

ESI 中工程学领域 热点论文信息推送

中国科学院自动化研究所

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——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 发布的工程学领域的热点文章共 277 篇, 单篇最高被引 416 次, 最低被引 3 次。新上榜的文章有 128 篇。

被引 351 次的文章是发表在 *NAT ENERGY* 上的“**EFFICIENT ORGANIC SOLAR CELLS PROCESSED FROM HYDROCARBON SOLVENTS**”, 第一作者是香港科技大学 (HONG KONG UNIV SCI & TECHNOL) 的 Zhao, JB。已经连续多次位居榜首。

新上榜的文章第一名 (被引 61 次), 题为“**COMPUTATIONAL FLUID DYNAMICS FOR URBAN PHYSICS: IMPORTANCE, SCALES, POSSIBILITIES, LIMITATIONS AND TEN TIPS AND TRICKS TOWARDS ACCURATE AND RELIABLE SIMULATIONS**”, 作者为埃因霍温科技大学 (EINDHOVEN UNIV TECHNOL) 的 BLOCKEN, B 等人, 出处是 *BLDG ENVIRON*。

附：该领域所有热点文章的详细信息请见附表（红色为新上榜的文章）

序号	题名	作者	出处	机构	被引次数
1.	EFFICIENT ORGANIC SOLAR CELLS PROCESSED FROM HYDROCARBON SOLVENTS	ZHAO, JB;LI, YK;YANG, GF;JIANG, K;LIN, HR;ADE, H;MA, W;YAN, H	NAT ENERGY 1: - JAN 25 2016	HONG KONG UNIV SCI & TECHNOL;XIAN JIAOTONG UNIV;UNIVERSITY OF NORTH CAROLINA;N CAROLINA STATE UNIV;	416
2.	SOLAR CELL EFFICIENCY TABLES (VERSION 47)	GREEN, MA;EMERY, K;HISHIKAWA, Y;WARTA, W;DUNLOP, ED	PROG PHOTOVOLTAICS 24 (1): 3-11 JAN 2016	EC JRC ISPRA SITE MGMT;US DEPT ENERGY;UNIV NEW S WALES;NATL RENEWABLE ENERGY LAB;NATL INST ADV IND SCI TECHNOL - JAPAN;FRAUNHOFER GESELLSCHAFT;EUROPEAN COMMISS JOINT RES CTR;	242
3.	IMAGENET LARGE SCALE VISUAL RECOGNITION CHALLENGE	RUSSAKOVSKY, O;DENG, J;SU, H;KRAUSE, J;SATHEESH, S;MA, S;HUANG, ZH;KARPATY, A;KHOSLA, A;BERNSTEIN, M;BERG, AC;FEI-FEI, L	INT J COMPUT VISION 115 (3): 211-252 DEC 2015	MIT;UNIVERSITY OF NORTH CAROLINA;UNIV N CAROLINA CHAPEL HILL;UNIV MICHIGAN SYS;UNIV MICHIGAN;STANFORD UNIV;	219
4.	THREE DIMENSIONAL MESOSCOPIC SIMULATION OF MAGNETIC FIELD EFFECT ON NATURAL CONVECTION OF NANOFLUID	SHEIKHOESLAMI, M;ELLAHI, R	INT J HEAT MASS TRANSFER 89: 799-808 OCT 2015	BABOL NOSHIRVANI UNIV TECHOL;UNIV CALIF SYSTEM;UNIV CALIF RIVERSIDE;IIUI;	195
5.	A METAL-ORGANIC FRAMEWORK-DERIVED BIFUNCTIONAL OXYGEN	XIA, BY;YAN, Y;LI, N;WU, HB;LOU, XW;WANG, X	NAT ENERGY 1: - JAN 11 2016	NANYANG TECHNOL UNIV;NANYANG TECHNOL UNIV + NIE;	187

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6.	SOLAR CELL EFFICIENCY TABLES (VERSION 48)	GREEN, MA;EMERY, K;HISHIKAWA, Y;WARTA, W;DUNLOP, ED	PROG PHOTOVOLTAICS 24 (7): 905-913 JUL 2016	EC JRC ISPRA SITE MGMT;US DEPT ENERGY;UNIV NEW S WALES;NATL RENEWABLE ENERGY LAB;NATL INST ADV IND SCI TECHNOL - JAPAN;FRAUNHOFER GESELLSCHAFT;EUROPEAN COMMISS JOINT RES CTR;	182
7.	OBSERVER-BASED ADAPTIVE SLIDING MODE CONTROL FOR NONLINEAR MARKOVIAN JUMP SYSTEMS	LI, HY;SHI, P;YAO, DY;WU, LG	AUTOMATICA 64: 133-142 FEB 2016	BOHAI UNIV;VICTORIA UNIV;UNIV ADELAIDE;HARBIN INST TECHNOL;HARBIN ENGN UNIV;	120
8.	FUZZY-MODEL-BASED RELIABLE STATIC OUTPUT FEEDBACK H-INFINITY CONTROL OF NONLINEAR HYPERBOLIC PDE SYSTEMS	QIU, JB;DING, SX;GAO, HJ;YIN, S	IEEE TRANS FUZZY SYST 24 (2): 388-400 APR 2016	HARBIN INST TECHNOL;UNIV DUISBURG ESSEN;	108
9.	A MOLECULARLY ENGINEERED HOLE-TRANSPORTING MATERIAL FOR EFFICIENT PEROVSKITE SOLAR CELLS	SALIBA, M;ORLANDI, S;MATSUI, T;AGHAZADA, S;CAVAZZINI, M;CORREA-BAENA, JP;GAO, P;SCOPELLITI, R;MOSCONI, E;DAHMEN, KH;DE ANGELIS, F;ABATE, A;HAGFELDT, A;POZZI, G;GRAETZEL, M;NAZEERUDDIN, MK	NAT ENERGY 1: - JAN 18 2016	CNR;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;SWISS FED INST TECHNOL LAUSANNE;QATAR FDN;PANASONIC;ISTM-CNR;	107
10.	FUZZY APPROXIMATION-BASED	LIU, YJ;GAO, Y;TONG, SC;LI, YM	IEEE TRANS FUZZY SYST 24 (1): 16-28 FEB	LIAONING UNIV TECH;	105

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11.	MHD FREE CONVECTION OF AL₂O₃-WATER NANOFUID CONSIDERING THERMAL RADIATION: A NUMERICAL STUDY	SHEIKHOESLAMI, M;HAYAT, T;ALSAEDI, A	INT J HEAT MASS TRANSFER 96: 513-524 MAY 2016	BABOL NOSHIRVANI UNIV TECHOL;QUAID I AZAM UNIV;KING ABDULAZIZ UNIV;	101
12.	FREE-MATRIX-BASED INTEGRAL INEQUALITY FOR STABILITY ANALYSIS OF SYSTEMS WITH TIME-VARYING DELAY	ZENG, HB;HE, Y;WU, M;SHE, JH	IEEE TRANS AUTOMAT CONTR 60 (10): 2768-2772 OCT 2015	CENT S UNIV;TOKYO UNIV TECHNOL;HUNAN UNIV TECHNOL;CHINA UNIV GEOSCI;	96
13.	OBSERVER-BASED FAULT DETECTION FOR NONLINEAR SYSTEMS WITH SENSOR FAULT AND LIMITED COMMUNICATION CAPACITY	LI, HY;GAO, Y;SHI, P;LAM, HK	IEEE TRANS AUTOMAT CONTR 61 (9): 2745-2751 SEP 2016	BOHAI UNIV;VICTORIA UNIV;UNIV LONDON;UNIV ADELAIDE;KINGS COLL LONDON;HARBIN INST TECHNOL;HARBIN ENGN UNIV;	96
14.	REVIEW AND EVALUATION OF HYDROGEN PRODUCTION METHODS FOR BETTER SUSTAINABILITY	DINCER, I;ACAR, C	INT J HYDROGEN ENERG 40 (34): 11094-11111 SEP 14 2015	KING FAHD UNIV PETR MINERALS;WESTERN UNIV (UNIV WESTERN ONTARIO);	92
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17.	POLYMER-TEMPLATED NUCLEATION AND CRYSTAL GROWTH OF PEROVSKITE FILMS FOR SOLAR CELLS WITH EFFICIENCY GREATER THAN 21%	BI, DQ;YI, CY;LUO, JS;DECOPPET, JD;ZHANG, F;ZAKEERUDDIN, SM;LI, X;HAGFELDT, A;GRATZEL, M	NAT ENERGY 1: - SEP 19 2016	SWISS FED INST TECHNOL LAUSANNE;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;	86
18.	CORRELATION OF ENERGY DISORDER AND OPEN-CIRCUIT VOLTAGE IN HYBRID PEROVSKITE SOLAR CELLS	SHAO, YC;YUAN, YB;HUANG, JS	NAT ENERGY 1: - JAN 11 2016	UNIV NEBRASKA LINCOLN;UNIV NEBRASKA SYSTEM;	85
19.	ADAPTIVE FUZZY IDENTIFICATION AND CONTROL FOR A CLASS OF NONLINEAR PURE-FEEDBACK MIMO SYSTEMS WITH UNKNOWN DEAD ZONES	LIU, YJ;TONG, SC	IEEE TRANS FUZZY SYST 23 (5): 1387-1398 OCT 2015	LIAONING UNIV TECH;	85
20.	A NONLOCAL ZERO-TH-ORDER SHEAR DEFORMATION THEORY FOR FREE VIBRATION OF FUNCTIONALLY GRADED NANOSCALE PLATES RESTING ON ELASTIC FOUNDATION	BOUNOUARA, F;BENRAHOU, KH;BELKORISSAT, I;TOUNSI, A	STEEL COMPOS STRUCT 20 (2): 227-249 FEB 10 2016	ALGERIAN NATL THEMAT AGCY RES SCI & TECHNOL ATRST;UNIV DJILLALI LIABES SIDI BEL ABBES;	78
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22.	MULTI-VIEW INTACT SPACE LEARNING	XU, C;TAO, DC;XU, C	IEEE TRANS PATT ANAL MACH INT 37 (12): 2531-2544 DEC 2015	PEKING UNIV;UNIV TECHNOL SYDNEY;	77
23.	FAULT DETECTION FILTERING FOR NONLINEAR SWITCHED STOCHASTIC SYSTEMS	SU, XJ;SHI, P;WU, LG;SONG, YD	IEEE TRANS AUTOMAT CONTR 61 (5): 1310-1315 MAY 2016	CHONGQING UNIV;VICTORIA UNIV;UNIV ADELAIDE;HARBIN INST TECHNOL;HARBIN ENGN UNIV;	75
24.	ADAPTIVE NEURAL IMPEDANCE CONTROL OF A ROBOTIC MANIPULATOR WITH INPUT SATURATION	HE, W;DONG, YT;SUN, CY	IEEE TRANS SYST MAN CYBERN-SY 46 (3): 334-344 MAR 2016	SOUTHEAST UNIV;UNIV ELECT SCI & TECHNOL CHINA;	72
25.	REVIEW ON SUPERCAPACITORS: TECHNOLOGIES AND MATERIALS	GONZALEZ, A;GOIKOLEA, E;BARRENA, JA;MYSYK, R	RENEW SUSTAIN ENERGY REV 58: 1189-1206 MAY 2016	NA-CIC ENERGIGUNE;MONDRAGON UNIBERTSITATEA;	71
26.	OPTIMAL DOS ATTACK SCHEDULING IN WIRELESS	ZHANG, H;CHENG, P;SHI, L;CHEN, JM	IEEE TRANS CONTROL SYST TECHN 24 (3):	HONG KONG UNIV SCI & TECHNOL;ZHEJIANG UNIV;HUIHAI INST	71

