

# 兰州理工大学 ESI 统计报告

(2024 年 1 月)

兰州理工大学图书馆

2024 年 1 月

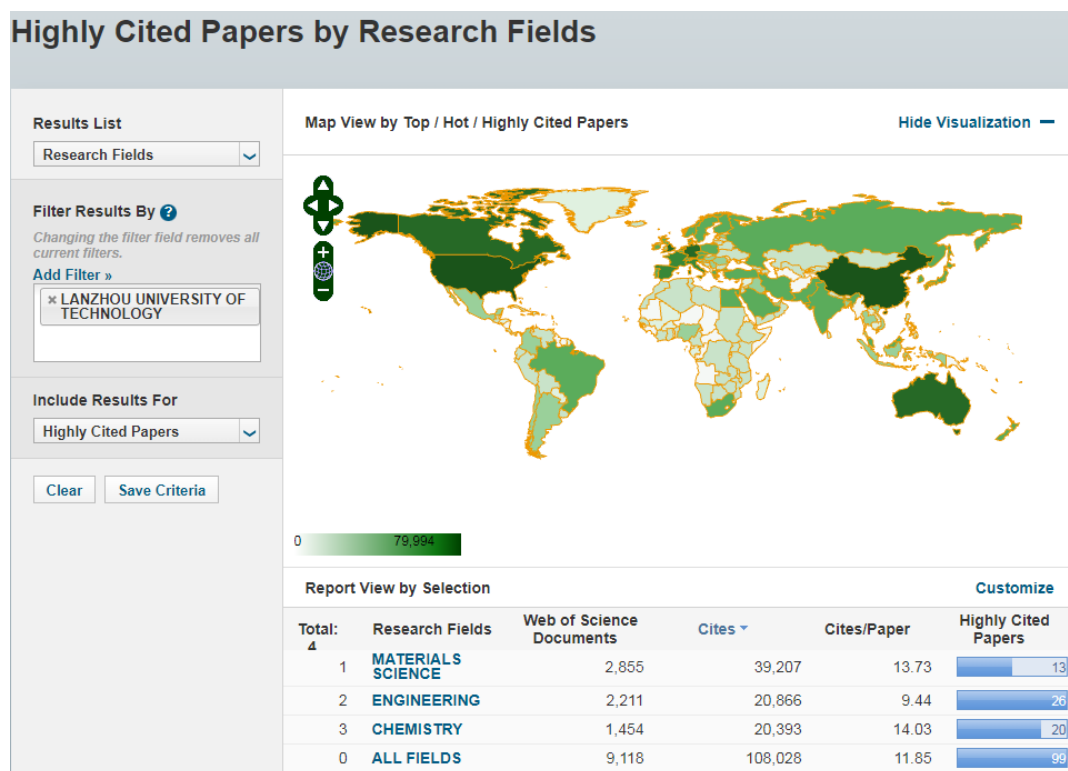
## 一、兰州理工大学 ESI 学科最新数据

据检索科睿唯安基本科学指标数据库 ESI (Essential Science Indicators, 2024 年 1 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)、工程学(Engineering)、化学(Chemistry)。

材料科学近十年(2013 年 1 月 1 日-2023 年 10 月 30 日)一共发表 2855 篇 ESI 论文, 总被引频次 39207 次, 有 13 篇高被引论文。全球共有 1370 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 417 名, 中国大陆共有 304 所机构入围, 我校排名第 117 名。

工程学近十年(2013 年 1 月 1 日-2023 年 10 月 30 日)一共发表 2211 篇 ESI 论文, 总被引频次 20866 次, 有 26 篇高被引论文, 2 篇热点论文。全球共有 2390 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 676 名, 中国大陆共有 430 所机构入围, 我校排名第 140 名。

化学近十年(2013 年 1 月 1 日-2023 年 10 月 30 日)一共发表 1454 篇 ESI 论文, 总被引频次 20393 次, 有 20 篇高被引论文, 1 篇热点论文。全球共有 1891 所机构的化学学科进入 ESI 学科世界排名前 1%, 我校排名第 1017 名, 中国大陆共有 349 所机构入围, 我校排名第 207 名。



