

兰州理工大学 ESI 统计报告

(2023 年 11 月)

兰州理工大学图书馆

2023 年 11 月

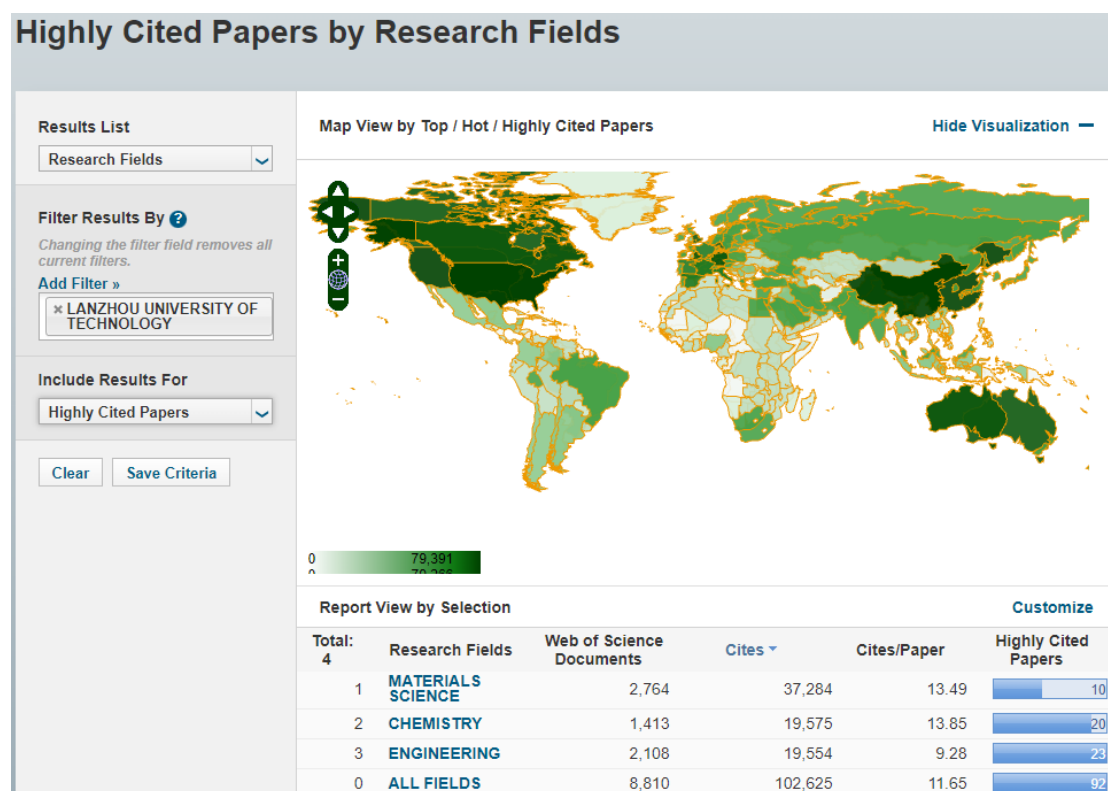
一、兰州理工大学 ESI 学科最新数据

据检索科睿唯安基本科学指标数据库 ESI (Essential Science Indicators, 2023 年 11 月更新数据), 结果显示, 兰州理工大学共有 3 个学科进入 ESI 世界前 1% 排名, 分别为材料科学(Materials Science)、化学(Chemistry)、工程学(Engineering)。

材料科学近十年(2013 年 1 月 1 日-2023 年 8 月 31 日)一共发表 2764 篇 ESI 论文, 总被引频次 37284 次, 有 10 篇高被引论文。全球共有 1342 所机构的材料科学学科进入 ESI 学科世界排名前 1%, 我校排名第 423 名, 中国大陆共有 297 所机构入围, 我校排名第 117 名。

化学近十年(2013 年 1 月 1 日-2023 年 8 月 31 日)一共发表 1413 篇 ESI 论文, 总被引频次 19575 次, 有 20 篇高被引论文。全球共有 1854 所机构的化学学科进入 ESI 学科世界排名前 1%, 我校排名第 1018 名, 中国大陆共有 348 所机构入围, 我校排名第 206 名。

工程学近十年(2013 年 1 月 1 日-2023 年 8 月 31 日)一共发表 2108 篇 ESI 论文, 总被引频次 19554 次, 有 23 篇高被引论文, 2 篇热点论文。全球共有 2336 所机构的工程学学科进入 ESI 学科世界排名前 1%, 我校排名第 681 名, 中国大陆共有 419 所机构入围, 我校排名第 138 名。



ESI 数据库 2023 年 11 月截图

二、高被引论文及热点论文

1、高被引论文

序号	文章标题	作者	来源出版物	所属学科	被引次数	地址	出版年
1	HUMAN HEALTH RISK ASSESSMENT OF ANTIBIOTIC RESISTANCE ASSOCIATED WITH ANTIBIOTIC RESIDUES IN THE ENVIRONMENT: A REVIEW	BEN, YJ;FU, CX;HU, M;LIU, L;WONG, MH;ZHENG, CM	ENVIRONMENTAL RESEARCH 169: 483-493 FEB 2019	ENVIRONMENT/ ECOLOGY	487	SOUTHERN UNIV SCI & TECHNOL, SCH ENVIRONM SCI & ENGN, GUANGDONG PROV KEY LAB SOIL & GROUNDWATER POLLUT, SHENZHEN 518055, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, COLL RESOURCES & ENVIRONM, BEIJING 100190, PEOPLES R CHINA;SOUTHERN UNIV SCI & TECHNOL, SCH ENVIRONM SCI & ENGN, STATE ENVIRONM PROTECT KEY LAB INTEGRATED SURFACE, SHENZHEN 518055, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH CIVIL ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;UNIV HONG KONG, ENVIRONM BIOTECHNOL LAB, HONG KONG, PEOPLES R CHINA;EDUC UNIV HONG KONG, DEPT SCI & ENVIRONM STUDIES, CHEER, TAI PO, HONG KONG, PEOPLES R CHINA	2019
2	PROMISING ACTIVATED CARBONS DERIVED FROM WASTE TEA-LEAVES AND THEIR APPLICATION IN HIGH PERFORMANCE SUPERCAPACITORS ELECTRODES	PENG, C;YAN, XB;WANG, RT;LANG, JW;OU, YJ;XUE, QJ	ELECTROCHIMICA ACTA 87: 401-408 JAN 1 2013	CHEMISTRY	374	CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, LAB CLEAN ENERGY CHEM & MAT, LANZHOU 730000, PEOPLES R CHINA;CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, STATE KEY LAB SOLID LUBRICAT, LANZHOU 730000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH PETROCHEM ENGN, LANZHOU 730050, PEOPLES R CHINA	2013
3	MODEL OF ELECTRICAL ACTIVITY IN A NEURON UNDER MAGNETIC FLOW EFFECT	LV, M;WANG, CN;REN, GD;MA, J;SONG, XL	NONLINEAR DYNAMICS 85 (3): 1479-1490 AUG 2016	ENGINEERING	339	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2016

4	SUPERWETTING MONOLITHIC HOLLOW-CARBON-NANOTUBES AEROGELS WITH HIERARCHICALLY NANOPOROUS STRUCTURE FOR EFFICIENT SOLAR STEAM GENERATION	MU, P;ZHANG, Z;BAI, W;HE, JX;SUN, HX;ZHU, ZQ;LIANG, WD;LI, A	ADVANCED ENERGY MATERIALS 9 (1): - JAN 3 2019	MATERIALS SCIENCE	305	LANZHOU UNIV TECHNOL, COLL PETROCHEM ENGN, DEPT CHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019
5	IMPACT OF METEOROLOGICAL FACTORS ON THE COVID-19 TRANSMISSION: A MULTI-CITY STUDY IN CHINA	LIU, JT;ZHOU, J;YAO, JX;ZHANG, XX;LI, LY;XU, XC;HE, XT;WANG, B;FU, SH;NIU, TT;YAN, J;SHI, YJ;REN, XW;NIU, JP;ZHU, WH;LI, S;LUO, B;ZHANG, K	SCIENCE OF THE TOTAL ENVIRONMENT 726: - JUL 15 2020	ENVIRONMENT/ ECOLOGY	295	LANZHOU UNIV, SCH PUBL HLTH, INST OCCUPAT HLTH & ENVIRONM HLTH, LANZHOU 730000, GANSU, PEOPLES R CHINA;SHANGHAI METEOROL BUR, SHANGHAI KEY LAB METEOROL & HLTH, SHANGHAI 200030, PEOPLES R CHINA;GANSU PROV CTR DIS PREVENT & CONTROL, LANZHOU 730000, GANSU, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL RESOURCES & ENVIRONM SCI, LANZHOU 730000, GANSU, PEOPLES R CHINA;LANZHOU UNIV, HOSP 1, DEPT GEN SURG, LANZHOU 730000, GANSU, PEOPLES R CHINA;LANZHOU UNIV, SCH PUBL HLTH, INST EPIDEMIOLOG & STAT, LANZHOU 730000, GANSU, PEOPLES R CHINA;HEBEI METEOROL BUR, HEBEI CLIMATE CTR, SHIJIAZHUANG 050021, HEBEI, PEOPLES R CHINA;CUNY, DEPT EPIDEMIOLOG & BIostat, SCH PUBL HLTH, NEW YORK, NY 10026 USA;CHINA METEOROL ADM, SHANGHAI TYPHOON INST, SHANGHAI 200030, PEOPLES R CHINA;UNIV TEXAS HLTH SCI CTR HOUSTON, SCH PUBL HLTH, DEPT EPIDEMIOLOG HUMAN GENET & ENVIRONM SCI, HOUSTON, TX 77030 USA;UNIV TEXAS HLTH SCI CTR HOUSTON, SOUTHWEST CTR OCCUPAT & ENVIRONM HLTH, SCH PUBL HLTH, HOUSTON, TX 77030 USA	2020
6	A REVIEW FOR DYNAMICS IN NEURON AND NEURONAL NETWORK	MA, J;TANG, J	NONLINEAR DYNAMICS 89 (3): 1569-1578 AUG 2017	ENGINEERING	289	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, GANSU, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;KING ABDULAZIZ UNIV, NAAM RES GRP, DEPT MATH, FAC SCI, POB 80203, JEDDAH 21589, SAUDI ARABIA;CHINA UNIV MIN & TECHNOL, DEPT PHYS, XUZHOU 221116, PEOPLES R CHINA	2017