	NETWORKED CONTROL SYSTEM		843-852 MAY 2016	TECHNOL;	
27.	IMAGE SUPER-RESOLUTION USING DEEP CONVOLUTIONAL NETWORKS	DONG, C;LOY, CC;HE, KM;TANG, XO	IEEE TRANS PATT ANAL MACH INT 38 (2): 295-307 FEB 2016	CHINESE UNIV HONG KONG;MICROSOFT RES ASIA;MICROSOFT;	71
28.	SOLAR CELL EFFICIENCY TABLES (VERSION 49)	GREEN, MA;EMERY, K;HISHIKAWA, Y;WARTA, W;DUNLOP, ED;LEVI, DH;HO-BAILLIE, AWY	PROG PHOTOVOLTAICS 25 (1): 3-13 JAN 2017	EC JRC ISPRA SITE MGMT;US DEPT ENERGY;UNIV NEW S WALES;NATL RENEWABLE ENERGY LAB;NATL INST ADV IND SCI TECHNOL - JAPAN;FRAUNHOFER GESELLSCHAFT;EUROPEAN COMMISS JOINT RES CTR;	66
29.	OBSERVED-BASED ADAPTIVE FUZZY DECENTRALIZED TRACKING CONTROL FOR SWITCHED UNCERTAIN NONLINEAR LARGE-SCALE SYSTEMS WITH DEAD ZONES	TONG, SC;ZHANG, LL;LI, YM	IEEE TRANS SYST MAN CYBERN-SY 46 (1): 37-47 JAN 2016	LIAONING UNIV TECH;	66
30.	BENDING AND FREE VIBRATION ANALYSIS OF FUNCTIONALLY GRADED PLATES USING A SIMPLE SHEAR DEFORMATION THEORY AND THE CONCEPT THE NEUTRAL SURFACE POSITION	BELLIFA, H;BENRAHOU, KH;HADJI, L;HOUARI, MSA;TOUNSI, A	J BRAZ SOC MECH SCI ENG 38 (1): 265-275 JAN 2016	NA-ALGERIAN NATL THEMAT AGCY RES SCI & TECHNOL ATRST;UNIV IBN KHALDOUN TIARET;UNIV DJILLALI LIABES SIDI BEL ABBES;	66
31.	GROWTH OF CONFORMAL GRAPHENE CAGES ON MICROMETRE-SIZED SILICON PARTICLES AS STABLE	LI, YZ;YAN, K;LEE, HW;LU, ZD;LIU, N;CUI, Y	NAT ENERGY 1: - JAN 25 2016	STANFORD LINEAR ACCELERATOR CTR;US DEPT ENERGY;STANFORD UNIV;	64

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32.	SALIENT OBJECT DETECTION: A BENCHMARK	BORJI, A;CHENG, MM;JIANG, HZ;LI, J	IEEE TRANS IMAGE PROCESSING 24 (12): 5706-5722 DEC 2015	BEIHANG UNIV;UNIV WISCONSIN SYSTEM;UNIV WISCONSIN MILWAUKEE;UNIV OXFORD;UNIV MASS SYSTEM;UNIV MASS AMHERST;	64
33.	COMPUTATIONAL FLUID DYNAMICS FOR URBAN PHYSICS: IMPORTANCE, SCALES, POSSIBILITIES, LIMITATIONS AND TEN TIPS AND TRICKS TOWARDS ACCURATE AND RELIABLE SIMULATIONS	BLOCKEN, B	BLDG ENVIRON 91: 219-245 SP. ISS. SI SEP 2015	EINDHOVEN UNIV TECHNOL;KU LEUVEN;	61
34.	EDTA FUNCTIONALIZED MAGNETIC GRAPHENE OXIDE FOR REMOVAL OF PB(II), HG(II) AND CU(II) IN WATER TREATMENT: ADSORPTION MECHANISM AND SEPARATION PROPERTY	CUI, LM;WANG, YG;GAO, L;HU, LH;YAN, LG;WEI, Q;DU, B	CHEM ENG J 281: 1-10 DEC 1 2015	SHANDONG UNIV;UNIV JINAN;	61
35.	RECENT ADVANCES IN THE USE OF DIFFERENT SUBSTRATES IN MICROBIAL FUEL CELLS TOWARD WASTEWATER TREATMENT AND SIMULTANEOUS ENERGY RECOVERY	PANDEY, P;SHINDE, VN;DEOPURKAR, RL;KALE, SP;PATIL, SA;PANT, D	APPL ENERG 168: 706-723 APR 15 2016	BHABHA ATOM RES CTR;VITO;UNIV PUNE;JIWAJI UNIV;GHENT UNIV;	60
36.	SELF-FORMED GRAIN BOUNDARY HEALING LAYER	SON, DY;LEE, JW;CHOI, YJ;JANG, IH;LEE, S;YOO,	NAT ENERGY 1: - JUN 20 2016	SEOUL NATL UNIV;YONSEI UNIV;SUNGKYUNKWAN UNIV;	60

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37.	IMPACT OF PROPERTIES OF VEGETABLE OIL, BIO-DIESEL, ETHANOL AND N-BUTANOL ON THE COMBUSTION AND EMISSIONS OF TURBOCHARGED HDDI DIESEL ENGINE OPERATING UNDER STEADY AND TRANSIENT CONDITIONS	RAKOPOULOS, DC;RAKOPOULOS, CD;GIAKOUMIS, EG	FUEL 156: 1-19 SEP 15 2015	NATL TECH UNIV ATHENS;	60
38.	SPATIAL PYRAMID POOLING IN DEEP CONVOLUTIONAL NETWORKS FOR VISUAL RECOGNITION	HE, KM;ZHANG, XY;REN, SQ;SUN, J	IEEE TRANS PATT ANAL MACH INT 37 (9): 1904-1916 SEP 2015	MICROSOFT;XIAN JIAOTONG UNIV;UNIV SCI & TECHNOL CHINA;	59
39.	RENEWABLE POWER-TO-GAS: A TECHNOLOGICAL AND ECONOMIC REVIEW	GOTZ, M;LEFEBVRE, J;MORS, F;KOCH, AM;GRAF, F;BAJOHR, S;REIMERT, R;KOLB, T	RENEWABLE ENERGY 85: 1371-1390 JAN 2016	KARLSRUHE INST TECHNOL;	59
40.	MAGNETOHYDRODYNAMIC (MHD) MIXED CONVECTION FLOW OF MICROPOLAR LIQUID DUE TO NONLINEAR STRETCHED SHEET WITH CONVECTIVE CONDITION	WAQAS, M;FAROOQ, M;KHAN, MI;ALSAEDI, A;HAYAT, T;YASMEEN, T	INT J HEAT MASS TRANSFER 102: 766-772 NOV 2016	IMPERIAL COLL LONDON;UNIV PESHAWAR;RIPHAH INT UNIV;QUAID I AZAM UNIV;KING ABDULAZIZ UNIV;	58
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43.	FIELD-PLATED GA2O3 MOSFETS WITH A BREAKDOWN VOLTAGE OF OVER 750 V	WONG, MH;SASAKI, K;KURAMATA, A;YAMAKOSHI, S;HIGASHIWAKI, M	IEEE ELECTRON DEV LETT 37 (2): 212-215 FEB 2016	NICT - JAPAN;TAMURA CORP;	56
44.	A REVIEW FOR DYNAMICS OF COLLECTIVE BEHAVIORS OF NETWORK OF NEURONS	MA, J;TANG, J	SCI CHINA-TECHNOL SCI 58 (12): 2038-2045 DEC 2015	CHINA UNIV MIN & TECHNOL;LANZHOU UNIV TECHNOL;	56
45.	IN SITU OBSERVATION OF HEAT-INDUCED DEGRADATION OF PEROVSKITE SOLAR CELLS	DIVITINI, G;CACOVICH, S;MATTEOCCI, F;CINA, L;DI CARLO, A;DUCATI, C	NAT ENERGY 1: - JAN 18 2016	UNIV CAMBRIDGE;UNIV ROME TOR VERGATA;	56
46.	ANALYSIS OF THIXOTROPIC NANOMATERIAL IN A DOUBLY STRATIFIED MEDIUM CONSIDERING MAGNETIC FIELD EFFECTS	HAYAT, T;WAQAS, M;KHAN, MI;ALSAEDI, A	INT J HEAT MASS TRANSFER 102: 1123-1129 NOV 2016	KING ABDULAZIZ UNIV;QUAID I AZAM UNIV;	56
47.	OCCUPANT BEHAVIOR MODELING FOR BUILDING PERFORMANCE SIMULATION: CURRENT STATE AND FUTURE CHALLENGES	YAN, D;OBRIEN, W;HONG, TZ;FENG, XH;GUNAY, HB;TAHMASEBI, F;MAHDAVI, A	ENERG BLDG 107: 264-278 NOV 15 2015	CARLETON UNIV;VIENNA UNIV TECHNOL;US DEPT ENERGY;UNIV CALIF SYSTEM;UNIV CALIF BERKELEY;TSING HUA UNIV;LAWRENCE BERKELEY NATL LAB;	55
48.	A STUDY ON RELATIONSHIP BETWEEN GENERALIZATION ABILITIES AND FUZZINESS OF	WANG, XZ;XING, HJ;LI, Y;HUA, Q;DONG, CR;PEDRYCZ, W	IEEE TRANS FUZZY SYST 23 (5): 1638-1654 OCT 2015	HEBEI UNIV;UNIV ALBERTA;SHENZHEN UNIV;S CHINA UNIV TECHNOL;POLISH ACAD SCI;NANJING UNIV AERONAUT &	55

	BASE CLASSIFIERS IN ENSEMBLE LEARNING			ASTRONAUT;KING ABDULAZIZ UNIV;	
49.	CDTE SOLAR CELLS WITH OPEN-CIRCUIT VOLTAGE BREAKING THE 1V BARRIER	BURST, JM;DUENOW, JN;ALBIN, DS;COLEGROVE, E;REESE, MO;AGUIAR, JA;JIANG, CS;PATEL, MK;AL-JASSIM, MM;KUCIAUSKAS, D;SWAIN, S;ABLEKIM, T;LYNN, KG;METZGER, WK	NAT ENERGY 1: - FEB 29 2016	NATL RENEWABLE ENERGY LAB;WASHINGTON STATE UNIV;US DEPT ENERGY;UNIV TENNESSEE KNOXVILLE;UNIV TENNESSEE;	55
50.	A VARIANCE-CONSTRAINED APPROACH TO RECURSIVE STATE ESTIMATION FOR TIME-VARYING COMPLEX NETWORKS WITH MISSING MEASUREMENTS	HU, J;WANG, ZD;LIU, S;GAO, HJ	AUTOMATICA 64: 155-162 FEB 2016	BRUNEL UNIV;UNIV KAISERSLAUTERN;HARBIN UNIV SCI & TECHNOL;HARBIN INST TECHNOL;	53
51.	DATA-DRIVEN INPUT VARIABLE SELECTION FOR RAINFALL-RUNOFF MODELING USING BINARY-CODED PARTICLE SWARM OPTIMIZATION AND EXTREME LEARNING MACHINES	TAORMINA, R;CHAU, KW	J HYDROL 529: 1617-1632 PART 3 OCT 2015	HONG KONG POLYTECH UNIV;	53
52.	OBSERVER-BASED FUZZY CONTROL FOR NONLINEAR NETWORKED SYSTEMS UNDER UNMEASURABLE PREMISE VARIABLES	LI, HY;WU, CW;YIN, S;LAM, HK	IEEE TRANS FUZZY SYST 24 (5): 1233-1245 OCT 2016	BOHAI UNIV;UNIV LONDON;KINGS COLL LONDON;HARBIN INST TECHNOL;	52

53.	RECYCLING OF WEEES: AN ECONOMIC ASSESSMENT OF PRESENT AND FUTURE E-WASTE STREAMS	CUCCHIELLA, F;DADAMO, I;KOH, SCL;ROSA, P	RENEW SUSTAIN ENERGY REV 51: 263-272 NOV 2015	POLYTECH UNIV MILAN;UNIV SHEFFIELD;UNIV AQUILA;	52
54.	RECENT ADVANCES ON FUZZY-MODEL-BASED NONLINEAR NETWORKED CONTROL SYSTEMS: A SURVEY	QIU, JB;GAO, HJ;DING, SX	IEEE TRANS IND ELECTRON 63 (2): 1207-1217 FEB 2016	HARBIN INST TECHNOL;UNIV DUISBURG ESSEN;	52
55.	ISOGOMETRIC ANALYSIS: AN OVERVIEW AND COMPUTER IMPLEMENTATION ASPECTS	NGUYEN, VP;ANITESCU, C;BORDAS, SPA;RABCZUK, T	MATH COMPUT SIMULAT 117: 89-116 NOV 2015	BAUHAUS UNIV WEIMAR;UNIV LUXEMBOURG;CARDIFF UNIV;	51
56.	METAL HALIDE PEROVSKITES FOR ENERGY APPLICATIONS	ZHANG, W;EPERON, GE;SNAITH, HJ	NAT ENERGY 1: - MAY 9 2016	UNIV LINCOLN;UNIV WASHINGTON SEATTLE;UNIV WASHINGTON;UNIV OXFORD;	50
57.	ADSORPTIVE DESULFURIZATION AND DENITROGENATION USING METAL-ORGANIC FRAMEWORKS	AHMED, I;JHUNG, SH	J HAZARD MATER 301: 259-276 JAN 15 2016	KYUNGPOOK NATL UNIV;	50
58.	DISTURBANCE-OBSERVER-BASED CONTROL AND RELATED METHODS-AN OVERVIEW	CHEN, WH;YANG, J;GUO, L;LI, SH	IEEE TRANS IND ELECTRON 63 (2): 1083-1095 FEB 2016	BEIHANG UNIV;SOUTHEAST UNIV;LOUGHBOROUGH UNIV;	50
59.	HYBRID FUZZY ADAPTIVE OUTPUT FEEDBACK CONTROL DESIGN FOR UNCERTAIN MIMO NONLINEAR SYSTEMS WITH TIME-VARYING DELAYS AND INPUT SATURATION	LI, YM;TONG, SC;LI, TS	IEEE TRANS FUZZY SYST 24 (4): 841-853 AUG 2016	DALIAN MARITIME UNIV;LIAONING UNIV TECH;	49
60.	ACCUMULATION OF ERRORS IN	SMIRNOV, NN;BETELIN,	ACTA ASTRONAUT 117:	LLC CTR NUMER MODELING;RUSSIAN	49