ESI 数据库 2024 年 1 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	518	SOUTHERN UNIV SCI & TECHNOL, SCH ENVIRONM SCI & ENGN, GUANGDONG PROV KEY LAB SOIL & GROUNDWATER POLLUT,	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	378	CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, LAB CLEAN ENERGY CHEM & MAT, LANZHOU 730000, 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	351	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2016
4	SUPERWETTING MONOLITHIC HOLLOW-CARBON-NANOTUBES AEROGELS WITH HIERARCHICALLY NANOPOROUS	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	318	LANZHOU UNIV TECHNOL, COLL PETROCHEM ENGN, DEPT CHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019

	STRUCTURE FOR EFFICIENT SOLAR STEAM GENERATION						
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	304	LANZHOU UNIV, SCH PUBL HLTH, INST OCCUPAT HLTH & ENVIRONM HLTH, LANZHOU 730000, GANSU, PEOPLES R	2020
6	A REVIEW FOR DYNAMICS IN NEURON AND NEURONAL NETWORK	MA, J;TANG, J	NONLINEAR DYNAMICS 89 (3): 1569-1578 AUG 2017	ENGINEERING	299	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,	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	265	CHINESE ACAD SCI, INST MET RES, SHENYANG NATL LAB MAT SCI, WENHUA RD 72, SHENYANG 110016,	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;	ENERGY & ENVIRONMENTAL SCIENCE 11 (11): 3212-3219 NOV 2018	ENVIRONMENT/ECOLOGY	253	CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, LAB CLEAN ENERGY CHEM & MAT, STATE KEY LAB SOLID LUBRICAT,	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	233	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	228	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,	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	206	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;	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	199	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	180	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA	2021

14	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	170	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,	2020
15	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	165	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;	2020
16	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	165	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;	2020
17	PREPARATION OF CORE-SHELL HETEROJUNCTION PHOTOCATALYSTS BY COATING CDS NANOPARTICLES ONTO BI<SUB>4</SUB>TI<SUB>3</SUB>>O<SUB>12</SUB> HIERARCHICAL MICROSPHERES	CHENG, TT;GAO, HJ;LIU, GR;PU, ZS;WANG, SF;YI, Z;WU, XW;YANG, H	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS 633: - PART 2 JAN 20 2022	CHEMISTRY	164	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	2022

	AND THEIR PHOTOCATALYTIC REMOVAL OF ORGANIC POLLUTANTS AND CR(VI) IONS					CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	
18	THERMAL TUNING OF TERAHERTZ METAMATERIAL ABSORBER PROPERTIES BASED ON VO<SUB>2</SUB>	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	161	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,	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;GUI, LC;GUO, FK;HAN, CD;HE, J;HOU, TJ;HUANG, HX;HUANG, Y;KUMERICKI, K;KAPTARI, LP;LI, DM;LI, HN;LI, MX;LI, XQ;LIANG, YT;LIANG, ZT;LIU, C;LIU, C;LIU, G;LIU, J;LIU, LM;LIU,	FRONTIERS OF PHYSICS 16 (6): - DEC 2021	PHYSICS	157	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	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	MATHEMATIC S	153	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;KING ABDULAZIZ UNIV,	2017

						FAC SCI, DEPT MATH, NAAM RES GRP, POB 80203, JEDDAH 21589, SAUDI ARABIA;QUAID I AZAM UNIV, DEPT MATH, ISLAMABAD 44000, PAKISTAN	
21	HIGH-STRENGTH AND HIGH-DUCTILITY ALCOCRFENI<SUB>2.1</SUB> EUTECTIC HIGH-ENTROPY ALLOY ACHIEVED VIA PRECIPITATION STRENGTHENING IN A HETEROGENEOUS STRUCTURE	XIONG, T;ZHENG, SJ;PANG, JY;MA, XL	SCRIPTA MATERIALIA 186: 336- 340 SEP 2020	MATERIALS SCIENCE	145	CHINESE ACAD SCI, INST MET RES, SHENYANG NATL LAB MAT SCI, 72 WENHUA RD, SHENYANG 110016, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, SCH MAT SCI & ENGN, HEFEI 230026, PEOPLES R CHINA;HEBEI UNIV TECHNOL, STATE KEY LAB RELIABIL & INTELLIGENCE ELECT EQUIP, TIANJIN 300130, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, LANZHOU 730050, PEOPLES R CHINA	2020
22	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	144	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	2021



