

ESI 中计算机科学领域 热点论文信息推送

中国科学院自动化研究所

本期编者：张丽娟、鲁宁

发布日期：2017 年 12 月 19 日

ESI 中计算机科学及其相关领域热点论文信息推送

——基于 2017 年 11 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 2 个月内被引次数高居于前千分之一的 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 6 月到 2017 年 6 月发表的文章中, 在 2017 年 7 月和 8 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 2017 年 11 月 20 日。

本期 ESI 发布的计算机科学领域的热点文章共 76 篇, 其中首次入榜文章 39 篇。单篇最高被引 2430 次, 最低被引 4 次。首次入榜的篇文章中, 单篇最高被引是 76 次。

排名第一的, 被引 2430 次的文章由位于美国的威斯康星大学 (UNIV WISCONSIN) 的 Bates, Douglas 等人发表在 *JOURNAL OF STATISTICAL SOFTWARE* 上的标题为“**Fitting Linear Mixed-Effects Models Using Lme4**”。

首次入榜的文章中, 排名第一的被引 76 次的文章由南京信息工程大学 (NANJING UNIV INFORMAT SCI & TECHNOL) 的 GU,B 等人合作发表在 *IEEE TRANS NEURAL NETW LEARN*, 标题为“**STRUCTURAL MINIMAX PROBABILITY MACHINE**”。

附：该领域所有热点文章的详细信息请见附表（按文章引用次数排列,红色为首次入榜文章，点击题名可访问原文,如原文链接无法直接点击打开，请直接右键复制超链接在浏览器中打开。）

序号	题名	作者	出处	机构	被引次数
1.	FITTING LINEAR MIXED-EFFECTS MODELS USING LME4	BATES, D;MACHLER, M;BOLKER, BM;WALKER, SC	J STAT SOFTW 67 (1): 1-48 OCT 2015	ETH ZURICH;UNIV WISCONSIN SYSTEM;UNIV WISCONSIN MADISON;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;MCMASTER UNIV;	2430
2.	A SECURE AND DYNAMIC MULTI-KEYWORD RANKED SEARCH SCHEME OVER ENCRYPTED CLOUD DATA	XIA, ZH;WANG, XH;SUN, XM;WANG, Q	IEEE TRANS PARALL DISTRIB SYS 27 (2): 340-352 FEB 2016	NANJING UNIV INFORMAT SCI & TECHNOL;WUHAN UNIV;	259
3.	LEAST-SQUARES MEANS: THE R PACKAGE LSMEANS	LENTH, RV	J STAT SOFTW 69 (1): 1-33 JAN 2016	UNIV IOWA;	180
4.	MASTERING THE GAME OF GO WITH DEEP NEURAL NETWORKS AND TREE SEARCH	SILVER, D;HUANG, A;MADDISON, CJ;GUEZ, A;SIFRE, L;VAN DEN DRIESSCHE, G;SCHRITTWIESER, J;ANTONOGLOU, I;PANNEERSHELVAM, V;LANCTOT, M;DIELEMAN, S;GREWE, D;NHAM,	NATURE 529 (7587): 484-+ JAN 28 2016	GOOGLE INC;	158