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61.	LATTICE BOLTZMANN METHODS FOR MULTIPHASE FLOW AND PHASE-CHANGE HEAT TRANSFER	LI, Q;LUO, KH;KANG, QJ;HE, YL;CHEN, Q;LIU, Q	PROG ENERG COMBUST SCI 52: 62-105 FEB 2016	CENT S UNIV;XIAN JIAOTONG UNIV;US DEPT ENERGY;UNIV LONDON;UNIV COLL LONDON;NANJING FORESTRY UNIV;LOS ALAMOS NATL LAB;	49
62.	EVENT-TRIGGERED CONSENSUS CONTROL FOR DISCRETE-TIME STOCHASTIC MULTI-AGENT SYSTEMS: THE INPUT-TO-STATE STABILITY IN PROBABILITY	DING, DR;WANG, ZD;SHEN, B;WEI, GL	AUTOMATICA 62: 284-291 DEC 2015	BRUNEL UNIV;UNIV SHANGHAI SCI TECHNOL;DONGHUA UNIV;	47
63.	STOCHASTIC STABILITY ANALYSIS FOR 2-D ROESSER SYSTEMS WITH MULTIPLICATIVE NOISE	AHN, CK;WU, LG;SHI, P	AUTOMATICA 69: 356-363 JUL 2016	HARBIN INST TECHNOL;VICTORIA UNIV;UNIV ADELAIDE;KOREA UNIV;	47
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65.	COOPERATIVE CONTROL OF A NONUNIFORM GANTRY CRANE WITH CONSTRAINED TENSION	HE, W;GE, SS	AUTOMATICA 66: 146-154 APR 2016	NATL UNIV SINGAPORE;UNIV SCI & TECHNOL BEIJING;UNIV ELECT SCI & TECHNOL CHINA;	47
66.	NEW RESULTS ON STABILITY ANALYSIS FOR SYSTEMS WITH	ZENG, HB;HE, Y;WU, M;SHE, JH	AUTOMATICA 60: 189-192 OCT 2015	CHINA UNIV GEOSCI;TOKYO UNIV TECHNOL;HUNAN UNIV TECHNOL;	46

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67.	REVIEW ON METHANATION - FROM FUNDAMENTALS TO CURRENT PROJECTS	RONSCH, S;SCHNEIDER, J;MATTHISCHKE, S;SCHLUTER, M;GOTZ, M;LEFEBVRE, J;PRABHAKARAN, P;BAJOHR, S	FUEL 166: 276-296 FEB 15 2016	DBFZ BIOMASSEFORSCHUNGSZENTRUM GGMBH;KARLSRUHE INST TECHNOL;	DEUTSCH 46
68.	ADVANCES IN LITHIUM-SULFUR BATTERIES BASED ON MULTIFUNCTIONAL CATHODES AND ELECTROLYTES	PANG, Q;LIANG, X;KWOK, CY;NAZAR, LF	NAT ENERGY 1: - SEP 8 2016	UNIV WATERLOO;	46
69.	ADVANCES IN UNDERSTANDING MECHANISMS UNDERPINNING LITHIUM-AIR BATTERIES	AURBACH, D;MCCLOSKEY, BD;NAZAR, LF;BRUCE, PG	NAT ENERGY 1: - SEP 8 2016	BAR ILAN UNIV;US DEPT ENERGY;UNIV WATERLOO;UNIV OXFORD;UNIV CALIF SYSTEM;UNIV CALIF BERKELEY;LAWRENCE BERKELEY NATL LAB;	45
70.	THE CURRENT STATUS AND FUTURE PROSPECTS OF KESTERITE SOLAR CELLS: A BRIEF REVIEW	LIU, XL;FENG, Y;CUI, HT;LIU, FY;HAO, XJ;CONIBEER, G;MITZI, DB;GREEN, M	PROG PHOTOVOLTAICS 24 (6): 879-898 JUN 2016	DUKE UNIV;UNIV NEW S WALES;	45
71.	FILTERING-BASED ITERATIVE IDENTIFICATION FOR MULTIVARIABLE SYSTEMS	WANG, YJ;DING, F	IET CONTR THEORY APPL 10 (8): 894-902 MAY 16 2016	JIANGNAN UNIV;	45
72.	AN EXPERIMENTAL STUDY ON RHEOLOGICAL BEHAVIOR OF NON-NEWTONIAN HYBRID NANO-COOLANT FOR	ESHGARF, H;AFRAND, M	EXP THERM FLUID SCI 76: 221-227 SEP 2016	ISLAMIC AZAD UNIV;	45

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73.	IMPROVED LEAST SQUARES IDENTIFICATION ALGORITHM FOR MULTIVARIABLE HAMMERSTEIN SYSTEMS	WANG, DQ;ZHANG, W	J FRANKLIN INST-ENG APPL MATH 352 (11): 5292-5307 NOV 2015	QINGDAO UNIV;	45
74.	THE INFLUENCE OF VARIOUS BIOCHARS ON THE BIOACCESSIBILITY AND BIOACCUMULATION OF PAHS AND POTENTIALLY TOXIC ELEMENTS TO TURNIPS (BRASSICA RAPA L.)	KHAN, S;WAQAS, M;DING, FH;SHAMSHAD, I;ARP, HPH;LI, G	J HAZARD MATER 300: 243-253 DEC 30 2015	CHINESE ACAD SCI;UNIV PESHAWAR;NORWEGIAN GEOTECH INST;LISHUI UNIV;INST URBAN ENVIRONM CAS;	45
75.	REVIEW ON CONCENTRATING SOLAR POWER PLANTS AND NEW DEVELOPMENTS IN HIGH TEMPERATURE THERMAL ENERGY STORAGE TECHNOLOGIES	LIU, M;TAY, NHS;BELL, S;BELUSKO, M;JACOB, R;WILL, G;SAMAN, W;BRUNO, F	RENEW SUSTAIN ENERGY REV 53: 1411-1432 JAN 2016	QUEENSLAND UNIV TECHNOL;UNIV S AUSTRALIA;	44
76.	TOWARDS STABLE AND COMMERCIALY AVAILABLE PEROVSKITE SOLAR CELLS	PARK, NG;GRATZEL, M;MIYASAKA, T;ZHU, K;EMERY, K	NAT ENERGY 1: - OCT 17 2016	NATL RENEWABLE ENERGY LAB;US DEPT ENERGY;TOIN UNIV YOKOHAMA;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;SWISS FED INST TECHNOL LAUSANNE;SUNGKYUNKWAN UNIV;	43
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79.	DEEP NEURAL NETWORKS: A PROMISING TOOL FOR FAULT CHARACTERISTIC MINING AND INTELLIGENT DIAGNOSIS OF ROTATING MACHINERY WITH MASSIVE DATA	JIA, F;LEI, YG;LIN, J;ZHOU, X;LU, N	MECH SYST SIGNAL PROCESS 72-73: 303-315 MAY 2016	XIAN JIAOTONG UNIV;	43
80.	SELECTIVE DEPOSITION AND STABLE ENCAPSULATION OF LITHIUM THROUGH HETEROGENEOUS SEEDED GROWTH	YAN, K;LU, ZD;LEE, HW;XIONG, F;HSU, PC;LI, YZ;ZHAO, J;CHU, S;CUI, Y	NAT ENERGY 1: - FEB 22 2016	STANFORD LINEAR ACCELERATOR CTR;US DEPT ENERGY;STANFORD UNIV;	43
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83.	A REVIEW OF THE COMPOSITE PHASE CHANGE MATERIALS: FABRICATION, CHARACTERIZATION, MATHEMATICAL MODELING AND APPLICATION TO PERFORMANCE ENHANCEMENT	ZHANG, P;XIAO, X;MA, ZW	APPL ENERG 165: 472-510 MAR 1 2016	SHANGHAI JIAO TONG UNIV;	42
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85.	REACTION MECHANISMS AND MULTI-SCALE MODELLING OF LIGNOCELLULOSIC BIOMASS PYROLYSIS	ANCA-COUCÉ, A	PROG ENERG COMBUST SCI 53: 41-79 MAR 2016	BIOENERGY 2020 GMBH;GRAZ UNIV TECHNOL;	42
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92.	3.8-MV/CM BREAKDOWN STRENGTH OF MOVPE-GROWN	GREEN, AJ;CHABAK, KD;HELLER, ER;FITCH,	IEEE ELECTRON DEV LETT 37 (7): 902-905 JUL	NA-AIR FORCE RES LAB;WYLE LABS;LEIBNIZ INST KRISTALLZUCHTUNG;	38

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93.	METAL-ORGANIC FRAMEWORK-BASED SEPARATOR FOR LITHIUM-SULFUR BATTERIES	BAI, SY;LIU, XZ;ZHU, K;WU, SC;ZHOU, HS	NAT ENERGY 1: - JUN 27 2016	NANJING UNIV;UNIV TSUKUBA;NATL INST ADV IND SCI TECHNOL - JAPAN;	38
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99.	MODELLING AND OPTIMIZATION OF CHP BASED DISTRICT HEATING SYSTEM WITH RENEWABLE ENERGY PRODUCTION AND ENERGY STORAGE	WANG, HC;YIN, WS;ABDOLLAHI, E;LAHDELMA, R;JIAO, WL	APPL ENERG 159: 401-421 DEC 1 2015	AALTO UNIV;SICHUAN KEHONG OIL & GAS ENGN CO LTD;HARBIN INST TECHNOL;	37
100.	AN INTEGRATED DESIGN AND FABRICATION STRATEGY FOR ENTIRELY SOFT, AUTONOMOUS ROBOTS	WEHNER, M;TRUBY, RL;FITZGERALD, DJ;MOSADEGH, B;WHITESIDES, GM;LEWIS, JA;WOOD, RJ	NATURE 536 (7617): 451-+ AUG 25 2016	CORNELL UNIV;WEILL CORNELL MED COLL;NEW YORK PRESBYTERIAN HOSP;HARVARD UNIV;	37
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104.	<u>PORE STRUCTURE CHARACTERIZATION OF DIFFERENT RANK COALS USING GAS ADSORPTION AND SCANNING ELECTRON MICROSCOPY</u>	NIE, BS;LIU, XF;YANG, LL;MENG, JQ;LI, XC	FUEL 158: 908-917 OCT 15 2015	CHINA UNIV MIN & TECHNOL;	35
105.	<u>EXPERIMENTAL STUDY ON THERMAL CONDUCTIVITY OF WATER-BASED FE3O4 NANOFLUID: DEVELOPMENT OF A NEW CORRELATION AND MODELED BY ARTIFICIAL NEURAL NETWORK</u>	AFRAND, M;TOGHRAIE, D;SINA, N	INT COMMUN HEAT MASS TRANS 75: 262-269 JUL 2016	ISLAMIC AZAD UNIV;	35
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108.	<u>PEROVSKITE SOLAR CELLS WITH 18.21% EFFICIENCY AND</u>	WU, YZ;YANG, XD;CHEN, W;YUE, YF;CAI, ML;XIE,	NAT ENERGY 1: - SEP 19 2016	NIMS;SHANGHAI JIAO TONG UNIV;	33