						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	
23	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	133	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANGONGPING RD 287, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019
24	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	132	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
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	129	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 &	2022

						ENGN, CHENGDU 610054, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET,	
26	CLARIFY THE PHYSICAL PROCESS FOR FRACTIONAL DYNAMICAL SYSTEMS	ZHOU, P;MA, J;TANG, J	NONLINEAR DYNAMICS 100 (3): 2353-2364 MAY 2020	ENGINEERING	124	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
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	121	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA	2020
28	A PHYSICAL VIEW OF COMPUTATIONAL NEURODYNAMICS	MA, J;YANG, ZQ;YANG, LJ;TANG, J	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A 20 (9): 639-659 SEP 2019	ENGINEERING	121	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, GANSU, PEOPLES R CHINA;BEIHANG UNIV, SCH MATH & SYST SCI, BEIJING 100191, PEOPLES R CHINA;CENT CHINA NORMAL UNIV, DEPT PHYS, WUHAN 430079, HUBEI, PEOPLES R CHINA;CHINA UNIV MIN & TECHNOL, SCH PHYS, XUZHOU 221116, JIANGSU, PEOPLES R CHINA	2019
29	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	120	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	2020

						GANSU ADV CONTROL IND PROC, LANZHOU 730050, PEOPLES R CHINA;LANZHOU UNIV TECHNOL	
30	A THEORETICAL STUDY OF A PLASMONIC SENSOR COMPRISING A GOLD NANO-DISK ARRAY ON GOLD FILM WITH A $\text{SiO}_2$ 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	119	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
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	114	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2021
32	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	114	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
33	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	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 117: - SP. ISS. SI MAR 2020	PHYSICS	110	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,	2020

						LANZHOU 730050, GANSU, PEOPLES R CHINA;SICHUAN CIVIL MIL INTEGRAT INST, MIANYANG 621010,	
34	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	108	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	2020
35	<P>SYNTHESIS OF CARNATION FLOWER-LIKE BI<SUB>2</SUB>O<SUB>2</SUB>>CO<SUB>3</SUB>> 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	108	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
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	100	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	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	99	LANZHOU UNIV TECHNOL, DEPT CHEM ENGN, COLL PETROCHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2020
38	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
39	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	98	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
40	CYCLIC STABILITY OF SUPERCAPACITORS: MATERIALS, ENERGY STORAGE MECHANISM, TEST METHODS, AND DEVICE	WU, QH;HE, TQ;ZHANG, YK;ZHANG, JL;WANG, ZJ;LIU, Y;ZHAO, L;WU, YZ;RAN, F	JOURNAL OF MATERIALS CHEMISTRY A 9 (43): 24094-24147 NOV 9 2021	MATERIALS SCIENCE	92	LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA	2021

41	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	88	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
42	TEMPLATE-FREE SYNTHESIS OF BI <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> 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	85	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	2022
43	DESIGN OF TERNARY CATIO <sub>3</sub> /G-C <sub>3</sub> /N <sub>4</sub> /AGBR Z-SCHEME HETEROSTRUCTURED PHOTOCATALYSTS AND THEIR APPLICATION FOR DYE PHOTODEGRADATION	YAN, YX;YANG, H;YI, Z;LI, RS;XIAN, T	SOLID STATE SCIENCES 100: - FEB 2020	PHYSICS	85	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;	2020
44	RPA-CAS12A-FS: A FRONTLINE NUCLEIC ACID RAPID DETECTION SYSTEM FOR FOOD SAFETY BASED ON CRISPR-CAS12A	LIU, H;WANG, JB;ZENG, HJ;LIU, XF;JIANG, W;WANG, Y;OUYANG, WB;TANG, XM	FOOD CHEMISTRY 334: - JAN 1 2021	AGRICULTURAL SCIENCES	84	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	2021