		J;KALCHBRENNER, N;SUTSKEVER, I;LILLICRAP, T;LEACH, M;KAVUKCUOGLU, K;GRAEPEL, T;HASSABIS, D			
5.	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;	153
6.	CONTROL OF NONLINEAR NETWORKED SYSTEMS WITH PACKET DROPOUTS: INTERVAL TYPE-2 FUZZY MODEL-BASED APPROACH	LI, HY;WU, CW;SHI, P;GAO, YB	IEE TRANS CYBERN 45 (11): 2378-2389 NOV 2015	BOHAI UNIV;VICTORIA UNIV;UNIV ADELAIDE;	116
7.	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;	90
8.	A MULTILAYER IMPROVED RBM NETWORK BASED IMAGE COMPRESSION METHOD IN WIRELESS SENSOR NETWORKS	CHENG, CL;WANG, S;CHEN, XG;YANG, YY	INT J DISTRIB SENS NETW : - 2016	NANJING COLL FORESTRY POLICE;NANJING UNIV POSTS TELECOM;	87
9.	COMPOSITE ADAPTIVE FUZZY OUTPUT FEEDBACK CONTROL DESIGN FOR UNCERTAIN NONLINEAR STRICT-FEEDBACK SYSTEMS WITH INPUT SATURATION	LI, YM;TONG, SC;LI, TS	IEE TRANS CYBERN 45 (10): 2299-2308 OCT 2015	DALIAN MARITIME UNIV;LIAONING UNIV TECH;	85
10.	TOWARD EFFICIENT	FU, ZJ;WU, XL;GUAN,	IEEE TRANS INF FORENSIC SECUR	NANJING UNIV INFORMAT SCI &	80

	MULTI-KEYWORD FUZZY SEARCH OVER ENCRYPTED OUTSOURCED DATA WITH ACCURACY IMPROVEMENT	CW;SUN, XM;REN, K	11 (12): 2706-2716 DEC 2016	TECHNOL;SUNY SYSTEM;SUNY BUFFALO;	
11.	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;	76
12.	DATA GATHERING OPTIMIZATION BY DYNAMIC SENSING AND ROUTING IN RECHARGEABLE SENSOR NETWORKS	ZHANG, YM;HE, SB;CHEN, JM	IEEE ACM TRANS NETWORKING 24 (3): 1632-1646 JUN 2016	ZHEJIANG UNIV;	71
13.	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	JIANGSU LIGHTNING PROTECT CTR;NANJING UNIV INFORMAT SCI & TECHNOL;	69
14.	WIDEBAND MILLIMETER-WAVE PROPAGATION MEASUREMENTS AND CHANNEL MODELS FOR FUTURE WIRELESS COMMUNICATION SYSTEM DESIGN	RAPPAPORT, TS;MACCARTNEY, GR;SAMIMI, MK;SUN, S	IEEE TRANS COMMUN 63 (9): 3029-3056 SEP 2015	NEW YORK UNIV;	69
15.	WEBVRGIS BASED TRAFFIC ANALYSIS AND VISUALIZATION SYSTEM	LI, XM;LV, ZH;WANG, WX;ZHANG, BY;HU, JX;YIN, L;FENG, SZ	ADV ENG SOFTW 93: 1-8 MAR 2016	CHINESE ACAD SCI;SHENZHEN RES CTR DIGITAL CITY ENGN;MINIST LAND & RESOURCES;	60
16.	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;	56
17.	RPREP: A ROBUST AND PRIVACY-PRESERVING REPUTATION MANAGEMENT SCHEME FOR PSEUDONYM-ENABLED VANETS	WANG, J;ZHANG, YH;WANG, YY;GU, X	INT J DISTRIB SENS NETW : - 2016	NANTONG UNIV;	55
18.	LIMITED FEEDBACK HYBRID	ALKHATEEB, A;LEUS,	IEEE TRANS WIREL COMMUN 14	DELFT UNIV TECHNOL;UNIV TEXAS	47