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127.	A NEW SIMPLE THREE-UNKNOWN SINUSOIDAL SHEAR DEFORMATION THEORY FOR FUNCTIONALLY GRADED PLATES	HOUARI, MSA;TOUNSI, A;BESSAIM, A;MAHMOUD, SR	STEEL COMPOS STRUCT 22 (2): 257-276 OCT 10 2016	KING ABDULAZIZ UNIV;UNIV MASCARA;UNIV DJILLALI LIABES SIDI BEL ABBES;SOHAG UNIV;	29
128.	ADVANCED ELECTROCHEMICAL ENERGY STORAGE SUPERCAPACITORS BASED ON THE FLEXIBLE CARBON FIBER FABRIC-COATED WITH UNIFORM CORAL-LIKE MNO2 STRUCTURED ELECTRODES	CAKICI, M;REDDY, KR;ALONSO-MARROQUIN, F	CHEM ENG J 309: 151-158 FEB 1 2017	UNIV SYDNEY;	29
129.	HYGRO-THERMO-MECHANICAL BENDING OF S-FGM PLATES RESTING ON VARIABLE ELASTIC FOUNDATIONS USING A FOUR-VARIABLE TRIGONOMETRIC PLATE THEORY	BELDJELI, Y;TOUNSI, A;MAHMOUD, SR	SMART STRUCT SYST 18 (4): 755-786 OCT 2016	KING ABDULAZIZ UNIV;UNIV DJILLALI LIABES SIDI BEL ABBES;SOHAG UNIV;	28
130.	EFFECTS OF TEMPERATURE AND CONCENTRATION ON RHEOLOGICAL BEHAVIOR OF MWCNTS/SIO2(20-80)-SAE40	ESFE, MH;AFRAND, M;YAN, WM;YARMAND, H;TOGHRAIE, D;DAHARI, M	INT COMMUN HEAT MASS TRANS 76: 133-138 AUG 2016	ISLAMIC AZAD UNIV;UNIV MALAYA;NATL TAIPEI UNIV TECH;	28

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131.	BARRIER LYAPUNOV FUNCTIONS FOR NUSSBAUM GAIN ADAPTIVE CONTROL OF FULL STATE CONSTRAINED NONLINEAR SYSTEMS	LIU, YJ;TONG, SC	AUTOMATICA 76: 143-152 FEB 2017	LIAONING UNIV TECH;	27
132.	CATALYSTS IN DIRECT ETHANOL FUEL CELL (DEFC): AN OVERVIEW	AKHAIRI, MAF;KAMARUDIN, SK	INT J HYDROGEN ENERG 41 (7): 4214-4228 FEB 23 2016	UNIV KEBANGSAAN MALAYSIA;	26
133.	H-INFINITY FAULT DETECTION FOR NETWORKED MECHANICAL SPRING-MASS SYSTEMS WITH INCOMPLETE INFORMATION	YAN, HC;QIAN, FF;ZHANG, H;YANG, FW;GUO, G	IEEE TRANS IND ELECTRON 63 (9): 5622-5631 SEP 2016	DALIAN MARITIME UNIV;TONGJI UNIV;GRIFFITH UNIV;E CHINA UNIV SCI & TECHNOL;	26
134.	NUMERICAL STUDY FOR EXTERNAL MAGNETIC SOURCE INFLUENCE ON WATER BASED NANOFLUID CONVECTIVE HEAT TRANSFER	SHEIKHOESLAMI, M;HAYAT, T;ALSAEDI, A	INT J HEAT MASS TRANSFER 106: 745-755 MAR 2017	BABOL NOSHIRVANI UNIV TECHOL;QUAID I AZAM UNIV;KING ABDULAZIZ UNIV;	26
135.	NETWORK-BASED EVENT-TRIGGERED CONTROL FOR SINGULAR SYSTEMS WITH QUANTIZATIONS	SHI, P;WANG, HJ;LIM, CC	IEEE TRANS IND ELECTRON 63 (2): 1230-1238 FEB 2016	HARBIN ENGN UNIV;ZHEJIANG SCI TECH UNIV;VICTORIA UNIV;UNIV ADELAIDE;	26
136.	ORB-SLAM: A VERSATILE AND ACCURATE MONOCULAR SLAM SYSTEM	MUR-ARTAL, R;MONTIEL, JMM;TARDOS, JD	IEEE TRANS ROBOT 31 (5): 1147-1163 OCT 2015	UNIV ZARAGOZA;	26
137.	THE PIEZORESISTIVE EFFECT OF SIC FOR MEMS SENSORS AT HIGH TEMPERATURES: A	PHAN, HP;DAO, DV;NAKAMURA, K;DIMITRIJEV, S;NGUYEN,	J MICROELECTROMECH ANICAL SYST 24 (6):	EGYPT-JAPAN UNIV SCI TECHNOL;KYOTO UNIV;GRIFFITH UNIV;	26

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138.	<u>TYPES, METHODS, TECHNIQUES, AND APPLICATIONS FOR MICROENCAPSULATED PHASE CHANGE MATERIALS (MPCM): A REVIEW</u>	GIRO-PALOMA, J; MARTINEZ, M; CABEZA, LF; FERNANDEZ, AI	RENEW SUSTAIN ENERGY REV 53: 1059-1075 JAN 2016	UNIV BARCELONA; UNIV LLEIDA;	26
139.	<u>LANDMARK RECOGNITION WITH SPARSE REPRESENTATION CLASSIFICATION AND EXTREME LEARNING MACHINE</u>	CAO, JW; ZHAO, YF; LAI, XP; ONG, MEH; YIN, C; KOH, ZX; LIU, N	J FRANKLIN INST-ENG APPL MATH 352 (10): 4528-4545 OCT 2015	HANGZHOU DIANZI UNIV; UNIV ELECT SCI & TECHNOL CHINA; SINGAPORE GEN HOSP; NATL UNIV SINGAPORE;	26
140.	<u>A SURVEY ON WIRELESS SECURITY: TECHNICAL CHALLENGES, RECENT ADVANCES, AND FUTURE TRENDS</u>	ZOU, YL; ZHU, J; WANG, XB; HANZO, L	PROC IEEE 104 (9): 1727-1765 SEP 2016	NANJING UNIV POSTS TELECOM; WESTERN UNIV (UNIV WESTERN ONTARIO); UNIV SOUTHAMPTON;	25
141.	<u>CONSUMPTION-BASED EMISSION ACCOUNTING FOR CHINESE CITIES</u>	MI, ZF; ZHANG, YK; GUAN, DB; SHAN, YL; LIU, Z; CONG, RG; YUAN, XC; WEI, YM	APPL ENERG 184: 1073-1081 DEC 15 2016	AARHUS UNIV; UNIV E ANGLIA; CALTECH; BEIJING INST TECHNOL;	25
142.	<u>DISTRIBUTED FINITE-TIME TRACKING OF MULTIPLE NON-IDENTICAL SECOND-ORDER NONLINEAR SYSTEMS WITH SETTLING TIME ESTIMATION</u>	ZHAO, Y; DUAN, ZS; WEN, GH; CHEN, GR	AUTOMATICA 64: 86-93 FEB 2016	CITY UNIV HONG KONG; SOUTHEAST UNIV; PEKING UNIV; NORTHWESTERN POLYTECH UNIV;	25
143.	<u>SELF-HEALING RESILIENT DISTRIBUTION SYSTEMS</u>	WANG, ZY; WANG, JH	IEEE TRANS POWER SYST 30 (6): 3139-3149	ARGONNE NATL LAB; US DEPT ENERGY; UNIV SYS GEORGIA; UNIV	25

	BASED ON SECTIONALIZATION INTO MICROGRIDS		NOV 2015	CHICAGO;GEORGIA INST TECHNOL;	
144.	MULTIMODAL DATA FUSION: AN OVERVIEW OF METHODS, CHALLENGES, AND PROSPECTS	LAHAT, D;ADALI, T;JUTTEN, C	PROC IEEE 103 (9): 1449-1477 SP. ISS. SI SEP 2015	CNRS;UNIV SYS MARYLAND;UNIV MARYLAND BALTIMORE COUNTY;UNIV GRENOBLE ALPS;UNIV BRETAGNE LOIRE COMUE;JOSEPH FOURIER UNIV;INST NATL POLYTECH GRENOBLE;	25
145.	STEAM GENERATION UNDER ONE SUN ENABLED BY A FLOATING STRUCTURE WITH THERMAL CONCENTRATION	NI, G;LI, G;BORISKINA, SV;LI, HX;YANG, WL;ZHANG, TJ;CHEN, G	NAT ENERGY 1: - AUG 22 2016	KHALIFA UNIV SCI TECHNOL;MIT;	25
146.	STABILITY AND STABILIZATION OF DISCRETE-TIME SEMI-MARKOV JUMP LINEAR SYSTEMS VIA SEMI-MARKOV KERNEL APPROACH	ZHANG, LX;LENG, YS;COLANERI, P	IEEE TRANS AUTOMAT CONTR 61 (2): 503-508 FEB 2016	HARBIN INST TECHNOL;POLYTECH UNIV MILAN;IEIIT-CNR;	24
147.	STUDY OF LUMP DYNAMICS BASED ON A DIMENSIONALLY REDUCED HIROTA BILINEAR EQUATION	LU, X;MA, WX	NONLINEAR DYNAMICS 85 (2): 1217-1222 JUL 2016	BEIJING JIAOTONG UNIV;UNIV SO FLORIDA;STATE UNIV SYS FLORIDA;NORTH WEST UNIV;	24
148.	INFLUENCE OF COULOMB FORCES ON FE3O4-H2O NANOFLUID THERMAL IMPROVEMENT	SHEIKHOESLAMI, M	INT J HYDROGEN ENERG 42 (2): 821-829 JAN 12 2017	BABOL NOSHIRVANI UNIV TECHOL;	24
149.	GRID-CURRENT-FEEDBACK ACTIVE DAMPING FOR LCL RESONANCE IN GRID-CONNECTED	WANG, XF;BLAABJERG, F;LOH, PC	IEEE TRANS POWER ELECT 31 (1): 213-223 JAN 2016	AALBORG UNIV;	23

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150.	DEVELOPMENT AND PROPERTY EVALUATION OF NUCLEAR GRADE WROUGHT FECRAL FUEL CLADDING FOR LIGHT WATER REACTORS	YAMAMOTO, Y;PINT, BA;TERRANI, KA;FIELD, KG;YANG, Y;SNEAD, LL	J NUCL MATER 467: 703-716 PART 2 DEC 2015	OAK RIDGE NATL LAB;US DEPT ENERGY;	23
151.	HYBRID DIGITAL AND ANALOG BEAMFORMING DESIGN FOR LARGE-SCALE ANTENNA ARRAYS	SOHRABI, F;YU, W	IEEE J SEL TOP SIGNAL PROCESS 10 (3): 501-513 APR 2016	UNIV TORONTO;	23
152.	MICRO-CABLE STRUCTURED TEXTILE FOR SIMULTANEOUSLY HARVESTING SOLAR AND MECHANICAL ENERGY	CHEN, J;HUANG, Y;ZHANG, NN;ZOU, HY;LIU, RY;TAO, CY;FAN, X;WANG, ZL	NAT ENERGY 1: - SEP 12 2016	BEIJING INST NANOENERGY NANOSYST CAS;UNIV SYS GEORGIA;NATL CTR NANOSCI TECHNOL CHINA;GEORGIA INST TECHNOL;CHONGQING UNIV;CHINESE ACAD SCI;	23
153.	EXPERIMENTAL STUDY ON THERMAL CONDUCTIVITY OF ETHYLENE GLYCOL CONTAINING HYBRID NANO-ADDITIVES AND DEVELOPMENT OF A NEW CORRELATION	AFRAND, M	APPL THERM ENG 110: 1111-1119 JAN 5 2017	ISLAMIC AZAD UNIV;	23
154.	EXTENDED STATE OBSERVER-BASED SLIDING-MODE CONTROL FOR THREE-PHASE POWER CONVERTERS	LIU, JX;VAZQUEZ, S;WU, LG;MARQUEZ, A;GAO, HJ;FRANQUELO, LG	IEEE TRANS IND ELECTRON 64 (1): 22-31 JAN 2017	HARBIN INST TECHNOL;UNIV SEVILLA;	23
155.	DESIGNING AN ARTIFICIAL	ESFE, MH;AHANGAR,	INT COMMUN HEAT	IMAM HOSSEIN UNIV;SEM NAN	23

