUNITIES	CHIANG, M;ZHANG, T	IEEE INTERNET THINGS J 3 (6): 854-864 DEC 2016	NA-CISCO;PRINCETON UNIV;	44
26	PASSIVITY ANALYSIS FOR DISCRETE-TIME NEURAL NETWORKS WITH MIXED TIME-DELAYS AND RANDOMLY OCCURRING QUANTIZATION EFFECTS	ZHANG, J;MA, LF;LIU, YR	NEUROCOMPUTING 216: 657-665 DEC 5 2016	NANJING UNIV SCI & TECHNOL;YANGZHOU UNIV;RES INST INTELLIGENT INTERCONNECT & NETWORKED CON;	44
27	EFFICIENT MULTI-USER COMPUTATION OFFLOADING FOR MOBILE-EDGE CLOUD COMPUTING	CHEN, X;JIAO, L;LI, WZ;FU, XM	IEEE ACM TRANS NETWORKING 24 (5): 2827-2840 OCT 2016	ALCATEL-LUCENT;UNIV GOTTINGEN;NANJING UNIV;	43

28	BRAIN TUMOR SEGMENTATION WITH DEEP NEURAL NETWORKS	HAVAEI, M;DAVY, A;WARDE-FARLEY, D;BIARD, A;COURVILLE, A;BENGIO, Y;PAL, C;JODOIN, PM;LAROCHELLE, H	MED IMAGE ANAL 35: 18-31 JAN 2017	ECOLE POLYTECH;UNIV SHERBROOKE;UNIV PARIS SACLAY COMUE;UNIV MONTREAL;PSL RES UNIV PARIS;ENS PARIS;	40
29	COSALIENCY DETECTION BASED ON INTRASALIENCY PRIOR TRANSFER AND DEEP INTERSALIENCY MINING	ZHANG, DW;HAN, JW;HAN, JG;SHAO, L	IEEE TRANS NEURAL NETW LEARN 27 (6): 1163-1176 JUN 2016	NANJING UNIV INFORMAT SCI & TECHNOL;NORTHWESTERN POLYTECH UNIV;NORTHUMBRIA UNIV;	40
30	WIRELESS COMMUNICATIONS WITH UNMANNED AERIAL VEHICLES: OPPORTUNITIES AND CHALLENGES	ZENG, Y;ZHANG, R;LIM, TJ	IEEE COMMUN MAG 54 (5): 36-42 MAY 2016	NATL UNIV SINGAPORE;	39
31	EXTENDED KALMAN FILTERING FOR STOCHASTIC NONLINEAR SYSTEMS WITH RANDOMLY OCCURRING CYBER ATTACKS	LIU, S;WEI, GL;SONG, Y;LIU, YR	NEUROCOMPUTING 207: 708-716 SEP 26 2016	KING ABDULAZIZ UNIV;YANGZHOU UNIV;UNIV SHANGHAI SCI TECHNOL;	38
32	EDGE COMPUTING: VISION AND CHALLENGES	SHI, WS;CAO, J;ZHANG, Q;LI, YHZ;XU, LY	IEEE INTERNET THINGS J 3 (5): 637-646 OCT 2016	WAYNE STATE UNIV;	38
33	P-SEP: A PROLONG STABLE ELECTION ROUTING ALGORITHM FOR ENERGY-LIMITED HETEROGENEOUS FOG-SUPPORTED WIRELESS SENSOR NETWORKS	NARANJO, PGV;SHOJAFAR, M;MOSTAFAEI, H;POORANIAN, Z;BACCARELLI, E	J SUPERCOMPUT 73 (2): 733-755 FEB 2017	ROMA TRE UNIV;SAPIENZA UNIV ROME;	37
34	ADAPTIVE ROBUST ONLINE CONSTRUCTIVE FUZZY CONTROL OF A COMPLEX SURFACE VEHICLE SYSTEM	WANG, N;ER, MJ;SUN, JC;LIU, YC	IEE TRANS CYBERN 46 (7): 1511-1523 JUL 2016	DALIAN MARITIME UNIV;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;	37