	PRECODING FOR MULTI-USER MILLIMETER WAVE SYSTEMS	G;HEATH, RW	(11): 6481-6494 NOV 2015	SYS;UNIV TEXAS AUSTIN;	
19.	JOINT RATE AND SINR COVERAGE ANALYSIS FOR DECOUPLED UPLINK-DOWNLINK BIASED CELL ASSOCIATIONS IN HETNETS	SINGH, S;ZHANG, XC;ANDREWS, JG	IEEE TRANS WIREL COMMUN 14 (10): 5360-5373 OCT 2015	QUALCOMM;UNIV TEXAS SYS;UNIV TEXAS AUSTIN;	44
20.	MASSIVE MIMO: TEN MYTHS AND ONE CRITICAL QUESTION	BJORNSON, E;LARSSON, EG;MARZETTA, TL	IEEE COMMUN MAG 54 (2): 114-123 FEB 2016	LINKOPING UNIV;NOKIA;	44
21.	EVENT-TRIGGERED FAULT DETECTION OF NONLINEAR NETWORKED SYSTEMS	LI, HY;CHEN, ZR;WU, LG;LAM, HK;DU, HP	IEE TRANS CYBERN 47 (4): 1041-1052 APR 2017	BOHAI UNIV;UNIV WOLLONGONG;UNIV LONDON;KINGS COLL LONDON;HARBIN INST TECHNOL;	40
22.	THE STATUS, CHALLENGES, AND FUTURE OF ADDITIVE MANUFACTURING IN ENGINEERING	GAO, W;ZHANG, YB;RAMANUJAN, D;RAMANI, K;CHEN, Y;WILLIAMS, CB;WANG, CCL;SHIN, YC;ZHANG, S;ZAVATTIERI, PD	COMPUT AID DES 69: 65-89 DEC 2015	CHINESE UNIV HONG KONG;VIRGINIA POLYTECH INST;UNIV SO CALIF;PURDUE UNIV SYS;PURDUE UNIV;	40
23.	PHASE-CHANGE MEMORY OPTIMIZATION FOR GREEN CLOUD WITH GENETIC ALGORITHM	QIU, MK;MING, Z;LI, JY;GAI, KK;ZONG, ZL	IEEE TRANS COMPUT 64 (12): 3528-3540 DEC 2015	NA-NETRONOME CO;TEXAS STATE UNIV SYSTEM;TEXAS STATE UNIV SAN MARCOS;SHENZHEN UNIV;PACE UNIV;	39
24.	LANDMARK RECOGNITION WITH COMPACT BOW HISTOGRAM AND ENSEMBLE ELM	CAO, JW;CHEN, T;FAN, JY	MULTIMED TOOLS APPL 75 (5): 2839-2857 MAR 2016	AGCY SCI TECHNOL RES;HANGZHOU DIANZI UNIV;	38
25.	EFFECTIVE AND EFFICIENT GLOBAL CONTEXT VERIFICATION FOR IMAGE	ZHOU, ZL;WANG, YL;WU, QMJ;YANG,	IEEE TRANS INF FORENSIC SECUR 12 (1): 48-63 JAN 2017	NANJING UNIV INFORMAT SCI & TECHNOL;UNIV WINDSOR;NATL	38