7	UNMASKING CHLORIDE ATTACK ON THE PASSIVE FILM OF METALS	ZHANG, B;WANG, J;WU, B;GUO, XW;WANG, YJ;CHEN, D;ZHANG, YC;DU, K;OGUZIE, EE;MA, XL	NATURE COMMUNICATIONS 9: - JUL 2 2018	CHEMISTRY	252	CHINESE ACAD SCI, INST MET RES, SHENYANG NATL LAB MAT SCI, WENHUA RD 72, SHENYANG 110016, LIAONING, PEOPLES R CHINA;FED UNIV TECHNOL OWERRI, ELECTROCHEM & MAT SCI RES LAB, DEPT CHEM, OWERRI 1526, NIGERIA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, GANSU, PEOPLES R CHINA	2018
8	SAFE AND HIGH-RATE SUPERCAPACITORS BASED ON AN ACETONITRILE/WATER IN SALT HYBRID ELECTROLYTE	DOU, QY;LEI, SL;WANG, DW;ZHANG, QN;XIAO, DW;GUO, HW;WANG, AP;YANG, H;LI, YL;SHI, SQ;YAN, XB	ENERGY & ENVIRONMENTAL SCIENCE 11 (11): 3212-3219 NOV 2018	ENVIRONMENT/ ECOLOGY	243	CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, LAB CLEAN ENERGY CHEM & MAT, STATE KEY LAB SOLID LUBRICAT, LANZHOU 730000, GANSU, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, BEIJING 100039, PEOPLES R CHINA;UNIV NEW SOUTH WALES, SCH CHEM ENGN, SYDNEY, NSW 2052, AUSTRALIA;ANHUI UNIV TECHNOL, SCH MAT SCI & ENGN, MAANSHAN 243000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH PETROCHEM ENGN, DEPT CHEM ENGN & TECHNOL, LANZHOU 730050, GANSU, PEOPLES R CHINA;SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, MAT GENOME INST, SHANGHAI 200444, PEOPLES R CHINA;INT CTR QUANTUM & MOL STRUCT, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI KEY LAB HIGH TEMP SUPERCONDUCTORS, SHANGHAI 200444, PEOPLES R CHINA	2018
9	MULTIPLE MODES OF ELECTRICAL ACTIVITIES IN A NEW NEURON MODEL UNDER ELECTROMAGNETIC RADIATION	LV, M;MA, J	NEUROCOMPUTING 205: 375-381 SEP 12 2016	COMPUTER SCIENCE	225	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2016

10	A LOW-COST WATER-IN-SALT ELECTROLYTE FOR A 2.3 V HIGH-RATE CARBON-BASED SUPERCAPACITOR	BU, XD;SU, LJ;DOU, QY;LEI, SL;YAN, XB	JOURNAL OF MATERIALS CHEMISTRY A 7 (13): 7541-7547 APR 7 2019	MATERIALS SCIENCE	221	CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, STATE KEY LAB SOLID LUBRICAT, LAB CLEAN ENERGY CHEM & MAT, LANZHOU 730000, GANSU, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, CTR MAT SCI & OPTOELECT ENGN, BEIJING 100039, PEOPLES R CHINA;DALIAN NATL LAB CLEAN ENERGY, DALIAN 116023, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019
11	MULTI-MODE SURFACE PLASMON RESONANCE ABSORBER BASED ON DART-TYPE SINGLE-LAYER GRAPHENE	CHEN, H;CHEN, ZH;YANG, H;WEN, LH;YI, Z;ZHOU, ZG;DAI, B;ZHANG, JG;WU, XW;WU, PH	RSC ADVANCES 12 (13): 7821-7829 MAR 8 2022	CHEMISTRY	202	SOUTHWEST UNIV SCI & TECHNOL, SCH SCI, STATE KEY LAB ENVIRONM FRIENDLY ENERGY MAT, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;YIBIN UNIV, DIV INTELLIGENT MANUFACTUNING, YIBIN 644600, PEOPLES R CHINA;JINZHONG UNIV, DEPT PHYS, JINZHONG 030619, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, FUJIAN PROV KEY LAB ADV MICRONANO PHOTON TECHNOL, QUANZHOU 362000, PEOPLES R CHINA	2022
12	A REVIEW FOR DYNAMICS OF COLLECTIVE BEHAVIORS OF NETWORK OF NEURONS	MA, J;TANG, J	SCIENCE CHINA-TECHNOLOGICAL SCIENCES 58 (12): 2038-2045 DEC 2015	ENGINEERING	196	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHINA UNIV MIN & TECHNOL, COLL SCI, XUZHOU 221116, PEOPLES R CHINA	2015
13	A SHORT REVIEW ON HETEROJUNCTION PHOTOCATALYSTS: CARRIER TRANSFER BEHAVIOR AND PHOTOCATALYTIC MECHANISMS	YANG, H	MATERIALS RESEARCH BULLETIN 142: - OCT 2021	MATERIALS SCIENCE	162	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA	2021

14	BROADBAND SOLAR ENERGY ABSORBER BASED ON MONOLAYER MOLYBDENUM DISULFIDE USING TUNGSTEN ELLIPTICAL ARRAYS	LI, JK;CHEN, XF;YI, Z;YANG, H;TANG, YJ;YI, Y;YAO, WT;WANG, JQ;YI, YG	MATERIALS TODAY ENERGY 16: - JUN 2020	MATERIALS SCIENCE	160	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SICHUAN CIVIL MIL INTEGRAT INST, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;ZHENGZHOU UNIV, SCH PHYS & ENGN, ZHENGZHOU 450001, PEOPLES R CHINA;ZHENGZHOU UNIV, KEY LAB MAT PHYS, MINIST EDUC CHINA, ZHENGZHOU 450001, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA	2020
15	PREPARATION OF CORE-SHELL HETEROJUNCTION PHOTOCATALYSTS BY COATING CDS NANOPARTICLES ONTO BI4TI3O12 HIERARCHICAL MICROSPHERES AND THEIR PHOTOCATALYTIC REMOVAL OF ORGANIC POLLUTANTS AND CR(VI) IONS	CHENG, TT;GAO, HJ;LIU, GR;PU, ZS;WANG, SF;YI, Z;WU, XW;YANG, H	COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS 633: - PART 2 JAN 20 2022	CHEMISTRY	160	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, WANZHOU 404000, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022
16	ULTRA-BROADBAND AND WIDE-ANGLE PERFECT SOLAR ABSORBER BASED ON TIN NANODISK AND TI THIN FILM STRUCTURE	QIN, F;CHEN, XF;YI, Z;YAO, WT;YANG, H;TANG, YJ;YI, Y;LI, HL;YI, YG	SOLAR ENERGY MATERIALS AND SOLAR CELLS 211: - JUL 1 2020	MATERIALS SCIENCE	159	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SICHUAN CIVIL MIL INTEGRAT INST, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;CHINESE ACAD SCI, INST MICROELECT, KEY LAB MICROELECT DEVICES & INTEGRATED TECHNOL, BEIJING 100029, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA	2020