	COMBINED WITH RECOMBINASE POLYMERASE AMPLIFICATION					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	
45	AN EXCELLENT Z-SCHEME AG<SUB>2</SUB>MOO<SUB>4< /SUB>/BI<SUB>4</SUB>TI<SUB> 3</SUB>O<SUB>12</SUB> 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	83	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	2021
46	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	81	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA	2021
47	COMPARATIVE INVESTIGATION ON SYNTHESIS, MORPHOLOGICAL TAILORING AND PHOTOCATALYTIC ACTIVITIES OF	LI, LX;GAO, HJ;YI, Z;WANG, SF;WU, XW;LI, RS;YANG, H	COLLOIDS AND SURFACES A- PHYSICOCHEMICAL AND ENGINEERING ASPECTS 644: - JUL 5 2022	CHEMISTRY	81	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,	2022

	BI<SUB>2</SUB>O<SUB>2</SUB> >CO<SUB>3</SUB> NANOSTRUCTURES					PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT & INFORMAT ENGN, WANZHOU 404000, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN	
48	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	80	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
49	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	MATHEMATIC S	77	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;	2017
50	A NEW NEURON MODEL UNDER ELECTROMAGNETIC FIELD	WU, FQ;MA, J;ZHANG, G	APPLIED MATHEMATICS AND COMPUTATION 347: 590-599 APR 15 2019	MATHEMATIC S	76	TONGJI UNIV, SCH AEROSP ENGN & APPL MECH, SHANGHAI 200092, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019
51	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;QU, ZX;CHEN, L;FENG, J;LIU, L;DONG, H;BAO, ZB;ZHAO, XF;ZHANG, XF;GUO, L;WANG,	JOURNAL OF ADVANCED CERAMICS 11 (7): 985-1068 JUL 2022	MATERIALS SCIENCE	75	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;	2022



		L;CHENG, B;ZHANG, WW;XU, PY;YANG, GJ;CAI, HN;CUI, H;WANG, Y;YE, FX;MA, Z;PAN, W;LIU, M;ZHOU, KS;LI, CJ					
52	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	74	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANGONGPING 287, LANZHOU 730050, PEOPLES R CHINA	2021
53	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	MATHEMATIC S	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
54	A SELF-LEARNING DISCRETE JAYA ALGORITHM FOR MULTIOBJECTIVE ENERGY-EFFICIENT DISTRIBUTED NO-IDLE FLOW-SHOP SCHEDULING PROBLEM IN HETEROGENEOUS FACTORY SYSTEM	ZHAO, FQ;MA, R;WANG, L	IEEE TRANSACTIONS ON CYBERNETICS 52 (12): 12675-12686 DEC 2022	COMPUTER SCIENCE	73	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2022

55	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	70	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
56	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	66	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	2021
57	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	66	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	2021
58	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	MATHEMATIC S	65	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	2019
59	CHEMICAL AND ELECTRICAL SYNAPSE-MODULATED DYNAMICAL PROPERTIES OF	MOSTAGHIMI, S;NAZARIMEHR, F;JAFARI, S;MA, J	APPLIED MATHEMATICS AND COMPUTATION 348: 42-56 MAY 1 2019	MATHEMATIC S	54	AMIRKABIR UNIV TECHNOL, BIOMED ENGN DEPT, TEHRAN 158754413, IRAN;LANZHOU UNIV	2019

	COUPLED NEURONS UNDER MAGNETIC FLOW					TECHNOL, DEPT PHYS, LANZHOU, GANSU, PEOPLES R CHINA	
60	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	53	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
61	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	47	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	2022
62	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	45	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	2022
63	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	44	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	2022