	COPY DETECTION	CN;SUN, XM		DONG HWA UNIV;	
26.	CLOUD COMPUTING ADOPTION FRAMEWORK: A SECURITY FRAMEWORK FOR BUSINESS CLOUDS	CHANG, V;KUO, YH;RAMACHANDRAN, M	FUTURE GENER COMPUT SYST 57: 24-41 APR 2016	NA-INST INFORMAT IND;LEEDS BECKETT UNIV;	35
27.	CONSENSUS OF LINEAR MULTI-AGENT SYSTEMS BY DISTRIBUTED EVENT-TRIGGERED STRATEGY	HU, WF;LIU, L;FENG, G	IEE TRANS CYBERN 46 (1): 148-157 JAN 2016	CITY UNIV HONG KONG;	35
28.	IMPLEMENTING SMART FACTORY OF INDUSTRIE 4.0: AN OUTLOOK	WANG, SY;WAN, JF;LI, D;ZHANG, CH	INT J DISTRIB SENS NETW : - 2016	S CHINA UNIV TECHNOL;	35
29.	ASYNCHRONOUS DISSIPATIVE STATE ESTIMATION FOR STOCHASTIC COMPLEX NETWORKS WITH QUANTIZED JUMPING COUPLING AND UNCERTAIN MEASUREMENTS	XU, Y;LU, RQ;PENG, H;XIE, K;XUE, AK	IEEE TRANS NEURAL NETW LEARN 28 (2): 268-277 FEB 2017	GUANGDONG UNIV TECHNOL;HANGZHOU DIANZI UNIV;	35
30.	OBSERVER-BASED ADAPTIVE BACKSTEPPING CONSENSUS TRACKING CONTROL FOR HIGH-ORDER NONLINEAR SEMI-STRICT-FEEDBACK MULTIAGENT SYSTEMS	CHEN, CLP;WEN, GX;LIU, YJ;LIU, Z	IEE TRANS CYBERN 46 (7): 1591-1601 JUL 2016	NA-BINZHOU UNIV;UNIV MACAU;UMACAU RES INST;LIAONING UNIV TECH;GUANGDONG UNIV TECHNOL;	35
31.	NEURAL CONTROLLER DESIGN-BASED ADAPTIVE CONTROL FOR NONLINEAR MIMO SYSTEMS WITH UNKNOWN HYSTERESIS INPUTS	LIU, YJ;TONG, SC;CHEN, CLP;LI, DJ	IEE TRANS CYBERN 46 (1): 9-19 JAN 2016	LIAONING UNIV TECH;UNIV MACAU;	34
32.	EVENT-TRIGGERED STATE ESTIMATION FOR COMPLEX NETWORKS WITH MIXED TIME	ZOU, L;WANG, ZD;GAO, HJ;LIU, XH	IEE TRANS CYBERN 45 (12): 2804-2815 DEC 2015	BRUNEL UNIV;HARBIN INST TECHNOL;	34

	DELAYS VIA SAMPLED DATA INFORMATION: THE CONTINUOUS-TIME CASE				
33.	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;	34
34.	ENERGY-EFFICIENT HYBRID ANALOG AND DIGITAL PRECODING FOR MMWAVE MIMO SYSTEMS WITH LARGE ANTENNA ARRAYS	GAO, XY;DAI, LL;HAN, SF;I, CL;HEATH, RW	IEEE J SEL AREA COMMUN 34 (4): 998-1009 APR 2016	CHINA MOBILE;UNIV TEXAS SYS;UNIV TEXAS AUSTIN;TSING HUA UNIV;	30
35.	ON INPUT-TO-STATE STABILITY OF SWITCHED STOCHASTIC NONLINEAR SYSTEMS UNDER EXTENDED ASYNCHRONOUS SWITCHING	KANG, Y;ZHAI, DH;LIU, GP;ZHAO, YB	IEE TRANS CYBERN 46 (5): 1092-1105 MAY 2016	BEIJING INST TECHNOL;ZHEJIANG UNIV TECHNOL;UNIV SCI & TECHNOL CHINA;UNIV S WALES;HARBIN INST TECHNOL;CHINESE ACAD SCI;	29
36.	RESILIENT ASYNCHRONOUS H-INFINITY FILTERING FOR MARKOV JUMP NEURAL NETWORKS WITH UNIDEAL MEASUREMENTS AND MULTIPLICATIVE NOISES	ZHANG, LX;ZHU, YZ;SHI, P;ZHAO, YX	IEE TRANS CYBERN 45 (12): 2840-2852 DEC 2015	HARBIN ENGN UNIV;VICTORIA UNIV;UNIV SYS OHIO;UNIV ADELAIDE;OHIO STATE UNIV;KING ABDULAZIZ UNIV;HARBIN INST TECHNOL;	28
37.	MILLIMETER WAVE CELLULAR NETWORKS: A MAC LAYER PERSPECTIVE	SHOKRI-GHADIKOLA EI, H;FISCHIONE, C;FODOR, G;POPOVSKI, P;ZORZI, M	IEEE TRANS COMMUN 63 (10): 3437-3458 OCT 2015	AALBORG UNIV;UNIV PADUA;ROYAL INST TECHNOL;ERICSSON;	28
38.	BLOCK-ROW SPARSE MULTIVIEW MULTILABEL LEARNING FOR IMAGE CLASSIFICATION	ZHU, XF;LI, XL;ZHANG, SC	IEE TRANS CYBERN 46 (2): 450-461 SP. ISS. SI FEB 2016	CHINESE ACAD SCI;ZHEJIANG GONGSHANG UNIV;XIAN JIAOTONG UNIV;XIAN INST OPTIC PRECISION	27