17	ULTRA-WIDEBAND SOLAR ABSORBER BASED ON REFRACTORY TITANIUM METAL	YU, PQ;YANG, H;CHEN, XF;YI, Z;YAO, WT;CHEN, JF;YI, YG;WU, PH	RENEWABLE ENERGY 158: 227-235 OCT 2020	ENGINEERING	156	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, RES CTR PHOTON TECHNOL, KEY LAB INFORMAT FUNCT MAT FUJIAN HIGHER EDUC, QUANZHOU 362000, FUJIAN, PEOPLES R CHINA	2020
18	THERMAL TUNING OF TERAHERTZ METAMATERIAL ABSORBER PROPERTIES BASED ON VO2	ZHENG, ZP;LUO, Y;YANG, H;YI, Z;ZHANG, JG;SONG, QJ;YANG, WX;LIU, C;WU, XW;WU, PH	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 24 (15): 8846-8853 APR 13 2022	CHEMISTRY	156	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;JINZHONG UNIV, DEPT PHYS, JINZHONG 030619, PEOPLES R CHINA;YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, HUBEI, PEOPLES R CHINA;NORTHEAST PETR UNIV, SCH PHYS & ELECT ENGN, DAQING 163318, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, FUJIAN PROV KEY LAB ADV MICRONANO PHOTON TECHNOL, QUANZHOU 362000, PEOPLES R CHINA	2022

19	ELECTRON-ION COLLIDER IN CHINA	ANDERLE, DP;BERTONE, V;CAO, X;CHANG, L;CHANG, NB;CHEN, G;CHEN, XR;CHEN, ZJ;CUI, ZF;DAI, LY;DENG, WT;DING, MH;FENG, X;GONG, C; etc	FRONTIERS OF PHYSICS 16 (6): - DEC 2021	PHYSICS	149	SOUTH CHINA NORMAL UNIV, INST QUANTUM MATTER, GUANGDONG PROV KEY LAB NUCL SCI, GUANGZHOU 510006, PEOPLES R CHINA;UNIV PARIS SACLAY, IRFU, CEA, F-91191 GIF SUR YVETTE, FRANCE;CHINESE ACAD SCI, INST MODERN PHYS, LANZHOU 730000, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, BEIJING 100049, PEOPLES R CHINA;NANKAI UNIV, TIANJIN 300071, PEOPLES R CHINA;XINYANG NORMAL UNIV, XINYANG 464000, PEOPLES R CHINA;GUANGZHOU UNIV, SCH PHYS & MAT SCI, GUANGZHOU 510006, PEOPLES R CHINA;HUNAN UNIV, CHANGSHA 410082, PEOPLES R CHINA;NANJING UNIV, NANJING 210093, PEOPLES R CHINA;HUAZHONG UNIV SCI & TECHNOL, WUHAN 430074, PEOPLES R CHINA; etc	2021
20	PHASE SYNCHRONIZATION BETWEEN TWO NEURONS INDUCED BY COUPLING OF ELECTROMAGNETIC FIELD	MA, J;MI, L;ZHOU, P;XU, Y;HAYAT, T	APPLIED MATHEMATICS AND COMPUTATION 307: 321-328 AUG 15 2017	MATHEMATICS	147	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;KING ABDULAZIZ UNIV, FAC SCI, DEPT MATH, NAAM RES GRP, POB 80203, JEDDAH 21589, SAUDI ARABIA;QUAID I AZAM UNIV, DEPT MATH, ISLAMABAD 44000, PAKISTAN	2017

21	ISOLATED COPPER SINGLE SITES FOR HIGH-PERFORMANCE ELECTROREDUCTION OF CARBON MONOXIDE TO MULTICARBON PRODUCTS	BAO, HH;QIU, Y;PENG, XY;WANG, JA;MI, YY;ZHAO, SZ;LIU, XJ;LIU, YF;CAO, R;ZHUO, LC;REN, JQ;SUN, JQ;LUO, J;SUN, XP	NATURE COMMUNICATIONS 12 (1): - JAN 11 2021	CHEMISTRY	132	TIANJIN UNIV TECHNOL, INST NEW ENERGY MAT & LOW CARBON TECHNOL, SCH MAT SCI & ENGN, TIANJIN 300384, PEOPLES R CHINA;TIANJIN UNIV TECHNOL, TIANJIN KEY LAB PHOTOELECT MAT & DEVICES, SCH MAT SCI & ENGN, TIANJIN 300384, PEOPLES R CHINA;UNIV JINAN, SCH MAT SCI & ENGN, JINAN 250022, PEOPLES R CHINA;UNIV SCI & TECHNOL BEIJING, DEPT ENVIRONM ENGN, BEIJING 100083, PEOPLES R CHINA;CIVIL AVIAT UNIV CHINA, KEY LAB CIVIL AVIAT THERMAL HAZARDS PREVENT & EME, TIANJIN 300300, PEOPLES R CHINA;SHENZHEN UNIV, COLL PHYS & OPTOELECT ENGN, SHENZHEN 518060, PEOPLES R CHINA;SLAC NATL ACCELERATOR LAB, STANFORD SYNCHROTRON RADIAT LIGHTSOURCE, MENLO PK, CA 94025 USA;XIAN UNIV TECHNOL, SCH MAT SCI & ENGN, XIAN 710048, SHANXI, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, GANSU, PEOPLES R CHINA;CHINESE ACAD SCI, INST COAL CHEM, STATE KEY LAB COAL CONVERS, TAIYUAN 030001, SHANXI, PEOPLES R CHINA;UNIV ELECT SCI & TECHNOL CHINA, INST FUNDAMENTAL & FRONTIER SCI, CHENGDU 610054, SICHUAN, PEOPLES R CHINA	2021
22	FABRICATION OF BILAYERED ATTAPULGITE FOR SOLAR STEAM GENERATION WITH HIGH CONVERSION EFFICIENCY	JIA, J;LIANG, WD;SUN, HX;ZHU, ZQ;WANG, CJ;LI, A	CHEMICAL ENGINEERING JOURNAL 361: 999-1006 APR 1 2019	ENGINEERING	129	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANGONGPING RD 287, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019

23	THE DEVIL IS IN THE CHANNELS: MUTUAL-CHANNEL LOSS FOR FINE-GRAINED IMAGE CLASSIFICATION	CHANG, DL;DING, YF;XIE, JY;BHUNIA, AK;LI, XX;MA, Z;WU, M;GUO, J;SONG, YZ	IEEE TRANSACTIONS ON IMAGE PROCESSING 29: 4683-4695 2020	ENGINEERING	126	BEIJING UNIV POSTS & TELECOMMUN, SCH ARTIFICIAL INTELLIGENCE, PATTERN RECOGNIT & INTELLIGENT SYST LAB, BEIJING 100876, PEOPLES R CHINA;UNIV SURREY, CTR VIS SPEECH & SIGNAL PROC, GUILDFORD GU2 7XH, SURREY, ENGLAND;LANZHOU UNIV TECHNOL, SCH COMP & COMMUN, LANZHOU 730050, PEOPLES R CHINA	2020
24	CLARIFY THE PHYSICAL PROCESS FOR FRACTIONAL DYNAMICAL SYSTEMS	ZHOU, P;MA, J;TANG, J	NONLINEAR DYNAMICS 100 (3): 2353-2364 MAY 2020	ENGINEERING	125	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHINA UNIV MIN & TECHNOL, SCH PHYS, XUZHOU 221116, JIANGSU, PEOPLES R CHINA	2020
25	DESIGN OF ULTRA-NARROW BAND GRAPHENE REFRACTIVE INDEX SENSOR	SHANGGUAN, QY;CHEN, ZH;YANG, H;CHENG, SB;YANG, WX;YI, Z;WU, XW;WANG, SF;YI, YG;WU, PH	SENSORS 22 (17): - SEP 2022	CHEMISTRY	123	YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, PEOPLES R CHINA;UNIV ELECT SCI & TECHNOL CHINA, STATE KEY LAB ELECT THIN FILM & INTEGRATED DEVICE, SCH ELECT SCI & ENGN, CHENGDU 610054, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, CHONGQING 404000, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, FUJIAN PROV KEY LAB ADV MICRONANO PHOTON TECHNOL, QUANZHOU 362000, PEOPLES R CHINA	2022

26	A THEORETICAL STUDY OF A PLASMONIC SENSOR COMPRISING A GOLD NANO-DISK ARRAY ON GOLD FILM WITH A SiO ₂ SPACER	WANG, XX;ZHU, JK;TONG, H;YANG, XD;WU, XX;PANG, ZY;YANG, H;QI, YP	CHINESE PHYSICS B 28 (4): - APR 2019	PHYSICS	118	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, GANSU, PEOPLES R CHINA;NORTHWEST NORMAL UNIV, COLL PHYS & ELECT ENGN, LANZHOU 730070, GANSU, PEOPLES R CHINA	2019
27	AN ENSEMBLE DISCRETE DIFFERENTIAL EVOLUTION FOR THE DISTRIBUTED BLOCKING FLOWSHOP SCHEDULING WITH MINIMIZING MAKESPAN CRITERION	ZHAO, FQ;ZHAO, LX;WANG, L;SONG, HB	EXPERT SYSTEMS WITH APPLICATIONS 160: - DEC 1 2020	ENGINEERING	114	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA	2020
28	A REVIEW ON THE MECHANISM, IMPACTS AND CONTROL METHODS OF MEMBRANE FOULING IN MBR SYSTEM	DU, XJ;SHI, YK;JEGATHEESAN, V;UL HAQ, I	MEMBRANES 10 (2): - FEB 2020	CHEMISTRY	111	LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, PEOPLES R CHINA;RMIT UNIV, SCH ENGN, MELBOURNE, VIC 3000, AUSTRALIA;LANZHOU UNIV TECHNOL, KEY LAB GANSU ADV CONTROL IND PROC, LANZHOU 730050, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, NATL DEMONSTRAT CTR EXPT ELECT & CONTROL ENGN EDU, LANZHOU 730050, PEOPLES R CHINA	2020
29	THE ELECTRICAL ACTIVITY OF NEURONS SUBJECT TO ELECTROMAGNETIC INDUCTION AND GAUSSIAN WHITE NOISE	WANG, Y;MA, J;XU, Y;WU, FQ;ZHOU, P	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS 27 (2): - FEB 2017	MATHEMATICS	109	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;KING ABDULAZIZ UNIV, FAC SCI, DEPT MATH, NAAM RES GRP, POB 80203, JEDDAH 21589, SAUDI ARABIA	2017

