

# 兰州理工大学 ESI 统计报告

(2023 年 1 月)

兰州理工大学图书馆

2023 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, 2023 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, 分别为工程学(Engineering)、材料科学(Materials Science)、化学(Chemistry)。

工程学近十年(2012 年 1 月 1 日-2022 年 10 月 31 日)一共发表 1670 篇 ESI 论文, 总被引频次 14552 次, 有 16 篇高被引论文。按照被引次数世界排名第 758 名, 共有 2135 所机构的工程学学科进入 ESI 学科世界排名前 1%。

材料科学近十年(2012 年 1 月 1 日-2022 年 10 月 31 日)一共发表 2409 篇 ESI 论文, 总被引频次 29615 次, 有 11 篇高被引论文。按照被引次数世界排名第 462 名, 共有 1226 所机构的材料科学学科进入 ESI 学科世界排名前 1%。

化学近十年(2012 年 1 月 1 日-2022 年 10 月 31 日)一共发表 1276 篇 ESI 论文, 总被引频次 16456 次, 有 14 篇高被引论文, 6 篇热点论文。按照被引次数世界排名第 1101 名, 共有 1702 所机构的化学学科进入 ESI 学科世界排名前 1%。



ESI 数据库 2023 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	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	345	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
2	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	341	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

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	289	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2016
4	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	262	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

5	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	251	LANZHOU UNIV TECHNOL, COLL PETROCHEM ENGN, DEPT CHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019
6	A REVIEW FOR DYNAMICS IN NEURON AND NEURONAL NETWORK	MA, J;TANG, J	NONLINEAR DYNAMICS 89 (3): 1569-1578 AUG 2017	ENGINEERING	245	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	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	200	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2016

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	192	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	A HIGH-PERFORMANCE SODIUM-ION HYBRID CAPACITOR CONSTRUCTED BY METAL-ORGANIC FRAMEWORK-DERIVED ANODE AND CATHODE MATERIALS	LI, HX;LANG, JW;LEI, SL;CHEN, JT;WANG, KJ;LIU, LY;ZHANG, TY;LIU, WS;YAN, XB	ADVANCED FUNCTIONAL MATERIALS 28 (30): - JUL 25 2018	MATERIALS SCIENCE	190	CHINESE ACAD SCI, LANZHOU INST CHEM PHYS, LAB CLEAN ENERGY CHEM & MAT, STATE KEY LAB SOLID LUBRICAT, LANZHOU 730000, GANSU, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH PETROCHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, COLL MAT SCI & OPTOELECT TECHNOL, BEIJING 100080, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MECH & ELECT ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;LANZHOU UNIV, COLL CHEM & CHEM ENGN, LANZHOU 730000, GANSU, PEOPLES R CHINA	2018

10	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	190	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
11	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	184	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
12	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	169	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
13	SELECTION OF MULTI-SCROLL ATTRACTORS IN JERK CIRCUITS AND THEIR VERIFICATION USING PSPICE	MA, J;WU, XY;CHU, RT;ZHANG, LP	NONLINEAR DYNAMICS 76 (4): 1951-1962 JUN 2014	ENGINEERING	147	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2014

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	137	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	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	130	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
16	FACILE PREPARATION OF LOESS-COATED MEMBRANES FOR MULTIFUNCTIONAL SURFACTANT-STABILIZED OIL-IN-WATER EMULSION SEPARATION ELECTRONIC SUPPLEMENTARY INFORMATION (ESI) AVAILABLE: ADDITIONAL FIGURES AND MOVIES. SEE DOI: 10.1039/C9GC00747D	WANG, XY;LI, MJ;SHEN, YQ;YANG, YX;FENG, H;LI, J	GREEN CHEMISTRY 21 (11): 3190-3199 JUN 7 2019	CHEMISTRY	123	NORTHWEST NORMAL UNIV, COLL CHEM & CHEM ENGN, RES CTR GANSU MIL & CIVILIAN INTEGRAT ADV STRUCT, LANZHOU 730070, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, KEY LAB NONFERROUS MET ALLOYS & PROC,MINIST EDUC, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019



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	118	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	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	116	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
19	A THEORETICAL STUDY OF A PLASMONIC SENSOR COMPRISING A GOLD NANO-DISK ARRAY ON GOLD FILM WITH A SIO2 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	104	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
20	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	103	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANGONGPING RD 287, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019