35	ROBUST FUZZY 3D PATH FOLLOWING FOR AUTONOMOUS UNDERWATER VEHICLE SUBJECT TO UNCERTAINTIES	XIANG, XB;YU, CY;ZHANG, Q	COMPUT OPER RES 84: 165-177 AUG 2017	HUAZHONG UNIV SCI & TECHNOL;	34
36	NEURAL NETWORK-BASED PASSIVE FILTERING FOR DELAYED NEUTRAL-TYPE SEMI-MARKOVIAN JUMP SYSTEMS	SHI, P;LI, FB;WU, LG;LIM, CC	IEEE TRANS NEURAL NETW LEARN 28 (9): 2101-2114 SEP 2017	CENT S UNIV;VICTORIA UNIV;UNIV ADELAIDE;HARBIN INST TECHNOL;	34
37	BI-LEVEL SEMANTIC REPRESENTATION ANALYSIS FOR MULTIMEDIA EVENT DETECTION	CHANG, XJ;MA, ZG;YANG, Y;ZENG, ZQ;HAUPTMANN, AG	IEE TRANS CYBERN 47 (5): 1180-1197 MAY 2017	CARNEGIE MELLON UNIV;XIAMEN UNIV TECHNOL;UNIV TECHNOL SYDNEY;	33
38	NETWORK-BASED LEADER-FOLLOWING CONSENSUS OF NONLINEAR MULTI-AGENT SYSTEMS VIA DISTRIBUTED IMPULSIVE CONTROL	HE, W;CHEN, G;HAN, QL;QIAN, F	INFORM SCIENCES 380: 145-158 FEB 20 2017	CITY UNIV HONG KONG;GRIFFITH UNIV;E CHINA UNIV SCI & TECHNOL;	33
39	AN EFFICIENT PUBLIC AUDITING PROTOCOL WITH NOVEL DYNAMIC STRUCTURE FOR CLOUD DATA	SHEN, J;SHEN, J;CHEN, XF;HUANG, XY;SUSILO, W	IEEE TRANS INF FORENSIC SECUR 12 (10): 2402-2415 OCT 2017	CHINESE ACAD SCI;XIDIAN UNIV;UNIV WOLLONGONG;NANJING UNIV INFORMAT SCI & TECHNOL;INST INFO ENGN CAS;FUJIAN NORMAL UNIV;	29
40	JOINT DICTIONARY LEARNING FOR MULTISPECTRAL CHANGE DETECTION	LU, XQ;YUAN, Y;ZHENG, XT	IEE TRANS CYBERN 47 (4): 884-897 APR 2017	CHINESE ACAD SCI;XIAN INST OPTIC PRECISION MECH CAS;STATE KEY LAB TRANSIENT OPT;	29
41	IPRIVACY: IMAGE PRIVACY PROTECTION BY IDENTIFYING SENSITIVE OBJECTS VIA DEEP MULTI-TASK LEARNING	YU, J;ZHANG, BP;KUANG, ZZ;LIN, D;FAN, JP	IEEE TRANS INF FORENSIC SECUR 12 (5): 1005-1016 MAY 2017	BEIJING JIAOTONG UNIV;XIAMEN UNIV;UNIVERSITY OF NORTH CAROLINA;UNIV NORTH CAROLINA CHARLOTTE;UNIV MISSOURI SYSTEM;SHANGHAI INST OPT FINE MECH;PURDUE UNIV SYS;PURDUE	26

				UNIV;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;MISSOURI UNIV SCI & TECHNOL;HANGZHOU DIANZI UNIV;CHINESE ACAD SCI;CHINA UNIV PETR;	
42	DEEP MULTIMODAL DISTANCE METRIC LEARNING USING CLICK CONSTRAINTS FOR IMAGE RANKING	YU, J;YANG, XK;GAO, F;TAO, DC	IEE TRANS CYBERN 47 (12): 4014-4024 DEC 2017	HANGZHOU DIANZI UNIV;UNIV TECHNOL SYDNEY;SHANGHAI JIAO TONG UNIV;	26