				MECH CAS;STATE KEY LAB TRANSIENT OPT;GUANGXI NORMAL UNIV;	
39.	AN EFFICIENT COMPUTATIONAL APPROACH FOR SIZE-DEPENDENT ANALYSIS OF FUNCTIONALLY GRADED NANOPATES	NGUYEN, NT;HUI, D;LEE, J;NGUYEN-XUAN, H	COMPUT METHOD APPL MECH ENG 297: 191-218 DEC 1 2015	NA-HO CHI MINH CITY UNIV TECHNOL HUTECH;VIETNAMESE GERMAN UNIV;UNIV NEW ORLEANS;UNIV LOUISIANA SYS;SEJONG UNIV;	27
40.	BUILDING KNOWLEDGE BASE OF URBAN EMERGENCY EVENTS BASED ON CROWDSOURCING OF SOCIAL MEDIA	XU, Z;ZHANG, H;HU, CP;MEI, L;XUAN, JY;CHOO, KKR;SUGUMARAN, V;ZHU, YW	CONCURR COMPUT-PRACT EXP 28 (15): 4038-4052 OCT 2016	NA-MINIST PUBL SECUR;ZHEJIANG BUSINESS TECHNOL INST;UNIV SOUTH AUSTRALIA;TSING HUA UNIV;SHANGHAI UNIV;OAKLAND UNIV;	27
41.	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;	26
42.	ADAPTIVE FUZZY CONTROL DESIGN FOR STOCHASTIC NONLINEAR SWITCHED SYSTEMS WITH ARBITRARY SWITCHINGS AND UNMODELED DYNAMICS	LI, YM;SUI, SA;TONG, SC	IEE TRANS CYBERN 47 (2): 403-414 FEB 2017	LIAONING UNIV TECH;	26
43.	NEURAL NETWORK CONTROL-BASED ADAPTIVE LEARNING DESIGN FOR NONLINEAR SYSTEMS WITH	LIU, YJ;LI, J;TONG, SC;CHEN, CLP	IEEE TRANS NEURAL NETW LEARN 27 (7): 1562-1571 JUL 2016	LIAONING UNIV TECH;UNIV MACAU;	23

	<u>FULL-STATE CONSTRAINTS</u>				
44.	<u>NUMERICAL MODELING OF NANOFLUID NATURAL CONVECTION IN A SEMI ANNULUS IN EXISTENCE OF LORENTZ FORCE</u>	SHEIKHOESLAMI, M;ROKNI, HB	COMPUT METHOD APPL MECH ENG 317: 419-430 APR 15 2017	BABOL NOSHIRVANI UNIV TECHOL;TENNESSEE TECH UNIV;	23
45.	<u>TOWARDS A BIG DATA SYSTEM DISASTER RECOVERY IN A PRIVATE CLOUD</u>	CHANG, V	AD HOC NETW 35: 65-82 SP. ISS. SI DEC 2015	LEEDS BECKETT UNIV;	22
46.	<u>ADAPTIVE FUZZY OUTPUT-FEEDBACK STABILIZATION CONTROL FOR A CLASS OF SWITCHED NONSTRICT-FEEDBACK NONLINEAR SYSTEMS</u>	LI, YM;TONG, SC	IEE TRANS CYBERN 47 (4): 1007-1016 APR 2017	LIAONING UNIV TECH;	20
47.	<u>ENERGY-EFFICIENT DISTRIBUTED FILTERING IN SENSOR NETWORKS: A UNIFIED SWITCHED SYSTEM APPROACH</u>	ZHANG, D;SHI, P;ZHANG, WA;YU, L	IEE TRANS CYBERN 47 (7): 1618-1629 JUL 2017	HARBIN ENGN UNIV;ZHEJIANG UNIV TECHNOL;VICTORIA UNIV;UNIV ADELAIDE;NATL UNIV SINGAPORE;	20
48.	<u>VISIBILITY GRAPH FROM ADAPTIVE OPTIMAL KERNEL TIME-FREQUENCY REPRESENTATION FOR CLASSIFICATION OF EPILEPTIFORM EEG</u>	GAO, ZK;CAI, Q;YANG, YX;DONG, N;ZHANG, SS	INT J NEURAL SYST 27 (4): - JUN 2017	TIANJIN UNIV;	20
49.	<u>THE BIG DATA ANALYTICS AND APPLICATIONS OF THE SURVEILLANCE SYSTEM USING VIDEO STRUCTURED DESCRIPTION TECHNOLOGY</u>	XU, Z;MEI, L;HU, CP;LIU, YH	CLUSTER COMPUT 19 (3): 1283-1292 SEP 2016	MINIST PUBL SECUR;	18
50.	<u>INDEX MODULATION TECHNIQUES FOR 5G WIRELESS NETWORKS</u>	BASAR, E	IEEE COMMUN MAG 54 (7): 168-175 JUL 2016	ISTANBUL TECH UNIV;	18