21	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	100	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
22	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	96	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

23	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	92	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
24	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	91	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
25	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	89	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
26	A SHORT REVIEW ON HETEROJUNCTION PHOTOCATALYSTS: CARRIER TRANSFER BEHAVIOR AND PHOTOCATALYTIC MECHANISMS	YANG, H	MATERIALS RESEARCH BULLETIN 142: - OCT 2021	MATERIALS SCIENCE	86	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA	2021

27	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	83 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
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28	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	83	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
29	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
30	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	78	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
31	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	78	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 10084, PEOPLES R CHINA	2020

32	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	76	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
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33	ELECTRON-ION COLLIDER IN CHINA	<p>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,  X;LIU, TB;LUO,  XF;LYU, Z;MA,  BQ;MA, F;MA, JP;MA,  YG;MAO, LJ;MEZRAG,  C;MOUTARDE,  H;PING, JL;QIN,  SU;REN, H;ROBERTS,  CD;ROJO, J;SHEN,  GD;SHI, C;SONG</p>	FRONTIERS OF PHYSICS 16 (6): - DEC 2021	PHYSICS	76	<p>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 &amp; MAT  SCI, GUANGZHOU 510006, PEOPLES R CHINA;HUNAN UNIV,  CHANGSHA 410082, PEOPLES R CHINA;NANJING UNIV, NANJING  210093, PEOPLES R CHINA;HUAZHONG UNIV SCI &amp; TECHNOL,  WUHAN 430074, PEOPLES R CHINA;EUROPEAN CTR THEORET  STUDIES NUCL PHYS &amp; RELATED, VILLA TAMBOSI,STR TABARELLE  286, I-38123 VILLAZZANO, ITALY;PEKING UNIV, SCH PHYS,  BEIJING 100871, PEOPLES R CHINA;HUNAN NORMAL UNIV,  CHANGSHA 410081, PEOPLES R CHINA;CHINESE ACAD SCI,  THEORET PHYS, BEIJING 100190, PEOPLES R CHINA;NANJING  NORMAL UNIV, NANJING 210023, PEOPLES R  CHINA;NORTHEASTERN UNIV, COLL SCI, DEPT PHYS, SHENYANG  110819, PEOPLES R CHINA;SOUTHWEST JIAOTONG UNIV,  CHENGDU 610000, PEOPLES R CHINA;UNIV ZAGREB, DEPT PHYS,  FAC SCI, BIJENICKA C 32, ZAGREB 10000, CROATIA;JOINT INST  NUCL RES, BOGOLIUBOV LAB THEORET PHYS, DUBNA 141980,  RUSSIA;ZHENGZHOU UNIV, SCH PHYS &amp; MICROELECT,  ZHENGZHOU 450001, PEOPLES R CHINA;LANZHOU UNIV,  LANZHOU 730000, PEOPLES R CHINA;SHANDONG UNIV, KEY LAB  PARTICLE PHYS &amp; PARTICLE IRRADIAT MOF, QINGDAO 266227</p>	2021
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34	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	73	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
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	73	LANZHOU UNIV TECHNOL, DEPT CHEM ENGN, COLL PETROCHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2020
36	PARAMETERS ESTIMATION, MIXED SYNCHRONIZATION, AND ANTISYNCHRONIZATION IN CHAOTIC SYSTEMS	WANG, CN;HE, YJ;MA, J;HUANG, L	COMPLEXITY 20 (1): 64-73 SEP-OCT 2014	MATHEMATICS	70	LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2014
37	DESIGN OF HOLE-TRANSPORT-MATERIAL FREE CH <sub>3</sub> NH <sub>3</sub> PBI <sub>3</sub> /CSSNI <sub>3</sub> ALL-PEROVSKITE HETEROJUNCTION EFFICIENT SOLAR CELLS BY DEVICE SIMULATION	DUAN, QQ;JI, JY;HONG, X;FU, YC;WANG, CY;ZHOU, K;LIU, XQ;YANG, H;WANG, ZY	SOLAR ENERGY 201: 555-560 MAY 1 2020	ENGINEERING	68	CHONGQING UNIV TECHNOL, SCH SCI, CHONGQING 400054, PEOPLES R CHINA;CHONGQING KEY LAB GREEN ENERGY MAT TECHNOL & SYST, CHONGQING 400054, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV, SCH PHYS SCI & TECHNOL, CHONGQING 400715, PEOPLES R CHINA	2020