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156.	NEGATIVE CAPACITANCE IN SHORT-CHANNEL FINFETS EXTERNALLY CONNECTED TO AN EPITAXIAL FERROELECTRIC CAPACITOR	KHAN, AI;CHATTERJEE, K;DUARTE, JP;LU, ZY;SACHID, A;KHANDELWAL, S;RAMESH, R;HU, CM;SALAHUDDIN, S	IEEE ELECTRON DEV LETT 37 (1): 111-114 JAN 2016	LAWRENCE BERKELEY NATL LAB;US DEPT ENERGY;UNIV CALIF SYSTEM;UNIV CALIF BERKELEY;	22
157.	NUMERICAL INVESTIGATION OF FLOW CHARACTERISTICS, HEAT TRANSFER AND ENTROPY GENERATION OF NANOFUID FLOW INSIDE AN ANNULAR PIPE PARTIALLY OR COMPLETELY FILLED WITH POROUS MEDIA USING TWO-PHASE MIXTURE MODEL	SIAVASHI, M;BAHRAMI, HRT;SAFFARI, H	ENERGY 93: 2451-2466 PART 2 DEC 15 2015	IRAN UNIV SCI & TECHNOL;	22
158.	VISUAL-TACTILE FUSION FOR OBJECT RECOGNITION	LIU, HP;YU, YL;SUN, FC;GU, J	IEEE TRANS AUTOM SCI ENG 14 (2): 996-1008 APR 2017	DALHOUSIE UNIV;TSING HUA UNIV;FUZHOU UNIV;	22
159.	RECENT DEVELOPMENTS ON FRACTAL-BASED APPROACHES TO NANOFUIDS AND NANOPARTICLE AGGREGATION	CAI, JC;HU, XY;XIAO, BQ;ZHOU, YF;WEI, W	INT J HEAT MASS TRANSFER 105: 623-637 FEB 2017	CHINA UNIV GEOSCI;UNIV ABERDEEN;SANMING UNIV;	22
160.	A COMPREHENSIVE REVIEW	SAJJADI, B;RAMAN,	RENEW SUSTAIN	UNIV MALAYA;UNIV NEW S WALES;	22

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161.	DUAL-HORIZON PERIDYNAMICS	REN, HL;ZHUANG, XY;CAI, YC;RABCZUK, T	INT J NUMER METHOD ENG 108 (12): 1451-1476 DEC 21 2016	BAUHAUS UNIV WEIMAR;UNIV HANNOVER;TONGJI UNIV;TON DUC THANG UNIV;	21
162.	ADAPTIVE FUZZY TRACKING CONTROL FOR A CLASS OF PURE-FEEDBACK STOCHASTIC NONLINEAR SYSTEMS WITH NON-LOWER TRIANGULAR STRUCTURE	WANG, HQ;LIU, XP;LIU, KF	FUZZY SET SYSTEM 302: 101-120 NOV 1 2016	BOHAI UNIV;LAKEHEAD UNIV;	21
163.	NEGATIVE CAPACITANCE FIELD EFFECT TRANSISTOR WITH HYSTERESIS-FREE SUB-60-MV/DECADE SWITCHING	JO, J;SHIN, C	IEEE ELECTRON DEV LETT 37 (3): 245-248 MAR 2016	UNIV SEOUL;	20
164.	ADSORPTION OF COPPER(II) FROM AQUEOUS SOLUTIONS ON ACTIVATED CARBON PREPARED FROM GRAPE BAGASSE	DEMIRAL, H;GUNGOR, C	J CLEAN PROD 124: 103-113 JUN 15 2016	ANADOLU UNIV;ESKISEHIR OSMANGAZI UNIV;	20
165.	ADAPTIVE ROBUST FINITE-TIME TRAJECTORY TRACKING CONTROL OF FULLY ACTUATED MARINE	WANG, N;QIAN, CJ;SUN, JC;LIU, YC	IEEE TRANS CONTROL SYST TECHN 24 (4): 1454-1462 JUL 2016	DALIAN MARITIME UNIV;UNIV TEXAS SYS;UNIV TEXAS SAN ANTONIO;	20

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166.	<u>THERMAL RADIATION OF FERROFLUID IN EXISTENCE OF LORENTZ FORCES CONSIDERING VARIABLE VISCOSITY</u>	SHEIKHOESLAMI, M;SHEHZAD, SA	INT J HEAT MASS TRANSFER 109: 82-92 JUN 2017	BABOL NOSHIRAVNI UNIV TECHNOL;COMSATS INST INFORMAT TECHNOL;	20
167.	<u>GUARANTEED PERFORMANCE CONTROL OF DFIG VARIABLE-SPEED WIND TURBINES</u>	MENG, WC;YANG, QM;SUN, YX	IEEE TRANS CONTROL SYST TECHN 24 (6): 2215-2223 NOV 2016	ZHEJIANG UNIV;	20
168.	<u>ENHANCED ELECTRON EXTRACTION USING SNO2 FOR HIGH-EFFICIENCY PLANAR-STRUCTURE HC(NH2)(2)PBI3-BASED PEROVSKITE SOLAR CELLS</u>	JIANG, Q;ZHANG, LQ;WANG, HL;YANG, XL;MENG, JH;LIU, H;YIN, ZG;WU, JL;ZHANG, XW;YOU, JB	NAT ENERGY 2 (1): 1-7 JAN 2017	CHINESE ACAD SCI;INST SEMICONDUCTORS CAS;	20
169.	<u>AN EXPERIMENTAL STUDY ON VISCOSITY OF ALUMINA-ENGINE OIL: EFFECTS OF TEMPERATURE AND NANOPARTICLES CONCENTRATION</u>	ESFE, MH;AFRAND, M;GHAREHKHANI, S;ROSTAMIAN, H;TOGHRAIE, D;DAHARI, M	INT COMMUN HEAT MASS TRANS 76: 202-208 AUG 2016	ISLAMIC AZAD UNIV;UNIV MALAYA;	20
170.	<u>RECENT DEVELOPMENT IN MODELING AND ANALYSIS OF FUNCTIONALLY GRADED MATERIALS AND STRUCTURES</u>	GUPTA, A;TALHA, M	PROG AEROSP SCI 79: 1-14 NOV 2015	IIT;INDIAN INST TECH MANDI;	19
171.	<u>ENHANCED PHOTOCATALYTIC DEGRADATION OF NORFLOXACIN IN AQUEOUS</u>	TANG, L;WANG, JJ;ZENG, GM;LIU, YN;DENG, YC;ZHOU, YY;TANG,	J HAZARD MATER 306: 295-304 APR 5 2016	HUNAN UNIV;	19

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172.	<u>SILICON HETEROJUNCTION SOLAR CELL WITH INTERDIGITATED BACK CONTACTS FOR A PHOTOCONVERSION EFFICIENCY OVER 26%</u>	YOSHIKAWA, K;KAWASAKI, H;YOSHIDA, W;IRIE, T;KONISHI, K;NAKANO, K;UTO, T;ADACHI, D;KANEMATSU, M;UZU, H;YAMAMOTO, K	NAT ENERGY 2 (5): - MAY 2017	KANEKA CORP;	19
173.	<u>SPINTRONIC NANODEVICES FOR BIOINSPIRED COMPUTING</u>	GROLLIER, J;QUERLIOZ, D;STILES, MD	PROC IEEE 104 (10): 2024-2039 SP. ISS. SI OCT 2016	CNRS;UNIV PARIS SUD - PARIS XI;UNIV PARIS SACLAY COMUE;UNIV BRETAGNE LOIRE COMUE;NATL INST STAND TECHNOL USA;	19
174.	<u>23.6%-EFFICIENT MONOLITHIC PEROVSKITE/SILICON TANDEM SOLAR CELLS WITH IMPROVED STABILITY</u>	BUSH, KA;PALMSTROM, AF;YU, ZSJ;BOCCARD, M;CHEACHAROEN, R;MAILOA, JP;MCMEEKIN, DP;HOYE, RLZ;BAILIE, CD;LEIJTENS, T;PETERS, IM;MINICHETTI, MC;ROLSTON, N;PRASANNA, R;SOFIA, S;HARWOOD, D;MA, W;MOGHADAM, F;SNAITH, HJ;BUONASSISI, T;HOLMAN, ZC;BENT, SF;MCGEHEE, MD	NAT ENERGY 2 (4): - APR 2017	ARIZONA STATE UNIV;UNIV OXFORD;SUNPREME;STANFORD UNIV;MIT;D2 SOLAR LLC;	19

175.	PARTICLE MIGRATION IN NANOFLUIDS: A CRITICAL REVIEW	BAHIRAEI, M	INT J THERM SCI 109: 90-113 NOV 2016	KERMANSHAH UNIV TECHNOL;	19
176.	PARAMETER IDENTIFICATION AND SENSITIVITY ANALYSIS OF SOLAR CELL MODELS WITH CAT SWARM OPTIMIZATION ALGORITHM	GUO, L; MENG, Z; SUN, YZ; WANG, LB	ENERG CONV MANAGE 108: 520-528 JAN 15 2016	DONGHUA UNIV; FUJIAN AGR & FORESTRY UNIV;	18
177.	POSITIVELY CHARGED NANOFILTRATION MEMBRANES VIA ECONOMICALLY MUSSEL-SUBSTANCE-SIMULATED CO-DEPOSITION FOR TEXTILE WASTEWATER TREATMENT	XU, YC; WANG, ZX; CHENG, XQ; XIAO, YC; SHAO, L	CHEM ENG J 303: 555-564 NOV 1 2016	HARBIN INST TECHNOL; UNIV CALIF SYSTEM; UNIV CALIF RIVERSIDE; SUZHOU FAITH & HOPE MEMBRANE TECHNOL CO LTD;	18
178.	NUMERICAL SIMULATION OF NANOFLUID FORCED CONVECTION HEAT TRANSFER IMPROVEMENT IN EXISTENCE OF MAGNETIC FIELD USING LATTICE BOLTZMANN METHOD	SHEIKHOLESAMI, M; HAYAT, T; ALSAEDI, A	INT J HEAT MASS TRANSFER 108: 1870-1883 PART B MAY 2017	BABOL NOSHIRVANI UNIV TECHNOL; QUAID I AZAM UNIV; KING ABDULAZIZ UNIV;	18
179.	FUZZY ADAPTIVE INVERSE COMPENSATION METHOD TO TRACKING CONTROL OF UNCERTAIN NONLINEAR SYSTEMS WITH GENERALIZED ACTUATOR DEAD ZONE	LAI, GY; LIU, Z; ZHANG, Y; CHEN, CLP; XIE, SL; LIU, YJ	IEEE TRANS FUZZY SYST 25 (1): 191-204 FEB 2017	GUANGDONG UNIV TECHNOL; UNIV MACAU; LIAONING UNIV TECH;	18

180.	GREENER PLUG-IN HYBRID ELECTRIC VEHICLES INCORPORATING RENEWABLE ENERGY AND RAPID SYSTEM OPTIMIZATION	HU, XS;ZOU, Y;YANG, YL	ENERGY 111: 971-980 SEP 15 2016	BEIJING INST TECHNOL;CHONGQING UNIV;	18
181.	A SECOND-ORDER MULTI-AGENT NETWORK FOR BOUND-CONSTRAINED DISTRIBUTED OPTIMIZATION	LIU, QS;WANG, J	IEEE TRANS AUTOMAT CONTR 60 (12): 3310-3315 DEC 2015	CHINESE UNIV HONG KONG;HUAZHONG UNIV SCI & TECHNOL;DALIAN UNIV TECHNOL;	17
182.	ACTIVE METHOD FOR NANOFLUID HEAT TRANSFER ENHANCEMENT BY MEANS OF EHD	SHEIKHOESLAMI, M;BHATTI, MM	INT J HEAT MASS TRANSFER 109: 115-122 JUN 2017	BABOL NOSHIRVANI UNIV TECHOL;SHANGHAI UNIV;	17
183.	ROLE OF NANOMATERIALS IN WATER TREATMENT APPLICATIONS: A REVIEW	SANTHOSH, C;VELMURUGAN, V;JACOB, G;JEONG, SK;GRACE, AN;BHATNAGAR, A	CHEM ENG J 306: 1116-1137 DEC 15 2016	KOREA INST ENERGY RES;VELLORE INST TECHNOL;UNIV EAST FINLAND;KOREA UNIV SCI TECHNOL - UST;	17
184.	EXPERIMENTAL STUDY OF THE EFFECT OF SOLID VOLUME FRACTION AND REYNOLDS NUMBER ON HEAT TRANSFER COEFFICIENT AND PRESSURE DROP OF CUO-WATER NANOFLUID	ZARRINGHALAM, M;KARIMIPOUR, A;TOGHRAIE, D	EXP THERM FLUID SCI 76: 342-351 SEP 2016	ISLAMIC AZAD UNIV;	17
185.	RESEARCH ON RESILIENCE OF POWER SYSTEMS UNDER NATURAL DISASTERS-A REVIEW	WANG, YZ;CHEN, C;WANG, JH;BALDICK, R	IEEE TRANS POWER SYST 31 (2): 1604-1613 MAR 2016	ARGONNE NATL LAB;US DEPT ENERGY;UNIV TEXAS SYS;UNIV TEXAS AUSTIN;UNIV CHICAGO;	16