30	A DUAL-BAND METAMATERIAL ABSORBER FOR GRAPHENE SURFACE PLASMON RESONANCE AT TERAHERTZ FREQUENCY	CEN, CL;ZHANG, YB;CHEN, XF;YANG, H;YI, Z;YAO, WT;TANG, YJ;YI, YE;WANG, JQ;WU, PH	PHYSICAL SYSTEMS & NANOSTRUCTURES 117: - SP. ISS. SI MAR 2020	PHYSICS	107	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, GANSU, PEOPLES R CHINA;SICHUAN CIVIL MIL INTEGRAT INST, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, HUNAN, PEOPLES R CHINA;ZHENGZHOU UNIV, SCH PHYS & ENGN, MINIST EDUC CHINA, ZHENGZHOU 450001, HENAN, PEOPLES R CHINA;ZHENGZHOU UNIV, KEY LAB MAT PHYS, MINIST EDUC CHINA, ZHENGZHOU 450001, HENAN, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, PHOTON TECHNOL RES & DEV CTR, KEY LAB INFORMAT FUNCT MAT FUJIAN HIGHER EDUC, QUANZHOU 362000, FUJIAN, PEOPLES R CHINA	2020
31	A TWO-STAGE COOPERATIVE EVOLUTIONARY ALGORITHM WITH PROBLEM-SPECIFIC KNOWLEDGE FOR ENERGY-EFFICIENT SCHEDULING OF NO-WAIT FLOW-SHOP PROBLEM	ZHAO, FQ;HE, X;WANG, L	IEEE TRANSACTIONS ON CYBERNETICS 51 (11): 5291-5303 NOV 2021	COMPUTER SCIENCE	105	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2021
32	<P>SYNTHESIS OF CARNATION FLOWER-LIKE BI2O2CO3 PHOTOCATALYST AND ITS PROMISING APPLICATION FOR PHOTOREDUCTION OF CR(VI)</P>	LI, LX;GAO, HJ;LIU, GR;WANG, SF;YI, Z;WU, XW;YANG, H	ADVANCED POWDER TECHNOLOGY 33 (3): - MAR 2022	CHEMISTRY	102	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, CHONGQING 404000, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022

33	CARBON QUANTUM DOTS ASSISTED STRATEGY TO SYNTHESIZE CO@NC FOR BOOSTING PHOTOCATALYTIC HYDROGEN EVOLUTION PERFORMANCE OF CDS	MENG, XY;ZHANG, CC;DONG, CZ;SUN, WJ;JI, D;DING, Y	CHEMICAL ENGINEERING JOURNAL 389: - JUN 1 2020	ENGINEERING	100	LANZHOU UNIV, STATE KEY LAB APPL ORGAN CHEM, KEY LAB NONFERROUS MET CHEM & RESOURCES UTILIZAT, 222 TIANSHUI SOUTH RD, LANZHOU 730000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANGONGPING RD 287, LANZHOU 730050, PEOPLES R CHINA;CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, STATE KEY LAB OXO SYNTH & SELECT OXIDAT, 18 TIANSHUI MIDDLE RD, LANZHOU 730000, PEOPLES R CHINA	2020
34	A CLASS OF INITIALS-DEPENDENT DYNAMICAL SYSTEMS	MA, J;WU, FQ;REN, GD;TANG, J	APPLIED MATHEMATICS AND COMPUTATION 298: 65-76 APR 1 2017	MATHEMATICS	98	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANGONGPING 287, LANZHOU 730050, GANSU, PEOPLES R CHINA;CHINA UNIV MIN & TECHNOL, DEPT PHYS, XUZHOU 221116, PEOPLES R CHINA	2017
35	FATTY AMINES/GRAPHENE SPONGE FORM-STABLE PHASE CHANGE MATERIAL COMPOSITES WITH EXCEPTIONALLY HIGH LOADING RATES AND ENERGY DENSITY FOR THERMAL ENERGY STORAGE	CHEN, T;LIU, C;MU, P;SUN, HX;ZHU, ZQ;LIANG, WD;LI, A	CHEMICAL ENGINEERING JOURNAL 382: - FEB 15 2020	ENGINEERING	97	LANZHOU UNIV TECHNOL, DEPT CHEM ENGN, COLL PETROCHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2020
36	EFFICIENT PROTECTION OF MG ALLOY ENABLED BY COMBINATION OF A CONVENTIONAL ANTI-CORROSION COATING AND A SUPERAMPHIPHOBIC COATING	WEI, JF;LI, BC;JING, LY;TIAN, N;ZHAO, X;ZHANG, JP	CHEMICAL ENGINEERING JOURNAL 390: - JUN 15 2020	ENGINEERING	94	CHINESE ACAD SCI, CTR ECOMAT & GREEN CHEM, LANZHOU INST CHEM PHYS, LANZHOU 730000, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, CTR MAT SCI & OPTOELECT ENGN, BEIJING 100049, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL PETROCHEM ENGN, DEPT CHEM ENGN, LANZHOU 730050, PEOPLES R CHINA	2020
37	DYNAMICS AND STOCHASTIC RESONANCE IN A THERMOSENSITIVE NEURON	XU, Y;GUO, YY;REN, GD;MA, J	APPLIED MATHEMATICS AND COMPUTATION 385: - NOV 15 2020	MATHEMATICS	85	LANZHOU UNIV TECHNOL, DEPT PHYS, LANGONGPING 287, LANZHOU 730050, PEOPLES R CHINA;SHANDONG NORMAL UNIV, SCH MATH & STAT, JINAN 250014, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2020

38	EXISTENCE OF POSITIVE SOLUTION FOR A THIRD-ORDER THREE-POINT BVP WITH SIGN-CHANGING GREENS FUNCTION	LI, XL;SUN, JP;KONG, FD	ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS (30): - 2013	MATHEMATICS	82	LANZHOU UNIV TECHNOL, DEPT MATH APPL, LANZHOU 730050, GANSU, PEOPLES R CHINA	2013
39	TEMPLATE-FREE SYNTHESIS OF BI ₂ O ₂ CO ₃ HIERARCHICAL NANOTUBES SELF-ASSEMBLED FROM ORDERED NANOPATES FOR PROMISING PHOTOCATALYTIC APPLICATIONS	LI, LX;SUN, XF;XIAN, T;GAO, HJ;WANG, SF;YI, Z;WU, XW;YANG, H	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 24 (14): 8279-8295 APR 6 2022	CHEMISTRY	82	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;QINGHAI NORMAL UNIV, COLL PHYS & ELECT INFORMAT ENGN, XINING 810008, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, WANZHOU 404000, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022
40	RPA-CAS12A-FS: A FRONTLINE NUCLEIC ACID RAPID DETECTION SYSTEM FOR FOOD SAFETY BASED ON CRISPR-CAS12A COMBINED WITH RECOMBINASE POLYMERASE AMPLIFICATION	LIU, H;WANG, JB;ZENG, HJ;LIU, XF;JIANG, W;WANG, Y;OUYANG, WB;TANG, XM	FOOD CHEMISTRY 334: - JAN 1 2021	AGRICULTURAL SCIENCES	78	SHANGHAI ACAD AGR SCI, INST BIOTECHNOL RES, 2901 BEIDI RD, SHANGHAI 201106, PEOPLES R CHINA;KEY LAB AGR GENET & BREEDING, 2901 BEIDI RD, SHANGHAI 201106, PEOPLES R CHINA;MINIST AGR & RURAL AFFAIRS, CROPS ECOL ENVIRONM SECUR INSPECT & SUPERVIS CTR, 2901 BEIDI RD, SHANGHAI 201106, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH LIFE SCI & ENGN, LANZHOU 730050, PEOPLES R CHINA	2021