38	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	68	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
39	DESIGN OF TERNARY CATIO3/G-C3N4/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	68	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;QINGHAI NORMAL UNIV, COLL PHYS & ELECT INFORMAT ENGN, XINING 810008, PEOPLES R CHINA	2020
40	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	66	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
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	66	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	A NEW NEURON MODEL UNDER ELECTROMAGNETIC FIELD	WU, FQ;MA, J;ZHANG, G	APPLIED MATHEMATICS AND COMPUTATION 347: 590-599 APR 15 2019	MATHEMATICS	60	TONGJI UNIV, SCH AEROSP ENGN & APPL MECH, SHANGHAI 200092, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, GANSU, PEOPLES R CHINA	2019

43	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	58	LANZHOU UNIV TECHNOL, SCH COMP & COMMUN TECHNOL, LANZHOU 730050, PEOPLES R CHINA;TSINGHUA UNIV, DEPT AUTOMAT, BEIJING 100084, PEOPLES R CHINA	2021
44	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	55	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
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	53	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

46	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	53	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
47	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	52	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

48	STRUCTURES, MORPHOLOGICAL CONTROL, AND ANTIBACTERIAL PERFORMANCE OF TUNGSTEN OXIDE THIN FILMS	TAN, GL;TANG, D;DASTAN, D;JAFARI, A;SHI, ZC;CHU, QQ;SILVA, JPB;YIN, XT	CERAMICS INTERNATIONAL 47 (12): 17153-17160 JUN 15 2021	MATERIALS SCIENCE	48	YINGKOU INST TECHNOL, SCH MAT SCI & ENGN, YINGKOU 115014, LIAONING, PEOPLES R CHINA;GEORGIA INST TECHNOL, SCH MAT SCI & ENGN, ATLANTA, GA 30332 USA;SOUTH URAL STATE UNIV, 76 LENIN AVE, CHELYABINSK 454080, RUSSIA;OCEAN UNIV CHINA, SCH MAT SCI & ENGN, QINGDAO 266100, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;UNIV MINHO & PORTO CF UM UP, CTR PHYS, CAMPUS GUALTAR, P-4710057 BRAGA, PORTUGAL;LUDONG UNIV, SCH PHYS & OPTOELECT ENGN, YANTAI 264000, SHANDONG, PEOPLES R CHINA	2021
49	A NOVEL PLASMONIC REFRACTIVE INDEX SENSOR BASED ON GOLD/SILICON COMPLEMENTARY GRATING STRUCTURE*	WANG, XX;ZHU, JK;XU, YQ;QI, YP;ZHANG, LP;YANG, H;YI, Z	CHINESE PHYSICS B 30 (2): - FEB 2021	PHYSICS	48	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA;NORTHWEST NORMAL UNIV, COLL PHYS & ELECT ENGN, LANZHOU 730070, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA	2021
50	PHOTOCATALYTIC PURIFICATION OF SIMULATED DYE WASTEWATER IN DIFFERENT PH ENVIRONMENTS BY USING BATIO3/BI2WO6 HETEROJUNCTION PHOTOCATALYSTS	WANG, YP;SUN, XF;XIAN, T;LIU, GR;YANG, H	OPTICAL MATERIALS 113: - MAR 2021	MATERIALS SCIENCE	46	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	2021
51	DESIGN STRATEGIES OF 3D CARBON-BASED ELECTRODES FOR CHARGE/ION TRANSPORT IN LITHIUM ION BATTERY AND SODIUM ION BATTERY	ZHANG, TY;RAN, F	ADVANCED FUNCTIONAL MATERIALS 31 (17): - APR 2021	MATERIALS SCIENCE	45	LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC & RECYCLING NONFERROUS MET, LANZHOU 730500, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MECH & ELECT ENGN, LANZHOU 730050, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH MAT SCI & ENGN, LANZHOU 730500, PEOPLES R CHINA	2021