186.	DATA-BASED ADAPTIVE CRITIC DESIGNS FOR NONLINEAR ROBUST OPTIMAL CONTROL WITH UNCERTAIN DYNAMICS	WANG, D;LIU, DR;ZHANG, QC;ZHAO, DB	IEEE TRANS SYST MAN CYBERN-SY 46 (11): 1544-1555 NOV 2016	CHINESE ACAD SCI;UNIV SCI & TECHNOL BEIJING;	16
187.	A HYBRID COMPUTATIONAL APPROACH FOR KLEIN-GORDON EQUATIONS ON CANTOR SETS	KUMAR, D;SINGH, J;BALEANU, D	NONLINEAR DYNAMICS 87 (1): 511-517 JAN 2017	CANKAYA UNIV;MAGURELE;JECRC UNIV;	16
188.	APPLICATION OF PEROXYMONOSULFATE AND ITS ACTIVATION METHODS FOR DEGRADATION OF ENVIRONMENTAL ORGANIC POLLUTANTS: REVIEW	GHANBARI, F;MORADI, M	CHEM ENG J 310: 41-62 PART 1 FEB 15 2017	AHVAZ JUNDISHAPUR UNIV MED SCI;SHAHID BEHESHTI UNIV MED SCI;	16
189.	ON THE CRYPTANALYSIS OF FRIDRICHS CHAOTIC IMAGE ENCRYPTION SCHEME	XIE, EY;LI, CQ;YU, SM;LU, JH	SIGNAL PROCESS 132: 150-154 MAR 2017	ACAD MATH SYST SCI CAS;XIANGTAN UNIV;GUANGDONG UNIV TECHNOL;CHINESE ACAD SCI;	16
190.	NETWORKED MICROGRIDS FOR SELF-HEALING POWER SYSTEMS	WANG, ZY;CHEN, BK;WANG, JH;CHEN, C	IEEE TRANS SMART GRID 7 (1): 310-319 JAN 2016	ARGONNE NATL LAB;US DEPT ENERGY;UNIV SYS GEORGIA;UNIV CHICAGO;IOWA STATE UNIV;GEORGIA INST TECHNOL;	15
191.	MODEL IDENTIFICATION AND CONTROL DESIGN FOR A HUMANOID ROBOT	HE, W;GE, WL;LI, YC;LIU, YJ;YANG, CG;SUN, CY	IEEE TRANS SYST MAN CYBERN-SY 47 (1): 45-57 JAN 2017	LIAONING UNIV TECH;UNIV SCI & TECHNOL BEIJING;UNIV ELECT SCI & TECHNOL CHINA;SWANSEA UNIV;SOUTHEAST UNIV;	15
192.	A FACILE ROUTE OF MAKING SILICA NANOPARTICLES-COVERED	RAMEZANZADEH, B;HAERI, Z;RAMEZANZADEH, M	CHEM ENG J 303: 511-528 NOV 1 2016	INST COLOR SCI & TECHNOL;ISLAMIC AZAD UNIV;	15

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193.	<u>DIRECT ADAPTIVE FUZZY TRACKING CONTROL OF MARINE VEHICLES WITH FULLY UNKNOWN PARAMETRIC DYNAMICS AND UNCERTAINTIES</u>	WANG, N;ER, MJ	IEEE TRANS CONTROL SYST TECHN 24 (5): 1845-1852 SEP 2016	DALIAN MARITIME UNIV;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;	15
194.	<u>HIERARCHICAL COORDINATION OF A COMMUNITY MICROGRID WITH AC AND DC MICROGRIDS</u>	CHE, L;SHAHIDEHPOUR, M;ALABDULWAHAB, A;AL-TURKI, Y	IEEE TRANS SMART GRID 6 (6): 3042-3051 NOV 2015	ILLINOIS INST TECHNOL;KING ABDULAZIZ UNIV;	14
195.	<u>SUBSPACE REGULARIZED SPARSE MULTITASK LEARNING FOR MULTICLASS NEURODEGENERATIVE DISEASE IDENTIFICATION</u>	ZHU, XF;SUK, HI;LEE, SW;SHEN, D	IEEE TRANS BIOMED ENG 63 (3): 607-618 MAR 2016	KOREA UNIV;UNIVERSITY OF NORTH CAROLINA;UNIV N CAROLINA CHAPEL HILL;	14
196.	<u>LOGISTIC REGRESSION-HSMM-BASED HEART SOUND SEGMENTATION</u>	SPRINGER, DB;TARASSENKO, L;CLIFFORD, GD	IEEE TRANS BIOMED ENG 63 (4): 822-832 APR 2016	EMORY UNIV;UNIV SYS GEORGIA;UNIV OXFORD;GEORGIA INST TECHNOL;	14
197.	<u>ADAPTIVE SLIDING-MODE CONTROL OF MARKOV JUMP NONLINEAR SYSTEMS WITH ACTUATOR FAULTS</u>	LI, HY;SHI, P;YAO, DY	IEEE TRANS AUTOMAT CONTR 62 (4): 1933-1939 APR 2017	BOHAI UNIV;VICTORIA UNIV;UNIV ADELAIDE;HARBIN ENGN UNIV;GUANGDONG UNIV TECHNOL;	14

198.	<u>EFFECT OF SUSPENDING HYBRID NANO-ADDITIVES ON RHEOLOGICAL BEHAVIOR OF ENGINE OIL AND PUMPING POWER</u>	DARDAN, E;AFRAND, M;ISFAHANI, AHM	APPL THERM ENG 109: 524-534 PART A OCT 25 2016	ISLAMIC AZAD UNIV;	14
199.	<u>BILINEAR BACKLUND TRANSFORMATION, SOLITON AND PERIODIC WAVE SOLUTIONS FOR A -DIMENSIONAL VARIABLE-COEFFICIENT GENERALIZED SHALLOW WATER WAVE EQUATION</u>	HUANG, QM;GAO, YT;JIA, SL;WANG, YL;DENG, GF	NONLINEAR DYNAMICS 87 (4): 2529-2540 MAR 2017	BEIHANG UNIV;	14
200.	<u>RECURSIVE LEAST SQUARES AND MULTI-INNOVATION STOCHASTIC GRADIENT PARAMETER ESTIMATION METHODS FOR SIGNAL MODELING</u>	XU, L;DING, F	CIRC SYST SIGNAL PROCESS 36 (4): 1735-1753 APR 2017	JIANGNAN UNIV;WUXI VOCAT INST COMMERCE;	14
201.	<u>ADAPTIVE LOAD SHEDDING SCHEME FOR FREQUENCY STABILITY ENHANCEMENT IN MICROGRIDS</u>	MARZBAND, M;MOGHADDAM, MM;AKOREDE, MF;KHOMEYRANI, G	ELEC POWER SYST RES 140: 78-86 NOV 2016	ISLAMIC AZAD UNIV;UNIV MANCHESTER;UNIV ILORIN;	14
202.	<u>DETECTION OF CO-SALIENT OBJECTS BY LOOKING DEEP AND WIDE</u>	ZHANG, DW;HAN, JW;LI, C;WANG, JD;LI, XL	INT J COMPUT VISION 120 (2): 215-232 NOV 2016	CHINESE ACAD SCI;XIAN INST OPTIC PRECISION MECH CAS;NORTHWESTERN POLYTECH UNIV;MICROSOFT RES ASIA;MICROSOFT;	13
203.	<u>FABRICATION OF MAGNETICALLY RESPONSIVE</u>	TAN, P;XIE, XY;LIU, XQ;PAN, T;GU, C;CHEN,	J HAZARD MATER 321: 344-352 JAN 5 2017	NANJING UNIV TECHNOL;	13

	HKUST-1/FE3O4 COMPOSITES BY DRY GEL CONVERSION FOR DEEP DESULFURIZATION AND DENITROGENATION	PF;ZHOU, JY;PAN, YC;SUN, LB			
204.	INFLUENCE OF INDUCED MAGNETIC FIELD ON FREE CONVECTION OF NANOFUID CONSIDERING KOO-KLEINSTREUER-LI (KKL) CORRELATION	SHEIKHOESLAMI, M;ZIA, QMZ;ELLAHI, R	APPL SCI-BASEL 6 (11): - NOV 2016	BABOL NOSHIRVANI UNIV TECHOL;TAIBAH UNIV;IIUI;COMSATS INST INFORMAT TECHNOL;	13
205.	APPLICATIONS OF METAL-ORGANIC FRAMEWORKS IN ADSORPTION/SEPARATION PROCESSES VIA HYDROGEN BONDING INTERACTIONS	AHMED, I;JHUNG, SH	CHEM ENG J 310: 197-215 PART 1 FEB 15 2017	KYUNGPOOK NATL UNIV;	13
206.	ROBOTIC ROOM-LEVEL LOCALIZATION USING MULTIPLE SETS OF SONAR MEASUREMENTS	LIU, HP;SUN, FC;FANG, B;ZHANG, XY	IEEE TRANS INSTRUM MEAS 66 (1): 2-13 JAN 2017	TSING HUA UNIV;	13
207.	SLIDING MODE CONTROL FOR NON-LINEAR SYSTEMS BY TAKAGI-SUGENO FUZZY MODEL AND DELTA OPERATOR APPROACHES	WANG, JH;GAO, YB;QIU, JB;AHN, CK	IET CONTR THEORY APPL 11 (8): 1205-1213 SP. ISS. SI MAY 12 2017	BOHAI UNIV;KOREA UNIV;HARBIN INST TECHNOL;	13
208.	CONSTITUTIVE BOUNDARY CONDITIONS AND PARADOXES IN NONLOCAL ELASTIC NANOBEAMS	ROMANO, G;BARRETTA, R;DIACO, M;DE SCIARRA, FM	INT J MECH SCI 121: 151-156 FEB 2017	UNIV NAPLES FEDERICO II;	13

209.	ACCELERATED DEGRADATION OF METHYLAMMONIUM LEAD IODIDE PEROVSKITES INDUCED BY EXPOSURE TO IODINE VAPOUR	WANG, SH;JIANG, Y;JUAREZ-PEREZ, EJ;ONO, LK;QI, YB	NAT ENERGY 2 (1): - JAN 2017	OKINAWA INST SCI TECHNOL GRAD UNIV;UNIV TSUKUBA;	13
210.	NUMERICAL ANALYSIS OF EHD NANOFLUID FORCE CONVECTIVE HEAT TRANSFER CONSIDERING ELECTRIC FIELD DEPENDENT VISCOSITY	SHEIKHOESLAMI, M;HAYAT, T;ALSAEDI, A;ABELMAN, S	INT J HEAT MASS TRANSFER 108: 2558-2565 PART B MAY 2017	BABOL NOSHIRVANI UNIV TECHOL;UNIV WITWATERSRAND;QUAID I AZAM UNIV;KING ABDULAZIZ UNIV;	13
211.	FE3O4-H2O NANOFLUID NATURAL CONVECTION IN PRESENCE OF THERMAL RADIATION	SHEIKHOESLAMI, M;SHAMLOOEI, M	INT J HYDROGEN ENERG 42 (9): 5708-5718 MAR 2 2017	BABOL NOSHIRVANI UNIV TECHOL;	13
212.	ELASTOPLASTIC CONSTITUTIVE MODEL FOR ROCKFILL MATERIALS CONSIDERING PARTICLE BREAKAGE	XIAO, Y;LIU, HL	INT J GEOMECH 17 (1): - JAN 2017	CHONGQING UNIV;	13
213.	RESILIENT DISTRIBUTION SYSTEM BY MICROGRIDS FORMATION AFTER NATURAL DISASTERS	CHEN, C;WANG, JH;QIU, F;ZHAO, DB	IEEE TRANS SMART GRID 7 (2): 958-966 SP. ISS. SI MAR 2016	ARGONNE NATL LAB;US DEPT ENERGY;UNIV CHICAGO;EATON CORP;	12
214.	ANALYSIS OF THE INTEGRATED SEPIC-FLYBACK CONVERTER AS A SINGLE-STAGE SINGLE-SWITCH POWER-FACTOR-CORRECTION LED DRIVER	POORALI, B;ADIB, E	IEEE TRANS IND ELECTRON 63 (6): 3562-3570 JUN 2016	ISFAHAN UNIV TECHNOL;	12