41	AN EXCELLENT Z-SCHEME AG2MOO4/Bi4Ti3O12 HETEROJUNCTION PHOTOCATALYST: CONSTRUCTION STRATEGY AND APPLICATION IN ENVIRONMENTAL PURIFICATION	CHENG, TT;GAO, HJ;SUN, XF;XIAN, T;WANG, SF;YI, Z;LIU, GR;WANG, XX;YANG, H	ADVANCED POWDER TECHNOLOGY 32 (3): 951-962 MAR 2021	CHEMISTRY	78	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;QINGHAI NORMAL UNIV, COLL PHYS & ELECT INFORMAT ENGN, XINING 810008, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, CHONGQING 404000, WANZHOU, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA	2021
42	COMPARATIVE INVESTIGATION ON SYNTHESIS, MORPHOLOGICAL TAILORING AND PHOTOCATALYTIC ACTIVITIES OF Bi2O2CO3 NANOSTRUCTURES	LI, LX;GAO, HJ;YI, Z;WANG, SF;WU, XW;LI, RS;YANG, H	COLLOIDS AND SURFACES A-PHYSICOCHEMIC AL AND ENGINEERING ASPECTS 644: - JUL 5 2022	CHEMISTRY	77	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, WANZHOU 404000, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022
43	MEMRISTIVE RULKOV NEURON MODEL WITH MAGNETIC INDUCTION EFFECTS	LI, KX;BAO, H;LI, HZ;MA, J;HUA, ZY;BAO, BC	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS 18 (3): 1726-1736 MAR 2022	ENGINEERING	77	CHANGZHOU UNIV, SCH MICROELECT & CONTROL ENGN, CHANGZHOU 213164, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;HARBIN INST TECHNOL, SCH COMP SCI & TECHNOL, SHENZHEN 518055, PEOPLES R CHINA	2022
44	FORMATION OF AUTAPSE CONNECTED TO NEURON AND ITS BIOLOGICAL FUNCTION	WANG, CN;GUO, SL;XU, Y;MA, J;TANG, J;ALZHRANI, F;HOBINY, A	COMPLEXITY : - 2017	MATHEMATICS	75	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;KING ABDULAZIZ UNIV, NAAM RES GRP, DEPT MATH, FAC SCI, POB 80203, JEDDAH 21589, SAUDI ARABIA;CHINA UNIV MIN & TECHNOL, COLL SCI, XUZHOU 221116, PEOPLES R CHINA	2017

45	A NEW NEURON MODEL UNDER ELECTROMAGNETIC FIELD	WU, FQ;MA, J;ZHANG, G	APPLIED MATHEMATICS AND COMPUTATION 347: 590-599 APR 15 2019	MATHEMATICS	74	TONGJI UNIV, SCH AEROSP ENGN & APPL MECH, SHANGHAI 200092, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019
46	POTENTIALLY SCALABLE FABRICATION OF SALT-REJECTION EVAPORATOR BASED ON ELECTROGENERATED POLYPYRROLE-COATED NICKEL FOAM FOR EFFICIENT SOLAR STEAM GENERATION	WANG, S;FAN, YK;WANG, F;SU, YN;ZHOU, X;ZHU, ZQ;SUN, HX;LIANG, WD;LI, A	DESALINATION 505: - JUN 1 2021	CHEMISTRY	74	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANGONGPING RD 287, LANZHOU 730050, PEOPLES R CHINA;ANKANG UNIV, DEPT CHEM & CHEM ENGN, ANKANG 725000, SHAANXI, PEOPLES R CHINA	2021
47	A CHAOTIC SYSTEM WITH DIFFERENT SHAPES OF EQUILIBRIA	PHAM, VT;JAFARI, S;WANG, X;MA, J	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS 26 (4): - APR 2016	MATHEMATICS	74	HANOI UNIV SCI & TECHNOL, SCH ELECT & TELECOMMUN, 01 DAI CO VIET, HANOI, VIETNAM;AMIRKABIR UNIV TECHNOL, DEPT BIOMED ENGN, TEHRAN 158754413, IRAN;SHENZHEN UNIV, INST ADV STUDY, SHENZHEN 518060, GUANGDONG, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2016
48	A PIEZOELECTRIC SENSING NEURON AND RESONANCE SYNCHRONIZATION BETWEEN AUDITORY NEURONS UNDER STIMULUS	ZHOU, P;YAO, Z;MA, J;ZHU, ZG	CHAOS SOLITONS & FRACTALS 145: - APR 2021	PHYSICS	73	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANGONGPING 287, LANZHOU 730050, PEOPLES R CHINA	2021
49	A COOPERATIVE WATER WAVE OPTIMIZATION ALGORITHM WITH REINFORCEMENT LEARNING FOR THE DISTRIBUTED ASSEMBLY NO-IDLE FLOWSHOP SCHEDULING PROBLEM	ZHAO, FQ;ZHANG, LX;CAO, J;TANG, JX	COMPUTERS & INDUSTRIAL ENGINEERING 153: - MAR 2021	COMPUTER SCIENCE	73	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA	2021

50	FRACTAL APPROACH TO MECHANICAL AND ELECTRICAL PROPERTIES OF GRAPHENE/SIC COMPOSITES	ZUO, YT;LIU, HJ	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING 19 (2): 271-284 2021	ENGINEERING	66	LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, LANZHOU, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU, PEOPLES R CHINA	2021
51	INCREASING CRYOSPHERIC HAZARDS IN A WARMING CLIMATE	DING, YJ;MU, CC;WU, TH;HU, GJ;ZOU, DF;WANG, D;LI, WP;WU, XD	EARTH-SCIENCE REVIEWS 213: - FEB 2021	GEOSCIENCES	60	CHINESE ACAD SCI, NORTHWEST INST ECOENVIRONM & RESOURCE, STATE KEY LAB CRYOSPHER SCI, CRYOSPHERE RES STN QINGHAI TIBETAN PLATEAU, LANZHOU 730000, GANSU, PEOPLES R CHINA;SOUTHERN MARINE SCI & ENGN GUANGDONG LAB GUANGZHO, GUANGZHOU 511458, PEOPLES R CHINA;LANZHOU UNIV, COLL EARTH & ENVIRONM SCI, KEY LAB WESTERN CHINAS ENVIRONM SYST, MINIST EDUC, LANZHOU 730000, PEOPLES R CHINA;CHINESE ACAD SCI, KEY LAB ECOHYDROL RIVER BASIN SCI, 320 WEST DONGGANG RD, LANZHOU 730000, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, 19 A YUQUAN RD, BEIJING 100049, PEOPLES R CHINA;UNIV COOPERAT POLAR RES, BEIJING 100875, PEOPLES R CHINA;SOUTHERN MARINE SCI & ENGN GUANGDONG LAB ZHUHAI, ZHUHAI 519000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH CIVIL ENGN, 287 LANGONGPING RD, LANZHOU 730050, PEOPLES R CHINA	2021
52	ELECTRICAL MODE TRANSITION OF HYBRID NEURONAL MODEL INDUCED BY EXTERNAL STIMULUS AND ELECTROMAGNETIC INDUCTION	LIU, Y;MA, J;XU, Y;JIA, Y	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS 29 (11): - OCT 2019	MATHEMATICS	59	CENT CHINA NORMAL UNIV, INST BIOPHYS, WUHAN 430079, HUBEI, PEOPLES R CHINA;CENT CHINA NORMAL UNIV, DEPT PHYS, WUHAN 430079, HUBEI, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, GANSU, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;KING ABDULAZIZ UNIV, FAC SCI, DEPT MATH, NAAM RES GRP, POB 80203, JEDDAH 21589, SAUDI ARABIA	2019

53	SIMULATION OF THE PRESENT AND FUTURE PROJECTION OF PERMAFROST ON THE QINGHAI-TIBET PLATEAU WITH STATISTICAL AND MACHINE LEARNING MODELS	NI, J;WU, TH;ZHU, XF;HU, GJ;ZOU, DF;WU, XD;LI, R;XIE, CW;QIAO, YP;PANG, QQ;HAO, JM;YANG, C	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 126 (2): - JAN 27 2021	GEOSCIENCES	59	CHINESE ACAD SCI, CRYOSPHERE RES STN QINGHAI TIBET PLATEAU, STATE KEY LAB CRYOSPHER SCI, NORTHWEST INST ECOENVIRONM & RESOURCES, LANZHOU, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, COLL RESOURCES & ENVIRONM, BEIJING, PEOPLES R CHINA;SOUTHERN MARINE SCI & ENGN GUANGDONG LAB, GUANGZHOU, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH CIVIL ENGN, LANZHOU, PEOPLES R CHINA	2021
54	PROGRESS IN CERAMIC MATERIALS AND STRUCTURE DESIGN TOWARD ADVANCED THERMAL BARRIER COATINGS	WEI, ZY;MENG, GH;CHEN, L;LI, GR;LIU, MJ;ZHANG, WX;ZHAO, LN;ZHANG, Q;ZHANG, XD;WAN, CL;	JOURNAL OF ADVANCED CERAMICS 11 (7): 985-1068 JUL 2022	MATERIALS SCIENCE	56	XI AN JIAO TONG UNIV, SCH MAT SCI & ENGN, STATE KEY LAB MECH BEHAV MAT, XIAN 710049, PEOPLES R CHINA;XI AN JIAO TONG UNIV, SCH AEROSP ENGN, DEPT ENGN MECH, STATE KEY LAB STRENGTH & VIBRAT MECH STRUCT, XIAN 710049, PEOPLES R CHINA;XIAN AEROSP COMPOSITE RES INST, XIAN 710025, PEOPLES R CHINA;AECC BEIJING INST AERONAUT MAT, BEIJING 100095, PEOPLES R CHINA;HARBIN INST TECHNOL, SCH MAT SCI & ENGN, HARBIN 150001, PEOPLES R CHINA; etc	2022
55	CHEMICAL AND ELECTRICAL SYNAPSE-MODULATED DYNAMICAL PROPERTIES OF COUPLED NEURONS UNDER MAGNETIC FLOW	MOSTAGHIMI, S;NAZARIMEHR, F;JAFARI, S;MA, J	APPLIED MATHEMATICS AND COMPUTATION 348: 42-56 MAY 1 2019	MATHEMATICS	54	AMIRKABIR UNIV TECHNOL, BIOMED ENGN DEPT, TEHRAN 158754413, IRAN;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU, GANSU, PEOPLES R CHINA	2019
56	LANDWEBER ITERATIVE METHOD FOR IDENTIFYING THE INITIAL VALUE PROBLEM OF THE TIME-SPACE FRACTIONAL DIFFUSION-WAVE EQUATION	YANG, F;ZHANG, Y;LI, XX	NUMERICAL ALGORITHMS 83 (4): 1509-1530 APR 2020	MATHEMATICS	43	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, GANSU, PEOPLES R CHINA	2020