43	EFFICIENT MULTI-SCALE 3D CNN WITH FULLY CONNECTED CRF FOR ACCURATE BRAIN LESION SEGMENTATION	KAMNITSAS, K;LEDIG, C;NEWCOMBE, VFJ;SIRNPSON, JP;KANE, AD;MENON, DK;RUECKERT, D;GLOCKER, B	MED IMAGE ANAL 36: 61-78 FEB 2017	IMPERIAL COLL LONDON;UNIV CAMBRIDGE;	26
44	FORENSICS FEATURE ANALYSIS IN QUATERNION WAVELET DOMAIN FOR DISTINGUISHING PHOTOGRAPHIC IMAGES AND COMPUTER GRAPHICS	WANG, JW;LI, T;SHI, YQ;LIAN, SG;YE, JY	MULTIMED TOOLS APPL 76 (22): 23721-23737 NOV 2017	HUAWEI TECHNOL;NEW JERSEY INST TECHNOL;NANJING UNIV INFORMAT SCI & TECHNOL;	25
45	COMPOUND RANK-K PROJECTIONS FOR BILINEAR ANALYSIS	CHANG, XJ;NIE, FP;WANG, S;YANG, Y;ZHOU, XF;ZHANG, CQ	IEEE TRANS NEURAL NETW LEARN 27 (7): 1502-1513 JUL 2016	NORTHWESTERN POLYTECH UNIV;UNIV TECHNOL SYDNEY;UNIV QUEENSLAND;	25
46	INFERRING NONLINEAR LATERAL FLOW IMMUNOASSAY STATE-SPACE MODELS VIA AN UNSCENTED KALMAN FILTER	ZENG, NY;WANG, ZD;ZHANG, H	SCI CHINA-INF SCI 59 (11): - NOV 2016	BRUNEL UNIV;XIAMEN UNIV;KING ABDULAZIZ UNIV;	24

47	NONSMOOTH FINITE-TIME SYNCHRONIZATION OF SWITCHED COUPLED NEURAL NETWORKS	LIU, XY;CAO, JD;YU, WW;SONG, Q	IEE TRANS CYBERN 46 (10): 2360-2371 OCT 2016	HENAN UNIV TECHNOL;SOUTHEAST UNIV;KING ABDULAZIZ UNIV;JIANGSU NORMAL UNIV;	24
48	DEEP BELIEF NETWORKS FOR QUANTITATIVE ANALYSIS OF A GOLD IMMUNOCHROMATOGRAPHIC STRIP	ZENG, NY;WANG, ZD;ZHANG, H;LIU, WB;ALSAADI, FE	COGN COMPUT 8 (4): 684-692 AUG 2016	BRUNEL UNIV;XIAMEN UNIV;KING ABDULAZIZ UNIV;	24
49	ADAPTIVE NEURAL TRACKING CONTROL FOR A CLASS OF NONLINEAR SYSTEMS WITH DYNAMIC UNCERTAINTIES	WANG, HQ;SHI, P;LI, HY;ZHOU, Q	IEE TRANS CYBERN 47 (10): 3075-3087 SP. ISS. SI OCT 2017	BOHAI UNIV;VICTORIA UNIV;UNIV ADELAIDE;CARLETON UNIV;	23
50	COMMUNICATIONS AND SIGNALS DESIGN FOR WIRELESS POWER TRANSMISSION	ZENG, Y;CLERCKX, B;ZHANG, R	IEEE TRANS COMMUN 65 (5): 2264-2290 MAY 2017	AGCY SCI TECHNOL RES;NATL UNIV SINGAPORE;IMPERIAL COLL LONDON;	23
51	CROSS-HETEROGENEOUS-DATABASE AGE ESTIMATION THROUGH CORRELATION REPRESENTATION LEARNING	TIAN, Q;CHEN, SC	NEUROCOMPUTING 238: 286-295 MAY 17 2017	NANJING UNIV AERONAUT & ASTRONAUT;NANJING UNIV INFORMAT SCI & TECHNOL;	22