215.	<u>OBSERVER-BASED ADAPTIVE FUZZY TRACKING CONTROL OF NONLINEAR SYSTEMS WITH TIME DELAY AND INPUT SATURATION</u>	ZHOU, Q;WU, CW;SHI, P	FUZZY SET SYSTEM 316: 49-68 JUN 1 2017	BOHAI UNIV;VICTORIA UNIV;HARBIN INST TECHNOL;HARBIN ENGN UNIV;	12
216.	<u>ENERGY STORAGE IN THE ENERGY TRANSITION CONTEXT: A TECHNOLOGY REVIEW</u>	GALLO, AB;SIMOES-MOREIRA, JR;COSTA, HKM;SANTOS, MM;DOS SANTOS, EM	RENEW SUSTAIN ENERGY REV 65: 800-822 NOV 2016	UNIV SAO PAULO;	12
217.	<u>SUPER LONG-LIFE ALL SOLID-STATE ASYMMETRIC SUPERCAPACITOR BASED ON NIO NANOSHEETS AND ALPHA-FE2O3 NANORODS</u>	ZHANG, SW;YIN, BS;WANG, ZB;PETER, F	CHEM ENG J 306: 193-203 DEC 15 2016	HARBIN INST TECHNOL;UNIV PUERTO RICO SYS;UNIV PUERTO RICO RIO PIEDRAS;UNIV PUERTO RICO MED SCI CAMPUS;	12
218.	<u>OPTIMAL SIZING OF A GRID INDEPENDENT HYBRID RENEWABLE ENERGY SYSTEM INCORPORATING RESOURCE UNCERTAINTY, AND LOAD UNCERTAINTY</u>	MALEKI, A;KHAJEH, MG;AMERI, M	INT J ELEC POWER ENERG SYST 83: 514-524 DEC 2016	NA-GRAD UNIV ADV TECHNOL;UNIV TEHRAN;SHAHID BAHONAR UNIV;	12
219.	<u>A NEW FUZZY APPROXIMATION METHOD TO CAUCHY PROBLEMS BY FUZZY TRANSFORM</u>	KHASTAN, A;PERFILIEVA, I;ALIJANI, Z	FUZZY SET SYSTEM 288: 75-95 SP. ISS. SI APR 1 2016	IASBS;UNIV OSTRAVA;	11
220.	<u>MEMBRANE BIOREACTORS FOR WASTEWATER TREATMENT: A REVIEW OF MECHANICAL CLEANING BY SCOURING AGENTS TO</u>	ASLAM, M;CHARFI, A;LESAGE, G;HERAN, M;KIM, J	CHEM ENG J 307: 897-913 JAN 1 2017	CNRS;UNIV MONTPELLIER;UNIV BRETAGNE LOIRE COMUE;PRES SUD DE FRANCE;INHA UNIV;	11

	<u>CONTROL MEMBRANE FOULING</u>				
221.	<u>COMMAND-FILTERED-BASED FUZZY ADAPTIVE CONTROL DESIGN FOR MIMO-SWITCHED NONSTRICT-FEEDBACK NONLINEAR SYSTEMS</u>	LI, YM;TONG, SC	IEEE TRANS FUZZY SYST 25 (3): 668-681 JUN 2017	LIAONING UNIV TECH;	11
222.	<u>ANALYSIS AND SYNTHESIS OF NETWORKED CONTROL SYSTEMS: A SURVEY OF RECENT ADVANCES AND CHALLENGES</u>	ZHANG, D;SHI, P;WANG, QG;YU, L	ISA TRANS 66: 376-392 JAN 2017	UNIV ADELAIDE;ZHEJIANG UNIV TECHNOL;VICTORIA UNIV;UNIV JOHANNESBURG;	11
223.	<u>CHARGING, POWER MANAGEMENT, AND BATTERY DEGRADATION MITIGATION IN PLUG-IN HYBRID ELECTRIC VEHICLES: A UNIFIED COST-OPTIMAL APPROACH</u>	HU, XS;MARTINEZ, CM;YANG, YL	MECH SYST SIGNAL PROCESS 87: 4-16 PART B SP. ISS. SI MAR 15 2017	CHONGQING UNIV;UNIV CALIF SYSTEM;UNIV CALIF BERKELEY;CRANFIELD UNIV;	11
224.	<u>MAGNETITE GRAPHENE OXIDE ENCAPSULATED IN ALGINATE BEADS FOR ENHANCED ADSORPTION OF CR(VI) AND AS(V) FROM AQUEOUS SOLUTIONS: ROLE OF CROSSLINKING METAL CATIONS IN PH CONTROL</u>	VU, HC;DWIVEDI, AD;LE, TT;SEO, SH;KIM, EJ;CHANG, YS	CHEM ENG J 307: 220-229 JAN 1 2017	POSCO;POSTECH;	10
225.	<u>ACTIVATED LIGNIN-CHITOSAN EXTRUDED BLENDS FOR EFFICIENT ADSORPTION OF</u>	ALBADARIN, AB;COLLINS, MN;NAUSHAD, M;SHIRAZIAN, S;WALKER,	CHEM ENG J 307: 264-272 JAN 1 2017	KING SAUD UNIV;UNIV LIMERICK;QUEENS UNIV BELFAST;	10

	<u>METHYLENE BLUE</u>	G;MANGWANDI, C			
226.	<u>DEFINING THE INFLUENCE REGION IN NEIGHBORHOOD-SCALE CFD SIMULATIONS FOR NATURAL VENTILATION DESIGN</u>	TONG, ZM;CHEN, YJ;MALKAWI, A	APPL ENERG 182: 625-633 NOV 15 2016	HARVARD UNIV;	10
227.	<u>ADAPTIVE OUTPUT-FEEDBACK CONTROLLER DESIGN FOR SWITCHED NONLINEAR STOCHASTIC SYSTEMS WITH A MODIFIED AVERAGE DWELL-TIME METHOD</u>	NIU, B;KARIMI, HR;WANG, HQ;LIU, YL	IEEE TRANS SYST MAN CYBERN-SY 47 (7): 1371-1382 JUL 2017	BOHAI UNIV;POLYTECH UNIV MILAN;NORTHEASTERN UNIV-CHINA;DALIAN UNIV TECHNOL;CARLETON UNIV;	10
228.	<u>FINITE-TIME H-INFINITY FUZZY CONTROL OF NONLINEAR MARKOVIAN JUMP DELAYED SYSTEMS WITH PARTLY UNCERTAIN TRANSITION DESCRIPTIONS</u>	CHENG, J;PARK, JH;LIU, YJ;LIU, ZJ;TANG, LM	FUZZY SET SYSTEM 314: 99-115 MAY 1 2017	HUBEI UNIV NATIONALITIES;YEUNGNAM UNIV;	10
229.	<u>ON DESIGN OPTIMIZATION FOR STRUCTURAL CRASHWORTHINESS AND ITS STATE OF THE ART</u>	FANG, JG;SUN, GY;QIU, N;KIM, NH;LI, Q	STRUCT MULTIDISCIP OPTIM 55 (3): 1091-1119 MAR 2017	STATE UNIV SYS FLORIDA;UNIV SYDNEY;UNIV FLORIDA;	10
230.	<u>AN IMPROVED DISTANCE-BASED TOTAL UNCERTAINTY MEASURE IN BELIEF FUNCTION THEORY</u>	DENG, XY;XIAO, F;DENG, Y	APPL INTELL 46 (4): 898-915 JUN 2017	NORTHWESTERN UNIV;SOUTHWEST UNIV; POLYTECH	10
231.	<u>ENVIRONMENTAL IMPLICATIONS AND APPLICATIONS OF</u>	SU, CM	J HAZARD MATER 322: 48-84 PART A SP. ISS. SI JAN 15 2017	US ENVIRONM PROTECT AGCY;	10

	<u>ENGINEERED NANOSCALE MAGNETITE AND ITS HYBRID NANOCOMPOSITES: A REVIEW OF RECENT LITERATURE</u>				
232.	<u>ADSORPTION KINETICS, ISOTHERMS, AND THERMODYNAMIC STUDIES FOR HG2+ ADSORPTION FROM AQUEOUS MEDIUM USING ALIZARIN RED-S-LOADED AMBERLITE IRA-400 RESIN</u>	NAUSHAD, M;VASUDEVAN, S;SHARMA, G;KUMAR, A;ALOTHMAN, ZA	DESALIN WATER TREAT 57 (39): 18551-18559 2016	CSIR INDIA;SHOOLINI UNIV;KING SAUD UNIV;	9
233.	<u>USING BIAS-CORRECTED REANALYSIS TO SIMULATE CURRENT AND FUTURE WIND POWER OUTPUT</u>	STAFFELL, I;PFENNINGER, S	ENERGY 114: 1224-1239 NOV 1 2016	ETH ZURICH;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;IMPERIAL COLL LONDON;	9
234.	<u>ASTROCYTE CALCIUM WAVE INDUCES SEIZURE-LIKE BEHAVIOR IN NEURON NETWORK</u>	TANG, J;ZHANG, J;MA, J;ZHANG, GY;YANG, XQ	SCI CHINA-TECHNOL SCI 60 (7): 1011-1018 JUL 2017	CHINA UNIV MIN & TECHNOL;LANZHOU UNIV TECHNOL;KING ABDULAZIZ UNIV;	9
235.	<u>INFLUENCE OF MAGNETIC FIELD ON CUO-H2O NANOFLUID FLOW CONSIDERING MARANGONI BOUNDARY LAYER</u>	SHEIKHOESLAMI, M;GANJI, DD	INT J HYDROGEN ENERG 42 (5): 2748-2755 FEB 2 2017	BABOL NOSHIRVANI UNIV TECHOL;	9
236.	<u>A MODIFIED COMBINATION RULE IN GENERALIZED EVIDENCE THEORY</u>	JIANG, W;ZHAN, J	APPL INTELL 46 (3): 630-640 APR 2017	NORTHWESTERN POLYTECH UNIV;	9
237.	<u>A UNIFIED CRITERION FOR FATIGUE-CREEP LIFE</u>	ZHU, SP;YANG, YJ;HUANG, HZ;LV,	PROC INST MECH ENG G-J A E 231 (4): 677-688	UNIV ELECT SCI & TECHNOL CHINA;	9

	<u>PREDICTION OF HIGH TEMPERATURE COMPONENTS</u>	ZQ;WANG, HK	APR 2017		
238.	<u>TIME-VARYING FORMATION CONTROL FOR GENERAL LINEAR MULTI-AGENT SYSTEMS WITH SWITCHING DIRECTED TOPOLOGIES</u>	DONG, XW;HU, GQ	AUTOMATICA 73: 47-55 NOV 2016	BEIHANG UNIV;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;	8
239.	<u>CONTROL PLANE OPTIMIZATION IN SOFTWARE-DEFINED VEHICULAR AD HOC NETWORKS</u>	LI, H;DONG, MX;OTA, K	IEEE TRANS VEH TECHNOL 65 (10): 7895-7904 OCT 2016	MURORAN INST TECHNOL;	8
240.	<u>LONG-TERM PATTERNS OF EUROPEAN PV OUTPUT USING 30 YEARS OF VALIDATED HOURLY REANALYSIS AND SATELLITE DATA</u>	PFENNINGER, S;STAFFELL, I	ENERGY 114: 1251-1265 NOV 1 2016	ETH ZURICH;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;IMPERIAL COLL LONDON;	8
241.	<u>POST-BUCKLING ANALYSIS OF FUNCTIONALLY GRADED NANOBEMS INCORPORATING NONLOCAL STRESS AND MICROSTRUCTURE-DEPENDENT STRAIN GRADIENT EFFECTS</u>	LI, L;HU, YJ	INT J MECH SCI 120: 159-170 JAN 2017	HUAZHONG UNIV SCI & TECHNOL;	8
242.	<u>PROGRESS IN THE BIOLOGICAL AND CHEMICAL TREATMENT TECHNOLOGIES FOR EMERGING CONTAMINANT REMOVAL FROM WASTEWATER: A CRITICAL</u>	AHMED, MB;ZHOU, JL;NGO, HH;GUO, WS;THOMAIDIS, NS;XU, J	J HAZARD MATER 323: 274-298 PART A SP. ISS. SI FEB 5 2017	E CHINA NORMAL UNIV;UNIV TECHNOL SYDNEY;UNIV ATHENS;	8