57	HIGH SENSITIVITY ACTIVE ADJUSTABLE GRAPHENE ABSORBER FOR REFRACTIVE INDEX SENSING APPLICATIONS	SHANGGUAN, QY;ZHAO, Y;SONG, ZJ;WANG, J;YANG, H;CHEN, J;LIU, C;CHENG, SB;YANG, WX;YI, Z	DIAMOND AND RELATED MATERIALS 128: - OCT 2022	MATERIALS SCIENCE	42	YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, HUBEI, PEOPLES R CHINA;AVIAT KEY LAB SCI & TECHNOL ALTITUDE SIMULAT, MIANYANG 621700, PEOPLES R CHINA;TSINGHUA UNIV, DEPT ENGN MECH, BEIJING 100084, PEOPLES R CHINA;POLYCRYSTALLINE SILICON CO LTD, INNER MONGOLIA ERDOS, ERDOS 016064, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;NANJING UNIV POSTS & TELECOMMUN, COLL ELECT & OPT ENGN, NANJING 210023, PEOPLES R CHINA;NORTHEAST PETR UNIV, SCH PHYS & ELECT ENGN, DAQING 163318, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA	2022
58	HIGH EFFICIENCY TITANIUM OXIDES AND NITRIDES ULTRA-BROADBAND SOLAR ENERGY ABSORBER AND THERMAL EMITTER FROM 200 NM TO 2600 NM	ZHENG, Y;WU, PH;YANG, H;YI, Z;LUO, Y;LIU, L;SONG, Q;PAN, M;ZHANG, JG;CAI, PG	OPTICS AND LASER TECHNOLOGY 150: - JUN 2022	ENGINEERING	42	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, COLL PHYS & INFORMAT ENGN, QUANZHOU 362000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;JINZHONG UNIV, DEPT PHYS, JINZHONG 030619, PEOPLES R CHINA;ZHEJIANG UNIV TECHNOL, COLL SCI, DEPT APPL PHYS, HANGZHOU 310023, PEOPLES R CHINA	2022

59	ON THE DAMAGE TOLERANCE OF 3-D PRINTED MG-TI INTERPENETRATING-PHASE COMPOSITES WITH BIOINSPIRED ARCHITECTURES	ZHANG, MY;ZHAO, N;YU, Q;LIU, ZQ;QU, RT;ZHANG, J;LI, SJ;REN, DC;BERTO, F;ZHANG, ZF;RITCHIE, RO	NATURE COMMUNICATIONS 13 (1): - JUN 6 2022	MATERIALS SCIENCE	41	CHINESE ACAD SCI, SHI CHANGXU INNOVAT CTR ADV MAT, INST MET RES, SHENYANG 110016, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, SCH MAT SCI & ENGN, HEFEI 230026, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, LANZHOU 730050, PEOPLES R CHINA;UNIV CALIF BERKELEY, DEPT MAT SCI & ENGN, BERKELEY, CA 94720 USA;NORTHWESTERN POLYTECH UNIV, SCH MAT SCI & ENGN, STATE KEY LAB SOLIDIFICAT PROC, XIAN 710072, PEOPLES R CHINA;NORWEGIAN UNIV SCI & TECHNOL, DEPT MECH & IND ENGN, RICHARD BIRKELANDS VEI 2B, N-7034 TRONDHEIM, NORWAY	2022
60	MORPHOLOGY MODULATION OF HOLLOW-SHELL ZNS(OH)(6) FOR ENHANCED PHOTODEGRADATION OF METHYLENE BLUE	GU, YF;GUO, BB;YI, Z;WU, XW;ZHANG, J;YANG, H	COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS 653: - NOV 20 2022	CHEMISTRY	40	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022
61	PHASE SYNCHRONIZATION AND ENERGY BALANCE BETWEEN NEURONS	XIE, Y;YAO, Z;MA, J	FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING 23 (9): 1407-1420 SP. ISS. SI SEP 2022	COMPUTER SCIENCE	40	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2022

62	MERNRISTOR INITIAL-OFFSET BOOSTING IN MEMRISTIVE HR NEURON MODEL WITH HIDDEN FIRING PATTERNS	BAO, H;LIU, WB;MA, J;WU, HG	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS 30 (10): - AUG 2020	MATHEMATICS	39	NANJING UNIV AERONAUT & ASTRONAUT, COLL AUTOMAT ENGN, NANJING 210016, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHANGZHOU UNIV, SCH INFORMAT SCI & ENGN, CHANGZHOU 213164, PEOPLES R CHINA	2020
63	ENHANCED PHOTOCATALYTIC ACTIVITY, MECHANISM AND POTENTIAL APPLICATION OF I-DOPED-BI4TI3O12 PHOTOCATALYSTS	CHENG, T;MA, Q;GAO, H;MENG, S;LU, Z;WANG, S;YI, Z;WU, X;LIU, G;WANG, X;YANG, H	MATERIALS TODAY CHEMISTRY 23: - MAR 2022	MATERIALS SCIENCE	39	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;HENAN NORMAL UNIV, SCH PHYS, XINXIANG 453007, HENAN, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, CHONGQING 404000, WANZHOU, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022
64	THEORETICAL ANALYSIS ON THE LATERAL DRIFT OF PRECAST CONCRETE FRAME WITH REPLACEABLE ARTIFICIAL CONTROLLABLE PLASTIC HINGES	HUANG, H;LI, M;YUAN, YJ;BAI, H	JOURNAL OF BUILDING ENGINEERING 62: - DEC 15 2022	ENGINEERING	39	XIAN TECHNOL UNIV, SCH CIVIL & ARCHITECTURE ENGN, XIAN 710021, PEOPLES R CHINA;CHANGAN UNIV, SCH CIVIL ENGN, XIAN 710061, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH CIVIL ENGN, LANZHOU 730050, PEOPLES R CHINA	2022

65	ULTRA LONG INFRARED METAMATERIAL ABSORBER WITH HIGH ABSORPTION AND BROAD BAND BASED ON NANO CROSS SURROUNDING	LIANG, SR;XU, F;YANG, H;CHENG, SB;YANG, WX;YI, Z;SONG, Q;WU, PH;CHEN, J;TANG, CJ	OPTICS AND LASER TECHNOLOGY 158: - PART A FEB 2023	ENGINEERING	38	YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, HUBEI, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, COLL CHEM ENGN & MAT SCI, QUANZHOU 362000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, RES CTR PHOTON TECHNOL, FUJIAN PROV KEY LAB ADV MICRONANO PHOTON TECHNOL &, QUANZHOU 362000, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, KEY LAB INFORMAT FUNCT MAT FUJIAN HIGHER EDUC, QUANZHOU 362000, PEOPLES R CHINA;NANJING UNIV POSTS & TELECOMMUN, COLL ELECT & OPT ENGN, NANJING 210023, PEOPLES R CHINA;ZHEJIANG UNIV TECHNOL, COLL SCI, HANGZHOU 310023, PEOPLES R CHINA	2023
66	HOW TO WAKE UP THE ELECTRIC SYNAPSE COUPLING BETWEEN NEURONS?	ZHOU, P;ZHANG, XF;MA, J	NONLINEAR DYNAMICS 108 (2): 1681-1695 APR 2022	ENGINEERING	33	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2022
67	SYNTHESIS OF A SELF-ASSEMBLED DUAL MORPHOLOGIES AG-NPS/SRMOO4 PHOTOCATALYST WITH LSPR EFFECT FOR THE DEGRADATION OF METHYLENE BLUE DYE	GU, YF;GUO, BB;YI, Z;WU, XW;ZHANG, J;YANG, H	CHEMISTRYSELECT 7 (29): - AUG 5 2022	CHEMISTRY	31	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2022