						UNIV, DEPT ENGN MECH, BEIJING 100084, PEOPLES R CHINA	
64	ENHANCED PHOTOCATALYTIC ACTIVITY, MECHANISM AND POTENTIAL APPLICATION OF I<SUB>DOPED</SUB>-BI<SUB>4</SUB>TI<SUB>3</SUB>O<SUB>12</SUB> 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	44	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	2022
65	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	MATHEMATIC S	44	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
66	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	MATHEMATIC S	44	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, GANSU, PEOPLES R CHINA	2020
67	A HYPERHEURISTIC WITH Q-LEARNING FOR THE MULTIOBJECTIVE ENERGY-EFFICIENT DISTRIBUTED	ZHAO, FQ;DI, SL;WANG, L	IEEE TRANSACTIONS ON CYBERNETICS 53 (5): 3337-3350 MAY 2023	COMPUTER SCIENCE	44	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2023

	BLOCKING FLOW SHOP SCHEDULING PROBLEM						
68	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	43	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	2023
69	BIOPHYSICAL NEURONS, ENERGY, AND SYNAPSE CONTROLLABILITY: A REVIEW	MA, J	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A 24 (2): 109-129 FEB 2023	ENGINEERING	43	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2023
70	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	43	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2022
71	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	41	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
72	MORPHOLOGY MODULATION OF HOLLOW-SHELL ZNSN(OH) <sub>6</sub> FOR ENHANCED	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	41	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	2022

	PHOTODEGRADATION OF METHYLENE BLUE					PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM & CHEM ENGN, JISHOU 416000, PEOPLES R CHINA	
73	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	37	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2022
74	TAX AVOIDANCE CULTURE AND EMPLOYEES BEHAVIOR AFFECT SUSTAINABLE BUSINESS PERFORMANCE: THE MODERATING ROLE OF CORPORATE SOCIAL RESPONSIBILITY	LI, Y;AL-SULAITI, K;WANG, DL;ABBAS, J;AL-SULAITI, I	FRONTIERS IN ENVIRONMENTAL SCIENCE 10: - JUL 22 2022	ENVIRONM ENT/ECOLOGY	37	LANZHOU UNIV TECHNOL, SCH ECON & MANAGEMENT, LANZHOU, PEOPLES R CHINA;UNIV DERBY, AL RAYYAN INT UNIV COLL, DOHA, QATAR;UNIV DERBY, DERBY	2022
75	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	37	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	2023
76	ELECTROCHEMICAL PERFORMANCE OF POLYANILINE-COATED ?-MNO<SUB>2</SUB> 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	35	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANZHOU, PEOPLES R CHINA;KEY LAB LOW CARBON ENERGY & CHEM ENGN GANSU PROV, LANZHOU, PEOPLES R CHINA	2022

77	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	29	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	2023
78	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	29	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	2023
79	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	19	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
80	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	18	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2022

81	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	17	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
82	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	16	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;	2023
83	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	14	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
84	MEASURED VISCOSITY CHARACTERISTICS OF $Fe_3O_4/SiB$ 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	13	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



85	A MEMRISTIVE NEURON AND ITS ADAPTABILITY TO EXTERNAL ELECTRIC FIELD	YANG, FF;XU, Y;MA, J	CHAOS 33 (2): - FEB 2023	PHYSICS	13	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
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	13	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	TUNABLE SMART MID INFRARED THERMAL CONTROL EMITTER BASED ON PHASE CHANGE MATERIAL VO2 THIN FILM	LIANG, SR;XU, F;LI, WX;YANG, WX;CHENG, SB;YANG, H;CHEN, J;YI, Z;JIANG, PP	APPLIED THERMAL ENGINEERING 232: - SEP 2023	ENGINEERING	13	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, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;NANJING UNIV POSTS & TELECOMMUN, COLL ELECT & OPT ENGN,	2023
88	FAST-CHARGING CATHODE MATERIALS FOR LITHIUM & SODIUM ION BATTERIES	YUAN, MM;LIU, HJ;RAN, F	MATERIALS TODAY 63: 360-379 MAR 2023	MATERIALS SCIENCE	12	LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, GANSU, PEOPLES R CHINA	2023