52	CONSTRUCTING THE L2-GRAPH FOR ROBUST SUBSPACE LEARNING AND SUBSPACE CLUSTERING	PENG, X;YU, ZD;YI, Z;TANG, HJ	IEE TRANS CYBERN 47 (4): 1053-1066 APR 2017	CARNEGIE MELLON UNIV;SICHUAN UNIV;RES AGCY SCI TECHNOL & RES;	22
53	PRIVACY-PRESERVING SMART SEMANTIC SEARCH BASED ON CONCEPTUAL GRAPHS OVER ENCRYPTED OUTSOURCED DATA	FU, ZJ;HUANG, FX;REN, K;WENG, J;WANG, C	IEEE TRANS INF FORENSIC SECUR 12 (8): 1874-1884 AUG 2017	CITY UNIV HONG KONG;SUNY SYSTEM;SUNY BUFFALO;NANJING UNIV INFORMAT SCI & TECHNOL;JINAN UNIV;	21
54	OPTIMAL JOINT POWER AND SUBCARRIER ALLOCATION FOR FULL-DUPLEX MULTICARRIER NON-ORTHOGONAL MULTIPLE ACCESS SYSTEMS	YAN, S;NG, DWK;DING, ZG;SCHOBER, R	IEEE TRANS COMMUN 65 (3): 1077-1091 MAR 2017	LANCASTER UNIV;UNIV NEW S WALES;UNIV ERLANGEN NUREMBERG;UNIV BRITISH COLUMBIA;	20

55	REAL-TIME ENVIRONMENTAL APPLICATIONS AND DISPLAY SYSTEM: READY	ROLPH, G;STEIN, A;STUNDER, B	ENVIRON MODELL SOFTW 95: 210-228 SEP 2017	NOAA (NATL OCEANIC ATMOSPHERIC ADMIN);	19
56	A SURVEY OF DECISION MAKING METHODS BASED ON CERTAIN HYBRID SOFT SET MODELS	MA, XL;LIU, Q;ZHAN, JM	ARTIF INTELL REV 47 (4): 507-530 APR 2017	NA-HUBEI UNIV NATIONALITIES;	18
57	NONFRAGILE EXPONENTIAL SYNCHRONIZATION OF DELAYED COMPLEX DYNAMICAL NETWORKS WITH MEMORY SAMPLED-DATA CONTROL	LIU, YJ;GUO, BZ;PARK, JH;LEE, SM	IEEE TRANS NEURAL NETW LEARN 29 (1): 118-128 JAN 2018	ACAD MATH SYST SCI CAS;YEUNGNAM UNIV;UNIV WITWATERSRAND;KYUNGPOOK NATL UNIV;CHINESE ACAD SCI;	18
58	CONVOLUTIONAL NEURAL NETWORKS FOR HYPERSPECTRAL IMAGE CLASSIFICATION	YU, SQ;JIA, D;XU, CY	NEUROCOMPUTING 219: 88-98 JAN 5 2017	NANJING UNIV SCI & TECHNOL;SHENZHEN UNIV;	18
59	A SECURE CLOUD-ASSISTED URBAN DATA SHARING FRAMEWORK FOR UBIQUITOUS-CITIES	SHEN, J;LIU, DZ;SHEN, J;LIU, Q;SUN, XM	PERVASIVE MOB COMPUT 41: 219-230 OCT 2017	CHINESE ACAD SCI;NANJING UNIV INFORMAT SCI & TECHNOL;INST INFO ENGN CAS;	17
60	IMAGE CLASSIFICATION BY CROSS-MEDIA ACTIVE LEARNING WITH PRIVILEGED INFORMATION	YAN, Y;NIE, FP;LI, W;GAO, CQ;YANG, Y;XU, D	IEEE TRANS MULTIMEDIA 18 (12): 2494-2502 DEC 2016	NA-CHONGQING UNIV POSTS TELECOM;UNIV TECHNOL SYDNEY;UNIV SYDNEY;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;NORTHWESTERN POLYTECH UNIV;ETH ZURICH;	17