68	RECENT PROGRESS ON BIOMASS WASTE DERIVED ACTIVATED CARBON ELECTRODE MATERIALS FOR SUPERCAPACITORS APPLICATIONS-A REVIEW	MANASA, P;SAMBASIVAM, S;RAN, F	JOURNAL OF ENERGY STORAGE 54: - OCT 2022	ENGINEERING	31	LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;UNITED ARAB EMIRATES UNIV, NATL WATER & ENERGY CTR, AL AIN 15551, U ARAB EMIRATES	2022
69	TUNABLE BROADBAND ABSORBER BASED ON A LAYERED RESONANT STRUCTURE WITH A DIRAC SEMIMETAL	LI, WX;MA, J;ZHANG, HF;CHENG, SB;YANG, WX;YI, Z;YANG, H;ZHANG, JG;WU, XW;WU, PH	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 25 (12): 8489-8496 MAR 22 2023	CHEMISTRY	31	YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, HUBEI, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, STATE KEY LAB ENVIRONMENTFRIENDLY ENERGY MAT, KEY LAB MFG PROC TESTING TECHNOL,MINIST EDUC, MIANYANG 621010, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;JINZHONG UNIV, DEPT PHYS, JINZHONG 030619, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, FUJIAN PROV KEY LAB ADV MICRONANO PHOTON TECHNOL &, QUANZHOU 362000, PEOPLES R CHINA	2023
70	ELECTROCHEMICAL PERFORMANCE OF POLYANILINE-COATED GAMMA-MNO2 ON CARBON CLOTH AS FLEXIBLE ELECTRODE FOR SUPERCAPACITOR	ZHU, YQ;XU, H;CHEN, PD;BAO, YH;JIANG, XD;CHEN, Y	ELECTROCHIMICA ACTA 413: - MAY 1 2022	CHEMISTRY	31	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANZHOU, PEOPLES R CHINA;KEY LAB LOW CARBON ENERGY & CHEM ENGN GANSU PROV, LANZHOU, PEOPLES R CHINA	2022
71	BIOPHYSICAL NEURONS, ENERGY, AND SYNAPSE CONTROLLABILITY: A REVIEW	MA, J	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENC E A 24 (2): 109-129 FEB 2023	ENGINEERING	29	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2023

72	A HYPERHEURISTIC WITH Q-LEARNING FOR THE MULTIOBJECTIVE ENERGY-EFFICIENT DISTRIBUTED BLOCKING FLOW SHOP SCHEDULING PROBLEM	ZHAO, FQ;DI, SL;WANG, L	IEEE TRANSACTIONS ON CYBERNETICS 53 (5): 3337-3350 MAY 2023	COMPUTER SCIENCE	28	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2023
73	HIGH CONFIDENCE PLASMONIC SENSOR BASED ON PHOTONIC CRYSTAL FIBERS WITH A U-SHAPED DETECTION CHANNEL	ZHU, WL;YI, YT;YI, Z;BIAN, L;YANG, H;ZHANG, JG;YU, Y;LIU, C;LI, GF;WU, XW	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 25 (12): 8583-8591 MAR 22 2023	CHEMISTRY	26	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, KEY LAB MFG PROC TESTINGTECHNOL, STATE KEY LAB ENVIRONM FRIENDLY ENERGY MAT,MINIST, MIANYANG 621010, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;JINZHONG UNIV, DEPT PHYS, JINZHONG 030619, PEOPLES R CHINA;NATL UNIV DEF TECHNOL, COLL LIBERAL ARTS & SCI, HUNAN PROV KEY LAB NOVEL NANOOPTOELECT INFORMAT MA, CHANGSHA 410073, PEOPLES R CHINA;NORTHEAST PETR UNIV, SCH PHYS & ELECT ENGN, DAQING 163318, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA;WUHAN UNIV SCI & TECHNOL, HUBEI KEY LAB MECH TRANSMISS & MFG ENGN, WUHAN 430081, PEOPLES R CHINA	2023
74	ACTIVE TUNABLE TERAHERTZ BANDWIDTH ABSORBER BASED ON SINGLE LAYER GRAPHENE	LI, WX;YI, YT;YANG, H;CHENG, SB;YANG, WX;ZHANG, HF;YI, Z;YI, YG;LI, HL	COMMUNICATIONS IN THEORETICAL PHYSICS 75 (4): - APR 1 2023	PHYSICS	26	YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, PEOPLES R CHINA;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;CHINESE ACAD SCI, INST MICROELECT, KEY LAB MICROELECT DEVICES & INTEGRATED TECHNOL, BEIJING 100029, PEOPLES R CHINA	2023

75	A NOVEL PHOTOLUMINESCENCE PHENOMENON IN A SRMOO4/SRWO4 MICRO/NANO HETEROJUNCTION PHOSPHORS OBTAINED BY THE POLYACRYLAMIDE GEL METHOD COMBINED WITH LOW TEMPERATURE CALCINATION TECHNOLOGY	GAO, HJ;YU, C;WANG, Y;WANG, SF;YANG, H;WANG, F;TANG, SN;YI, Z;LI, DF	JOURNAL OF LUMINESCENCE 243: - MAR 2022	PHYSICS	24	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MED, LANZHOU 730050, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, CHONGQING 404000, WANZHOU, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, CHONGQING KEY LAB GEOL ENVIRONM MONITORING & DISA, CHONGQING 404000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;	2022
76	EXPERIMENTAL RESEARCH ON THE SEISMIC PERFORMANCE OF PRECAST CONCRETE FRAME WITH REPLACEABLE ARTIFICIAL CONTROLLABLE PLASTIC HINGES	HUANG, H;LI, M;YUAN, YJ;BAI, H	JOURNAL OF STRUCTURAL ENGINEERING 149 (1): - JAN 1 2023	ENGINEERING	18	XIAN TECHNOL UNIV, SCH CIVIL & ARCHITECTURE ENGN, XIAN 710061, PEOPLES R CHINA;CHANGAN UNIV, SCH CIVIL ENGN, XIAN 710061, PEOPLES R CHINA;CHANGAN UNIV, MASTER SCH CIVIL ENGN, XIAN 710061, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH CIVIL ENGN, LANZHOU 730050, PEOPLES R CHINA	2023
77	A REINFORCEMENT LEARNING DRIVEN COOPERATIVE META-HEURISTIC ALGORITHM FOR ENERGY-EFFICIENT DISTRIBUTED NO-WAIT FLOW-SHOP SCHEDULING WITH SEQUENCE-DEPENDENT SETUP TIME	ZHAO, FQ;JIANG, T;WANG, L	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS 19 (7): 8427-8440 JUL 2023	ENGINEERING	14	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA	2023
78	ESTIMATION OF THE EFFECT OF MAGNETIC FIELD ON A MEMRISTIVE NEURON	WU, FQ;HU, XK;MA, J	APPLIED MATHEMATICS AND COMPUTATION 432: - NOV 1 2022	MATHEMATICS	13	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2022

79	A POPULATION-BASED ITERATED GREEDY ALGORITHM FOR DISTRIBUTED ASSEMBLY NO-WAIT FLOW-SHOP SCHEDULING PROBLEM	ZHAO, FQ;XU, ZS;WANG, L;ZHU, NN;XU, TP;JONRINALDI, J	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS 19 (5): 6692-6705 MAY 2023	ENGINEERING	13	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA;UNIV ANDALAS, DEPT IND ENGN, PADANG 25163, INDONESIA	2023
80	FORMATION OF LOCAL HETEROGENEITY UNDER ENERGY COLLECTION IN NEURAL NETWORKS	XIE, Y;YAO, Z;MA, J	SCIENCE CHINA-TECHNOLOGICAL SCIENCES 66 (2): 439-455 SP. ISS. SI FEB 2023	ENGINEERING	12	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CENT SOUTH UNIV, SCH PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2023
81	CTAB-ASSISTED SYNTHESIS OF BI2MOO6 HIERARCHICAL MICROSPHERE AND ITS APPLICATION AS A NOVEL EFFICIENT AND RECYCLABLE ADSORBENT IN REMOVING ORGANIC POLLUTANTS	CHEN, CL;MA, JY;WANG, Y;YI, Z;WANG, SF;GAO, HJ;WU, XW;LIU, GR;YANG, H	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS 656: - PART A JAN 5 2023	CHEMISTRY	12	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, CHONGQING 404000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	2023
82	A MEMRISTIVE NEURON AND ITS ADAPTABILITY TO EXTERNAL ELECTRIC FIELD	YANG, FF;XU, Y;MA, J	CHAOS 33 (2): - FEB 2023	PHYSICS	9	LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, PEOPLES R CHINA;SHANDONG NORMAL UNIV, SCH MATH & STAT, JINAN 250014, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 400065, PEOPLES R CHINA	2023