89	CONSTRUCTION OF Z-SCHEME AG <sub>2</sub> MOO <sub>4</sub> /ZnWO <sub>4</sub> HETEROJUNCTIONS FOR PHOTOCATALYTICALLY REMOVING POLLUTANTS	ZHANG, J;MA, JY;SUN, XF;YI, Z;XIAN, T;WU, XW;LIU, GR;WANG, XX;YANG, H	LANGMUIR 39 (3): 1159-1172 JAN 24 2023	CHEMISTRY	11	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, 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	2023
90	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	11	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA	2023
91	OFFSET-CONTROL PLANE COEXISTING BEHAVIORS IN TWO-MEMRISTOR-BASED HOPFIELD NEURAL NETWORK	BAO, H;HUA, MJ;MA, J;CHEN, M;BAO, BC	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS 70 (10): 10526-10535 OCT 2023	ENGINEERING	10	CHANGZHOU UNIV, SCH MICROELECT & CONTROL ENGN, CHANGZHOU 213159, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2023
92	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	10	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
93	CREATION OF HETEROGENEITY OR DEFECTS IN A MEMRISTIVE	YANG, FF;WANG, Y;MA, J	COMMUNICATIONS IN NONLINEAR SCIENCE AND	PHYSICS	10	LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, PEOPLES R CHINA;SHAANXI NORMAL UNIV, SCH PHYS &	2023

	NEURAL NETWORK UNDER ENERGY FLOW		NUMERICAL SIMULATION 119: - MAY 2023			INFORMAT TECHNOL, XIAN 710062, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	
94	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	10	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;SHAANXI NORMAL UNIV, SCH PHYS & INFORMAT TECHNOL, XIAN 710062, PEOPLES R CHINA	2023
95	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	10	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	2023
96	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	9	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
97	ESTIMATE PHYSICAL RELIABILITY IN HINDMARSH-ROSE NEURON	XIE, Y;YAO, Z;REN, GD;MA, J	PHYSICS LETTERS A 464: - MAR 15 2023	PHYSICS	8	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,	2023

						SCH SNENCE, CHONGQING 430065, PEOPLES R CHINA	
98	PHASE SYNCHRONIZATION BETWEEN NEURONS UNDER NONLINEAR COUPLING VIA HYBRID SYNAPSE	ZHOU, P;MA, J;XU, Y	CHAOS SOLITONS & FRACTALS 169: - APR 2023	PHYSICS	8	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
99	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	7	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, 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	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	98	CHANGZHOU UNIV, SCH MICROELECT & CONTROL ENGN, CHANGZHOU 213164, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;	2022
2	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	44	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2023
3	BIOPHYSICAL NEURONS, ENERGY, AND SYNAPSE CONTROLLABILITY: A REVIEW	MA, J	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A 24 (2): 109-129 FEB 2023	ENGINEERING	43	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA	2023
4	DESIGN OF SURFACE PLASMON RESONANCE-BASED D-TYPE DOUBLE OPEN-LOOP CHANNELS PCF FOR TEMPERATURE SENSING	GAO, SY;WEI, KH;YANG, H;TANG, YJ;YI, Z;TANG, CJ;TANG, B;YI, YG;WU, PH	SENSORS 23 (17): - SEP 2023	CHEMISTRY	3	SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, PEOPLES R CHINA;HANGZHOU DIANZI UNIV, SCH AUTOMAT, HANGZHOU 310018, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA	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
2024年1月	2013年1月—2023年10月	2855	39207	417	1370	117	304	13	0

表 2 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
2024年1月	2013年1月—2023年10月	2211	20866	676	2390	140	430	26	2

表3 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
2024年1月	2013年1月—2023年10月	1454	20393	1017	1891	207	349	20	1