	<u>REVIEW</u>				
243.	<u>LASER-INDUCED PERIODIC SURFACE STRUCTURES-A SCIENTIFIC EVERGREEN</u>	BONSE, J;HOHM, S;KIRNER, SV;ROSENFELD, A;KRUGER, J	IEEE J SEL TOP QUANTUM ELECTR 23 (3): - MAY-JUN 2017	BUNDESANSTALT MAT FORSCH & PRUFUNG;MAX BORN INST NONLINEAR OPTIC SPECTROSCOPY;	8
244.	<u>COMBINED ELECTRICAL MHD HEAT TRANSFER THERMAL EXTRUSION SYSTEM USING MAXWELL FLUID WITH RADIATIVE AND VISCOUS DISSIPATION EFFECTS</u>	HSIAO, KL	APPL THERM ENG 112: 1281-1288 FEB 5 2017	TAIWAN SHOUFU UNIV;	8
245.	<u>OPTICAL BIOSENSORS BASED ON PLASMONIC NANOSTRUCTURES: A REVIEW</u>	SPACKOVA, B;WROBEL, P;BOCKOVA, M;HOMOLA, J	PROC IEEE 104 (12): 2380-2408 SP. ISS. SI DEC 2016	CZECH ACAD SCI;	8
246.	<u>FLUID FLOW AND HEAT TRANSFER OF NON-NEWTONIAN NANOFLUID IN A MICROTUBE CONSIDERING SLIP VELOCITY AND TEMPERATURE JUMP BOUNDARY CONDITIONS</u>	SAJADIFAR, SA;KARIMPOUR, A;TOGHRAIE, D	EUR J MECH B-FLUID 61: 25-32 PART 1 JAN-FEB 2017	ISLAMIC AZAD UNIV;	7
247.	<u>AN INPUT-BASED TRIGGERING APPROACH TO LEADER-FOLLOWING PROBLEMS</u>	WU, YQ;MENG, XY;XIE, LH;LU, RQ;SU, HY;WU, ZG	AUTOMATICA 75: 221-228 JAN 2017	GUANGDONG KEY LAB IOT INFORMAT PROC;ZHEJIANG UNIV;NANYANG TECHNOL UNIV + NIE;NANYANG TECHNOL UNIV;GUANGDONG UNIV TECHNOL;	7
248.	<u>A NEW THERMAL CONDUCTIVITY MODEL FOR NANOROD-BASED</u>	YANG, L;XU, XY;JIANG, WX;DU, K	APPL THERM ENG 114: 287-299 MAR 5 2017	SOUTHEAST UNIV;	7

	<u>NANOFLUIDS</u>				
249.	<u>LATENT SEMANTIC MINIMAL HASHING FOR IMAGE RETRIEVAL</u>	LU, XQ;ZHENG, XT;LI, XL	IEEE TRANS IMAGE PROCESSING 26 (1): 355-368 JAN 2017	CHINESE ACAD SCI;XIAN INST OPTIC PRECISION MECH CAS;STATE KEY LAB TRANSIENT OPT;	7
250.	<u>AN EFFICIENT ANALYTICAL TECHNIQUE FOR FRACTIONAL MODEL OF VIBRATION EQUATION</u>	SRIVASTAVA, HM;KUMAR, D;SINGH, J	APPL MATH MODEL 45: 192-204 MAY 2017	CHINA MED UNIV HOSP - TAIWAN;UNIV VICTORIA;JECRC UNIV;CHINA MED UNIV TAIWAN;	7
251.	<u>DISTRIBUTED OPTIMIZATION BASED ON A MULTIAGENT SYSTEM IN THE PRESENCE OF COMMUNICATION DELAYS</u>	YANG, SF;LIU, QS;WANG, J	IEEE TRANS SYST MAN CYBERN-SY 47 (5): 717-728 MAY 2017	CHINESE UNIV HONG KONG;HUAZHONG UNIV SCI & TECHNOL;CITY UNIV HONG KONG;	7
252.	<u>FASTER R-CNN: TOWARDS REAL-TIME OBJECT DETECTION WITH REGION PROPOSAL NETWORKS</u>	REN, SQ;HE, KM;GIRSHICK, R;SUN, J	IEEE TRANS PATT ANAL MACH INT 39 (6): 1137-1149 JUN 2017	FACEBOOK AI RES;UNIV SCI & TECHNOL CHINA;MICROSOFT;	7
253.	<u>FORCED CONVECTION OF NANOFLUID IN PRESENCE OF CONSTANT MAGNETIC FIELD CONSIDERING SHAPE EFFECTS OF NANOPARTICLES</u>	SHEIKHOESLAMI, M;BHATTI, MM	INT J HEAT MASS TRANSFER 111: 1039-1049 AUG 2017	BABOL NOSHIRVANI UNIV TECHOL;SHANGHAI UNIV;	7
254.	<u>THERMAL BUCKLING ANALYSIS OF CROSS-PLY LAMINATED PLATES USING A SIMPLIFIED HSDT</u>	CHIKH, A;TOUNSI, A;HEBALI, H;MAHMOUD, SR	SMART STRUCT SYST 19 (3): 289-297 MAR 2017	KING ABDULAZIZ UNIV;UNIV IBN KHALDOUN TIARET;UNIV DJILLALI LIABES SIDI BEL ABBES;SOHAG UNIV;	7
255.	<u>POF-SIMULATION-ASSISTED RELIABILITY PREDICTION FOR ELECTROLYTIC CAPACITOR IN LED DRIVERS</u>	SUN, B;FAN, XJ;QIAN, C;ZHANG, GQ	IEEE TRANS IND ELECTRON 63 (11): 6726-6735 NOV 2016	CHINESE ACAD SCI;TEXAS STATE UNIV SYSTEM;STATE KEY LAB SOLID STATE LIGHTING;LAMAR UNIV;INST SEMICONDUCTORS CAS;DELFT UNIV	6

				TECHNOL;	
256.	<u>A MAGNETIC SUPERHYDROPHILIC/OLEOPHOBIC SPONGE FOR CONTINUOUS OIL-WATER SEPARATION</u>	SU, CP;YANG, H;SONG, S;LU, B;CHEN, R	CHEM ENG J 309: 366-373 FEB 1 2017	WUHAN INST TECHNOL;	6
257.	<u>EFFECT OF LITHOFACIES ON GAS STORAGE CAPACITY OF MARINE AND CONTINENTAL SHALES IN THE SICHUAN BASIN, CHINA</u>	CHEN, L;JIANG, ZX;LIU, KY;WANG, PF;JI, WM;GAO, FL;LI, P;HU, T;ZHANG, B;HUANG, HX	J NAT GAS SCI ENG 36: 773-785 PART A NOV 2016	CHINA NATL PETR CORP;CSIRO;CHINA UNIV PETR;	6
258.	<u>OVERVIEW ON RECENT DEVELOPMENTS IN ENERGY STORAGE: MECHANICAL, ELECTROCHEMICAL AND HYDROGEN TECHNOLOGIES</u>	AMIRANTE, R;CASSONE, E;DISTASO, E;TAMBURRANO, P	ENERG CONV MANAGE 132: 372-387 JAN 15 2017	POLITECN BARI;	6
259.	<u>IMPROVEMENT OF TRANSIENT STABILITY IN A HYBRID POWER MULTI-SYSTEM USING A DESIGNED NIDC (NOVEL INTELLIGENT DAMPING CONTROLLER)</u>	OU, TC;LU, KH;HUANG, CJ	ENERGIES 10 (4): - APR 2017	BEIJING INST TECHNOL;INST NUCLEAR RES - INER;	6
260.	<u>PHOTOANODE/ELECTROLYTE INTERFACE STABILITY IN AQUEOUS DYE-SENSITIZED SOLAR CELLS</u>	GALLIANO, S;BELLA, F;GERBALDI, C;FALCO, M;VISCARDI, G;GRATZEL, M;BAROLO, C	ENERGY TECHNOL 5 (2): 300-311 FEB 2017	POLYTECH UNIV TURIN;UNIV TURIN;SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN;SWISS FED INST TECHNOL LAUSANNE;	6
261.	<u>AMPLITUDE-SATURATED NONLINEAR OUTPUT FEEDBACK ANTISWING CONTROL FOR</u>	SUN, N;FANG, YC;CHEN, H;LU, B	IEEE TRANS IND ELECTRON 64 (3): 2135-2146 MAR 2017	NANKAI UNIV;	6

	<u>UNDERACTUATED CRANES WITH DOUBLE-PENDULUM CARGO DYNAMICS</u>				
262.	<u>A COMPREHENSIVE REVIEW OF DATA ENVELOPMENT ANALYSIS (DEA) APPROACH IN ENERGY EFFICIENCY</u>	MARDANI, A;ZAVADSKAS, EK;STREIMIKIENE, D;JUSOH, A;KHOSHNOUDI, M	RENEW SUSTAIN ENERGY REV 70: 1298-1322 APR 2017	LITHUANIAN ENERGY INST;VILNIUS GEDIMINAS TECH UNIV;UNIV TEKNOLOGI MALAYSIA;	6
263.	<u>MIXED CONVECTION FLOW OF MAGNETOHYDRODYNAMIC MICROPOLAR FLUID DUE TO A POROUS HEATED/COOLED DEFORMABLE PLATE: EXACT SOLUTIONS</u>	TURKYILMAZOGLU, M	INT J HEAT MASS TRANSFER 106: 127-134 MAR 2017	HACETTEPE UNIV;	6
264.	<u>THE USE OF RED MUD AS AN IMMOBILISER FOR METAL/METALLOID-CONTAMINATED SOIL: A REVIEW</u>	HUA, YM;HEAL, KV;FRIESL-HANL, W	J HAZARD MATER 325: 17-30 MAR 5 2017	AIT AUSTRIAN INST TECHNOL GMBH;UNIV EDINBURGH;HUAZHONG AGR UNIV;	5
265.	<u>STABILITY ANALYSIS OF THE SHUNT REGULATOR WITH NONLINEAR CONTROLLER IN PCU BASED ON DESCRIBING FUNCTION METHOD</u>	LI, H;WANG, SH;LU, JH;YOU, XJ;YU, X	IEEE TRANS IND ELECTRON 64 (3): 2044-2053 MAR 2017	ACAD MATH SYST SCI CAS;STATE GRID BEIJING CHANGPING ELECT POWER SUPPLY C;ROYAL MELBOURNE INST TECHNOL;CHINESE ACAD SCI;BEIJING JIAOTONG UNIV;	5
266.	<u>DISTRIBUTED TRACKING OF NONLINEAR MULTIAGENT SYSTEMS UNDER DIRECTED SWITCHING TOPOLOGY: AN OBSERVER-BASED PROTOCOL</u>	WEN, GH;YU, WW;XIA, YQ;YU, XH;HU, JQ	IEEE TRANS SYST MAN CYBERN-SY 47 (5): 869-881 MAY 2017	BEIJING INST TECHNOL;SOUTHEAST UNIV;ROYAL MELBOURNE INST TECHNOL;	5
267.	<u>SURFACE MODIFICATION OF</u>	KUMAR, S;JAIN, S	INT J HYDROGEN ENERGY 42 (1): 1-11 MAR 2017	BHABHA ATOM RES CTR;HIROSHIMA UNIV;	5

	<u>MGH2 BY ZRCL4 TO TAILOR THE REVERSIBLE HYDROGEN STORAGE PERFORMANCE</u>	A;YAMAGUCHI, S;MIYAOKA, H;ICHIKAWA, T;MUKHERJEE, A;DEY, GK;KOJIMA, Y	ENERG 42 (9): 6152-6159 MAR 2 2017	UNIV;	
268.	<u>A UNIFIED TRANSMISSION STRATEGY FOR TDD/FDD MASSIVE MIMO SYSTEMS WITH SPATIAL BASIS EXPANSION MODEL</u>	XIE, HX;GAO, FF;ZHANG, S;JIN, S	IEEE TRANS VEH TECHNOL 66 (4): 3170-3184 APR 2017	CHINESE ACAD SCI;XIDIAN UNIV;TSING HUA UNIV;SOUTHEAST UNIV;	5
269.	<u>FULLY CONVOLUTIONAL NETWORKS FOR SEMANTIC SEGMENTATION</u>	SHELHAMER, E;LONG, J;DARRELL, T	IEEE TRANS PATT ANAL MACH INT 39 (4): 640-651 APR 2017	UNIV CALIF BERKELEY;UNIV CALIF SYSTEM;	5
270.	<u>METAL-ORGANIC-FRAMEWORKS DERIVED POROUS CARBON-WRAPPED NI COMPOSITES WITH OPTIMIZED IMPEDANCE MATCHING AS EXCELLENT LIGHTWEIGHT ELECTROMAGNETIC WAVE ABSORBER</u>	LIU, W;SHAO, QW;JI, GB;LIANG, XH;CHENG, Y;QUAN, B;DU, YW	CHEM ENG J 313: 734-744 APR 1 2017	NANJING UNIV;NANJING UNIV AERONAUT & ASTRONAUT;	4
271.	<u>DARCY-FORCHHEIMER FLOW WITH CATTANEO-CHRISTOV HEAT FLUX AND HOMOGENEOUS-HETEROGENEOUS REACTIONS</u>	HAYAT, T;HAIDER, F;MUHAMMAD, T;ALSAEDI, A	PLOS ONE 12 (4): - APR 5 2017	KING ABDULAZIZ UNIV;QUAID I AZAM UNIV;	4
272.	<u>NEGATIVE CAPACITANCE FINFET WITH SUB-20-MV/DECADE</u>	KO, E;LEE, JW;SHIN, C	IEEE ELECTRON DEV LETT 38 (4): 418-421 APR 2017	KOREA UNIV;UNIV SEOUL;	4

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