51.	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;	17
52.	OPTIMAL CONTROL-BASED ADAPTIVE NN DESIGN FOR A CLASS OF NONLINEAR DISCRETE-TIME BLOCK-TRIANGULAR SYSTEMS	LIU, YJ;TONG, SC	IEE TRANS CYBERN 46 (11): 2670-2680 NOV 2016	LIAONING UNIV TECH;	17
53.	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;	16
54.	CONTENT-CENTRIC SPARSE MULTICAST BEAMFORMING FOR CACHE-ENABLED CLOUD RAN	TAO, MX;CHEN, EK;ZHOU, H;YU, W	IEEE TRANS WIREL COMMUN 15 (9): 6118-6131 SEP 2016	NORTHWESTERN UNIV;UNIV TORONTO;SHANGHAI JIAO TONG UNIV;	16
55.	ON MAGNETOHYDRODYNAMIC FLOW OF NANOFUID DUE TO A ROTATING DISK WITH SLIP EFFECT: A NUMERICAL STUDY	HAYAT, T;MUHAMMAD, T;SHEHZAD, SA;ALSAEDI, A	COMPUT METHOD APPL MECH ENG 315: 467-477 MAR 1 2017	COMSATS INST INFORMAT TECHNOL;QUAID I AZAM UNIV;KING ABDULAZIZ UNIV;	15
56.	HIERARCHICAL CODEBOOK DESIGN FOR BEAMFORMING TRAINING IN MILLIMETER-WAVE COMMUNICATION	XIAO, ZY;HE, T;XIA, PF;XIA, XG	IEEE TRANS WIREL COMMUN 15 (5): 3380-3392 MAY 2016	BEIHANG UNIV;UNIV DELAWARE;TONGJI UNIV;	14
57.	FREQUENCY SELECTIVE HYBRID PRECODING FOR LIMITED FEEDBACK MILLIMETER WAVE SYSTEMS	ALKHATEEB, A;HEATH, RW	IEEE TRANS COMMUN 64 (5): 1801-1818 MAY 2016	UNIV TEXAS AUSTIN;UNIV TEXAS SYS;	14