83	CREATION OF HETEROGENEITY OR DEFECTS IN A MEMRISTIVE NEURAL NETWORK UNDER ENERGY FLOW	YANG, FF;WANG, Y;MA, J	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION 119: - MAY 2023	PHYSICS	8	LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, PEOPLES R CHINA;SHAANXI NORMAL UNIV, SCH PHYS & INFORMAT TECHNOL, XIAN 710062, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2023
84	DIFFUSIVE FIELD COUPLING-INDUCED SYNCHRONIZATION BETWEEN NEURAL CIRCUITS UNDER ENERGY BALANCE	WANG, Y;SUN, GP;REN, GD	CHINESE PHYSICS B 32 (4): - MAR 1 2023	PHYSICS	8	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;SHAANXI NORMAL UNIV, SCH PHYS & INFORMAT TECHNOL, XIAN 710062, PEOPLES R CHINA	2023
85	MEASURED VISCOSITY CHARACTERISTICS OF FE3O4 FERROFLUID IN MAGNETIC AND THERMAL FIELDS	LI, WX;LI, ZG;HAN, W;LI, YB;YAN, SN;ZHAO, Q;CHEN, F	PHYSICS OF FLUIDS 35 (1): - JAN 2023	PHYSICS	8	LANZHOU UNIV TECHNOL, SCH ENERGY & POWER ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;XIHUA UNIV, MINIST EDUC, KEY LAB FLUID & POWER MACHINERY, CHENGDU 610039, SICHUAN, PEOPLES R CHINA	2023
86	KEY APPROACHES AND CHALLENGES IN FABRICATING ADVANCED FLEXIBLE ZINC-ION BATTERIES WITH FUNCTIONAL HYDROGEL ELECTROLYTES	LI, XY;WANG, DH;RAN, F	ENERGY STORAGE MATERIALS 56: 351-393 FEB 2023	MATERIALS SCIENCE	7	LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, DEPT POLYMER MAT ENGN, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, GANSU, PEOPLES R CHINA	2023
87	THEORETICAL STUDY OF SURFACE PLASMONIC REFRACTIVE INDEX SENSING BASED ON GOLD NANO-CROSS ARRAY AND GOLD NANOFILM	CHEN, HW;WANG, XX;ZHANG, J;RAO, XJ;YANG, H;QI, YP;TANG, CJ	PHYSICA B-CONDENSED MATTER 655: - APR 15 2023	PHYSICS	7	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;NORTHWEST NORMAL UNIV, COLL PHYS & ELECT ENGN, LANZHOU 730070, PEOPLES R CHINA;ZHEJIANG UNIV TECHNOL, SCH SCI, HANGZHOU 310023, PEOPLES R CHINA	2023

88	ACTIVE THERMALLY TUNABLE AND HIGHLY SENSITIVE TERAHERTZ SMART WINDOWS BASED ON THE COMBINATION OF A METAMATERIAL AND PHASE CHANGE MATERIAL	ZHENG, ZP;ZHAO, WC;YI, Z;BIAN, L;YANG, H;CHENG, SB;LI, GF;ZENG, LC;LI, HL;JIANG, PP	DALTON TRANSACTIONS 52 (24): 8294-8301 JUN 20 2023	CHEMISTRY	7	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;HUZHOU COLL, SCH ELECT INFORMAT, DEPT ELECT, HUZHOU 313000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;YANGTZE UNIV, SCH PHYS & OPTOELECT ENGN, JINGZHOU 434023, HUBEI, PEOPLES R CHINA;WUHAN UNIV SCI & TECHNOL, HUBEI KEY LAB MECH TRANSMISS & MFG ENGN, WUHAN 430081, PEOPLES R CHINA;	2023
89	ENERGY ENCODING IN A BIOPHYSICAL NEURON AND ADAPTIVE ENERGY BALANCE UNDER FIELD COUPLING	SUN, GP;YANG, FF;REN, GD;WANG, CN	CHAOS SOLITONS & FRACTALS 169: - APR 2023	PHYSICS	6	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, PEOPLES R CHINA	2023
90	PUMPING-VELOCITY VARIATION MECHANISMS OF A FERROFLUID MICROPUMP AND STRUCTURAL OPTIMIZATION FOR REFLOW INHIBITION	LI, WX;LI, ZG;HAN, W;LI, YB;YAN, SN;ZHAO, Q;GU, ZY	PHYSICS OF FLUIDS 35 (5): - MAY 2023	PHYSICS	6	LANZHOU UNIV TECHNOL, SCH ENERGY & POWER ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;XIHUA UNIV, KEY LAB FLUID & POWER MACHINERY, MINIST EDUC, CHENGDU 610039, SICHUAN, PEOPLES R CHINA	2023
91	PHASE SYNCHRONIZATION BETWEEN NEURONS UNDER NONLINEAR COUPLING VIA HYBRID SYNAPSE	ZHOU, P;MA, J;XU, Y	CHAOS SOLITONS & FRACTALS 169: - APR 2023	PHYSICS	5	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;SHANDONG NORMAL UNIV, SCH MATH & STAT, JINAN 250014, PEOPLES R CHINA	2023
92	ESTIMATE PHYSICAL RELIABILITY IN HINDMARSH-ROSE NEURON	XIE, Y;YAO, Z;REN, GD;MA, J	PHYSICS LETTERS A 464: - MAR 15 2023	PHYSICS	5	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CENT SOUTH UNIV, SCH PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SNENCE, CHONGQING 430065, PEOPLES R CHINA	2023

2、热点论文

序号	文章标题	作者	来源出版物	所属学科	被引次数	地址	出版年
1	THEORETICAL ANALYSIS ON THE LATERAL DRIFT OF PRECAST CONCRETE FRAME WITH REPLACEABLE ARTIFICIAL CONTROLLABLE PLASTIC HINGES	HUANG, H;LI, M;YUAN, YJ;BAI, H	JOURNAL OF BUILDING ENGINEERING 62: - DEC 15 2022	ENGINEERING	39	XIAN TECHNOL UNIV, SCH CIVIL & ARCHITECTURE ENGN, XIAN 710021, PEOPLES R CHINA;CHANGAN UNIV, SCH CIVIL ENGN, XIAN 710061, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH CIVIL ENGN, LANZHOU 730050, PEOPLES R CHINA	2022
2	A POPULATION-BASED ITERATED GREEDY ALGORITHM FOR DISTRIBUTED ASSEMBLY NO-WAIT FLOW-SHOP SCHEDULING PROBLEM	ZHAO, FQ;XU, ZS;WANG, L;ZHU, NN;XU, TP;JONRINALDI, J	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS 19 (5): 6692-6705 MAY 2023	ENGINEERING	13	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA;UNIV ANDALAS, DEPT IND ENGN, PADANG 25163, INDONESIA	2023

三、学科数据走势

表 1 兰州理工大学 ESI 材料科学数据走势

更新时间	数据覆盖范围	材料科学 文章数量	总被引频 次	世界排名	全球进入 机构总数	中国大陆 排名	中国进入 机构总数	高被引论 文数量	热点论文 数量
2023 年 1 月	2012 年 1 月—2022 年 10 月	2409	29615	462	1226	--	---	11	0
2023 年 3 月	2012 年 1 月—2022 年 12 月	2494	31438	457	1260	--	--	8	0
2023 年 5 月	2013 年 1 月—2023 年 2 月	2527	32266	440	1253	--	--	10	1
2023 年 7 月	2013 年 1 月—2023 年 4 月	2630	34136	438	1289	--	--	10	2
2023 年 9 月	2013 年 1 月—2023 年 6 月	2718	36273	428	1322	--	--	10	1
2023 年 11 月	2013 年 1 月—2023 年 8 月	2764	37284	423	1342	117	297	10	0

表 2 兰州理工大学 ESI 化学数据走势

更新时间	数据覆盖范围	化学文章 数量	总被引频 次	世界排名	进入机构 总数	中国大陆 排名	中国进入 机构总数	高被引论 文数量	热点论文 数量
2023 年 1 月	2012 年 1 月—2022 年 10 月	1276	16456	1101	1702	--	---	14	6
2023 年 3 月	2012 年 1 月—2022 年 12 月	1310	17498	1071	1749	--	--	15	9
2023 年 5 月	2013 年 1 月—2023 年 2 月	1308	17201	1033	1734	--	--	17	6
2023 年 7 月	2013 年 1 月—2023 年 4 月	1337	18058	1028	1781	--	--	17	4

2023年9月	2013年1月—2023年6月	1385	19054	1021	1821	--	--	19	5
2023年11月	2013年1月—2023年8月	1413	19575	1018	1854	206	348	20	0

表3 兰州理工大学 ESI 工程学数据走势

更新时间	数据覆盖范围	工程学文章数量	总被引频次	世界排名	进入机构总数	中国大陆排名	中国进入机构总数	高被引论文数量	热点论文数量
2023年1月	2012年1月—2022年10月	1670	14552	758	2135	--	---	16	0
2023年3月	2012年1月—2022年12月	1769	15688	751	2189	--	--	16	1
2023年5月	2013年1月—2023年2月	1847	16185	719	2179	--	--	18	1
2023年7月	2013年1月—2023年4月	1935	17338	706	2242	--	--	17	1
2023年9月	2013年1月—2023年6月	2038	18834	690	2303	--	--	20	2
2023年11月	2013年1月—2023年8月	2108	19554	681	2336	138	419	23	2