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	45	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	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	44	AMIRKABIR UNIV TECHNOL, BIOMED ENGN DEPT, TEHRAN 158754413, IRAN;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU, GANSU, PEOPLES R CHINA	2019
54	ENHANCED SOLAR STEAM GENERATION OF HYDROGEL COMPOSITE WITH ALIGNED CHANNEL AND SHAPE MEMORY BEHAVIOR	HE, JX;FAN, YK;XIAO, CH;LIU, F;SUN, HX;ZHU, ZQ;LIANG, WD;LI, A	COMPOSITES SCIENCE AND TECHNOLOGY 204: - MAR 1 2021	MATERIALS SCIENCE	43	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANGONGPING RD 287, LANZHOU 730050, PEOPLES R CHINA;LANZHOU CITY UNIV, SCH CHEM & CHEM ENGN, JIEFANG RD 11, LANZHOU 730070, PEOPLES R CHINA	2021
55	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	41	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
56	A FOUR-BAND PERFECT ABSORBER BASED ON HIGH QUALITY FACTOR AND HIGH FIGURE OF MERIT OF MONOLAYER MOLYBDENUM DISULFIDE	JIANG, LY;YI, YT;YI, Z;YANG, H;LI, ZY;SU, J;ZHOU, ZG;CHEN, XF;YI, YG	ACTA PHYSICA SINICA 70 (12): - JUN 20 2021	PHYSICS	41	SOUTHWEST UNIV SCI & TECHNOL, SCH SCI, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;CENT SOUTH UNIV, SCH PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, PEOPLES R CHINA	2021

57	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	40	LANZHOU UNIV TECHNOL, SCH SCI, LANZHOU 730050, GANSU, PEOPLES R CHINA	2020
58	FRACTAL APPROACH TO MECHANICAL AND ELECTRICAL PROPERTIES OF GRAPHENE/SIC COMPOSITES	ZUO, YT;LIU, HJ	FACTA UNIVERSITATIS-SERIE S MECHANICAL ENGINEERING 19 (2): 271-284 2021	ENGINEERING	37	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
59	<P>SYNTHESIS OF CARNATION FLOWER-LIKE B <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	33	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

60	A MULTI-BAND AND POLARIZATION-INDEPENDENT PERFECT ABSORBER BASED ON DIRAC SEMIMETALS CIRCLES AND SEMI-ELLIPSES ARRAY*	LI, ZY;YI, YT;XU, DY;YANG, H;YI, Z;CHEN, XF;YI, YG;ZHANG, JG;WU, PH	CHINESE PHYSICS B 30 (9): - SEP 2021	PHYSICS	32	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;CENT SOUTH UNIV, COLL PHYS & ELECT, CHANGSHA 410083, PEOPLES R CHINA;ZHEJIANG UNIV TECHNOL, COLL SCI, HANGZHOU 310023, ZHEJIANG, PEOPLES R CHINA;JINZHONG UNIV, DEPT PHYS & ELECT ENGN, JINZHONG 030619, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, RES CTR PHOTON TECHNOL, KEY LAB INFORMAT FUNCT MAT FUJIAN HIGHER EDUC, QUANZHOU 362000, FUJIAN, PEOPLES R CHINA	2021
61	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	31	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

62	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	30	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
63	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	30	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



64	<p>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</p>	<p>LI, LX;SUN, XF;XIAN, T;GAO, HJ;WANG, SF;YI, Z;WU, XW;YANG, H</p>	<p>PHYSICAL CHEMISTRY CHEMICAL PHYSICS 24 (14): 8279-8295 APR 6 2022</p>	CHEMISTRY	25	<p>LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC &amp; RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;QINGHAI NORMAL UNIV, COLL PHYS &amp; ELECT INFORMAT ENGN, XINING 810008, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT &amp; INFORMAT ENGN, WANZHOU 404000, PEOPLES R CHINA;SOUTHWEST UNIV SCI &amp; TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM &amp; CHEM ENGN, JISHOU 416000, PEOPLES R CHINA</p>	2022
65	<p>COMPARATIVE INVESTIGATION ON SYNTHESIS, MORPHOLOGICAL TAILORING AND PHOTOCATALYTIC ACTIVITIES OF BI<sub>2</sub>O<sub>2</sub>CO<sub>3</sub> NANOSTRUCTURES</p>	<p>LI, LX;GAO, HJ;YI, Z;WANG, SF;WU, XW;LI, RS;YANG, H</p>	<p>COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS 644: - JUL 5 2022</p>	CHEMISTRY	20	<p>LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC &amp; RECYCLING NONFERROUS MET, LANZHOU 730050, PEOPLES R CHINA;SOUTHWEST UNIV SCI &amp; TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;CHONGQING THREE GORGES UNIV, SCH ELECT &amp; INFORMAT ENGN, WANZHOU 404000, PEOPLES R CHINA;JISHOU UNIV, SCH CHEM &amp; CHEM ENGN, JISHOU 416000, PEOPLES R CHINA</p>	2022
66	<p>HIGH EFFICIENCY TITANIUM OXIDES AND NITRIDES ULTRA-BROADBAND SOLAR ENERGY ABSORBER AND THERMAL EMITTER FROM 200 NM TO 2600 NM</p>	<p>ZHENG, Y;WU, PH;YANG, H;YI, Z;LUO, Y;LIU, L;SONG, Q;PAN, M;ZHANG, JG;CAI, PG</p>	<p>OPTICS AND LASER TECHNOLOGY 150: - JUN 2022</p>	ENGINEERING	16	<p>SOUTHWEST UNIV SCI &amp; TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;QUANZHOU NORMAL UNIV, COLL PHYS &amp; INFORMAT ENGN, QUANZHOU 362000, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, STATE KEY LAB ADV PROC &amp; 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</p>	2022