61	VEHICULAR SOCIAL NETWORKS: ENABLING SMART MOBILITY	NING, ZL;XIA, F;ULLAH, N;KONG, XJ;HU, XP	IEEE COMMUN MAG 55 (5): 49-55 MAY 2017	CHINESE ACAD SCI;SHENZHEN INST ADV TECHNOL CAS;KEY LAB UBIQUITOUS NETWORK & SERV SOFTWARE LIAONI;DALIAN UNIV TECHNOL;	17

62	A SWITCHING DELAYED PSO OPTIMIZED EXTREME LEARNING MACHINE FOR SHORT-TERM LOAD FORECASTING	ZENG, NY;ZHANG, H;LIU, WB;LIANG, JL;ALSAADI, FE	NEUROCOMPUTING 240: 175-182 MAY 31 2017	BRUNEL UNIV;XIAMEN UNIV;SOUTHEAST UNIV;KING ABDULAZIZ UNIV;	16
63	ENERGY-EFFICIENT DATA-GATHERING RENDEZVOUS ALGORITHMS WITH MOBILE SINKS FOR WIRELESS SENSOR NETWORKS	ZHANG, J;TANG, J;WANG, TB;CHEN, F	INT J SENS NETW 23 (4): 248-257 2017	BEIJING UNIV TECHNOL;NORTHEASTERN UNIV-CHINA;NANJING UNIV INFORMAT SCI & TECHNOL;JIANGSU UNIV;JIANGNAN UNIV;	15
64	EVOLUTIONARY COST-SENSITIVE EXTREME LEARNING MACHINE	ZHANG, L;ZHANG, D	IEEE TRANS NEURAL NETW LEARN 28 (12): 3045-3060 DEC 2017	CHONGQING UNIV;HONG KONG POLYTECH UNIV;	14
65	STRUCTURE DESCRIPTOR FOR SURFACE PASSIVATION IN THE SIMULATION OF ATOMISTIC MODELS	CAO, L;KOO, S;SUN, J;CHEN, GH;WANG, WP	SCI CHINA-INF SCI 60 (3): - MAR 2017	UNIV HONG KONG;	14
66	TOWARDS BETTER ANALYSIS OF DEEP CONVOLUTIONAL NEURAL NETWORKS	LIU, MC;SHI, JX;LI, Z;LI, CX;ZHU, J;LIU, SX	IEEE TRANS VISUAL COMPUT GR 23 (1): 91-100 JAN 2017	NA-CBICR CTR;TSING HUA UNIV;	12
67	WIRELESS BIG DATA COMPUTING IN SMART GRID	WANG, K;WANG, YQ;HU, XX;SUN, YF;DENG, DJ;VINEL, A;ZHANG, Y	IEEE WIREL COMMUN 24 (2): 58-64 APR 2017	NA-HALMSTAD UNIV;UNIV OSLO;SIMULA RES LAB;NATL CHANGHUA UNIV EDUC;NANJING UNIV POSTS TELECOM;	12
68	THE DEEP LEARNING VISION FOR HETEROGENEOUS NETWORK TRAFFIC CONTROL: PROPOSAL, CHALLENGES, AND FUTURE PERSPECTIVE	KATO, N;FADLULLAH, ZM;MAO, BM;TANG, F;AKASHI, O;INOUE, T;MIZUTANI, K	IEEE WIREL COMMUN 24 (3): 146-153 SP. ISS. SI JUN 2017	NIPPON TELEGRAPH TELEPHONE;TOHOKU UNIV;	12

69	BRMS: AN R PACKAGE FOR BAYESIAN MULTILEVEL MODELS USING STAN	BURKNER, PC	J STAT SOFTW 80 (1): 1-28 AUG 2017	UNIV MUNSTER;	12
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