58.	<u>ADAPTIVE NEURAL NETWORK CONTROL OF A MARINE VESSEL WITH CONSTRAINTS USING THE ASYMMETRIC BARRIER LYAPUNOV FUNCTION</u>	HE, W;YIN, Z;SUN, CY	IEE TRANS CYBERN 47 (7): 1641-1651 JUL 2017	SOUTHEAST UNIV;UNIV SCI & TECHNOL BEIJING;UNIV ELECT SCI & TECHNOL CHINA;	13
59.	<u>VIDEO STRUCTURED DESCRIPTION TECHNOLOGY BASED INTELLIGENCE ANALYSIS OF SURVEILLANCE VIDEOS FOR PUBLIC SECURITY APPLICATIONS</u>	XU, Z;HU, CP;MEI, L	MULTIMED TOOLS APPL 75 (19): 12155-12172 OCT 2016	MINIST PUBL SECUR;	13
60.	<u>OBSERVER-BASED CONSENSUS TRACKING OF NONLINEAR AGENTS IN HYBRID VARYING DIRECTED TOPOLOGY</u>	CAO, Y;ZHANG, LY;LI, CY;CHEN, MZQ	IEE TRANS CYBERN 47 (8): 2212-2222 SP. ISS. SI AUG 2017	ACAD MATH SYST SCI CAS;UNIV HONG KONG;CHINESE ACAD SCI;	12
61.	<u>EXTENDED DISSIPATIVE STATE ESTIMATION FOR MARKOV JUMP NEURAL NETWORKS WITH UNRELIABLE LINKS</u>	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;	12
62.	<u>EFFICIENT IMPLEMENTATION OF NIST-COMPLIANT ELLIPTIC CURVE CRYPTOGRAPHY FOR 8-BIT AVR-BASED SENSOR NODES</u>	LIU, Z;SEO, H;GROSSSCHADL, J;KIM, H	IEEE TRANS INF FORENSIC SECUR 11 (7): 1385-1397 JUL 2016	PUSAN NATL UNIV;UNIV LUXEMBOURG;	12
63.	<u>JOINT DICTIONARY LEARNING FOR MULTISPECTRAL CHANGE DETECTION</u>	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;	11
64.	<u>DISTRIBUTION OF PRIMARY ADDITIONAL ERRORS IN FRACTAL ENCODING METHOD</u>	LIU, SA;FU, WN;HE, LQ;ZHOU, JT;MA, M	MULTIMED TOOLS APPL 76 (4): 5787-5802 FEB 2017	INNER MONGOLIA UNIV;	11
65.	<u>AIR-BREATHING HYPERSONIC</u>	MU, CX;NI, Z;SUN,	IEEE TRANS NEURAL NETW LEARN	SOUTH DAKOTA STATE UNIV;UNIV	10

	<u>VEHICLE TRACKING CONTROL BASED ON ADAPTIVE DYNAMIC PROGRAMMING</u>	CY;HE, HB	28 (3): 584-598 MAR 2017	RHODE ISLAND;TIANJIN UNIV;SOUTHEAST UNIV;	
66.	<u>EXTREME LEARNING MACHINE AND ADAPTIVE SPARSE REPRESENTATION FOR IMAGE CLASSIFICATION</u>	CAO, JW;ZHANG, K;LUO, MX;YIN, C;LAI, XP	NEURAL NETWORKS 81: 91-102 SEP 2016	CHINA JILIANG UNIV;UNIV ELECT SCI & TECHNOL CHINA;HANGZHOU DIANZI UNIV;	10
67.	<u>A FRACTAL IMAGE ENCODING METHOD BASED ON STATISTICAL LOSS USED IN AGRICULTURAL IMAGE COMPRESSION</u>	LIU, S;ZHANG, ZB;QI, LY;MA, M	MULTIMED TOOLS APPL 75 (23): 15525-15536 DEC 2016	INNER MONGOLIA UNIV;	10
68.	<u>MODELING AND ANALYZING MILLIMETER WAVE CELLULAR SYSTEMS</u>	ANDREWS, JG;BAI, TY;KULKARNI, MN;ALKHATEEB, A;GUPTA, AK;HEATH, RW	IEEE TRANS COMMUN 65 (1): 403-430 JAN 2017	UNIV TEXAS AUSTIN;UNIV TEXAS SYS;	9
69.	<u>NEURAL NETWORK-BASED ADAPTIVE LEADER-FOLLOWING CONSENSUS CONTROL FOR A CLASS OF NONLINEAR MULTIAGENT STATE-DELAY SYSTEMS</u>	WEN, GX;CHEN, CLP;LIU, YJ;LIU, Z	IEE TRANS CYBERN 47 (8): 2151-2160 SP. ISS. SI AUG 2017	NA-BINZHOU UNIV;UNIV MACAU;UMACAU RES INST;LIAONING UNIV TECH;GUANGDONG UNIV TECHNOL;	9
70.	<u>ANALYSIS OF FLOW AND HEAT TRANSFER IN WATER BASED NANOFUID DUE TO MAGNETIC FIELD IN A POROUS ENCLOSURE WITH CONSTANT HEAT FLUX USING CVFEM</u>	SHEIKHOESLAMI, M;ZEESHAN, A	COMPUT METHOD APPL MECH ENG 320: 68-81 JUN 15 2017	BABOL NOSHIRVANI UNIV TECHOL;INT ISLAMIC UNIV;	8
71.	<u>A STUDY ON APPLICATION-AWARE SCHEDULING IN WIRELESS NETWORKS</u>	ZHENG, X;CAI, ZP;LI, JZ;GAO, H	IEEE TRANS MOB COMPUT 16 (7): 1787-1801 JUL 1 2017	GEORGIA STATE UNIV;UNIV SYS GEORGIA;HARBIN INST TECHNOL;	8

72.	<u>SDVN: ENABLING RAPID NETWORK INNOVATION FOR HETEROGENEOUS VEHICULAR COMMUNICATION</u>	HE, ZJ;CAO, JN;LIU, XF	IEEE NETWORK 30 (4): 10-15 JUL-AUG 2016	HONG KONG POLYTECH UNIV;TONGJI UNIV;	8
73.	<u>DISTANCE LEARNING TECHNIQUES FOR ONTOLOGY SIMILARITY MEASURING AND ONTOLOGY MAPPING</u>	GAO, W;FARAHANI, MR;ASLAM, A;HOSAMANI, S	CLUSTER COMPUT 20 (2): 959-968 SP. ISS. SI JUN 2017	IRAN UNIV SCI & TECHNOL;YUNNAN NORMAL UNIV;UNIV ENGN & TECH;RANI CHANNAMMA UNIV;	7
74.	<u>NEAR-OPTIMAL BEAM SELECTION FOR BEAMSPACE MMWAVE MASSIVE MIMO SYSTEMS</u>	GAO, XY;DAI, LL;CHEN, ZJ;WANG, ZC;ZHANG, ZJ	IEEE COMMUN LETT 20 (5): 1054-1057 MAY 2016	TSING HUA UNIV;	7
75.	<u>ROBUST RESOURCE ALLOCATION FOR MIMO WIRELESS POWERED COMMUNICATION NETWORKS BASED ON A NON-LINEAR EH MODEL</u>	BOSHKOVSKA, E;NG, DWK;ZLATANOV, N;KOELPIN, A;SCHOBBER, R	IEEE TRANS COMMUN 65 (5): 1984-1999 MAY 2017	MONASH UNIV;UNIV NEW S WALES;UNIV ERLANGEN NUREMBERG;UNIV BRITISH COLUMBIA;	5
76.	<u>ROBUST FUZZY 3D PATH FOLLOWING FOR AUTONOMOUS UNDERWATER VEHICLE SUBJECT TO UNCERTAINTIES</u>	XIANG, XB;YU, CY;ZHANG, Q	COMPUT OPER RES 84: 165-177 AUG 2017	HUAZHONG UNIV SCI & TECHNOL;	4

《ESI 计算机科学热点论文推送》

《ESI 计算机科学热点论文推送》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：鲁宁、张丽娟

邮箱：ning.lu@ia.ac.cn

Lijuan.zhang@ia.ac.cn

电话：010-82544717、82544500