67	COMPARISON OF MINIMALLY INVASIVE SURGERY TRANSFORAMINAL LUMBAR INTERBODY FUSION AND TLIF FOR TREATMENT OF LUMBAR SPINE STENOSIS	GAO, GD;CAO, LZ;DU, XZ;XU, B;ZHANG, P;ZHANG, XG;WANG, R;QUAN, Z	JOURNAL OF HEALTHCARE ENGINEERING 2022: - JAN 25 2022	CLINICAL MEDICINE	15	GANSU UNIV CHINESE MED, AFFILIATED HOSP, DEPT SPINAL SURG, LANZHOU 730000, GANSU, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2022
68	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	14	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
69	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	14	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;SICHUAN UNIV, COLL MAT SCI & ENGN, CHENGDU 610064, PEOPLES R CHINA;SOUTHWEST UNIV SCI & TECHNOL, JOINT LAB EXTREME CONDIT MATTER PROPERTIES, MIANYANG 621010, SICHUAN, PEOPLES R CHINA;CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 400065, PEOPLES R CHINA	2022

70	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	11	CHONGQING UNIV POSTS & TELECOMMUN, SCH SCI, CHONGQING 430065, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, DEPT PHYS, LANZHOU 730050, PEOPLES R CHINA	2022
71	ANALYSIS OF BIOELECTRICAL IMPEDANCE SPECTRUM FOR ELBOW STIFFNESS BASED ON HILBERT-HUANG TRANSFORM	GAO, GD;ZHANG, P;XU, B;ZHANG, XG;YANG, QZ;WANG, R;HAN, SH;QUAN, Z	CONTRAST MEDIA & MOLECULAR IMAGING 2022: - APR 8 2022	CLINICAL MEDICINE	11	AFFILIATED HOSP GANSU UNIV CHINESE MED, DEPT SPINAL SURG, LANZHOU 730000, GANSU, PEOPLES R CHINA;LANZHOU UNIV TECHNOL, COLL ELECT & INFORMAT ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA	2022
72	EFFECT OF TEMPERATURE ON FORMATION AND EVOLUTION OF SOLID ELECTROLYTE INTERPHASE ON Si@GRAPHITE@C ANODES	DONG, H;WANG, J;WANG, P;DING, H;SONG, R;ZHANG, NS;ZHAO, DN;ZHANG, LJ;LI, SY	JOURNAL OF ENERGY CHEMISTRY 64: 190-200 JAN 2022	CHEMISTRY	10	LANZHOU UNIV TECHNOL, COLL PETROCHEM TECHNOL, LANZHOU 730050, GANSU, PEOPLES R CHINA;GANSU KEY LAB LOW CARBON ENERGY & CHEM ENGN, LANZHOU 730050, GANSU, PEOPLES R CHINA;QINGHAI UNIV NATIONALITIES, COLL CHEM & CHEM ENGN, XINING 810007, QINGHAI, PEOPLES R CHINA	2022

## 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	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	92	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
2	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	76	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

3	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	53	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
4	<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	33	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

5	COMPARATIVE INVESTIGATION ON SYNTHESIS, MORPHOLOGICAL TAILORING AND PHOTOCATALYTIC ACTIVITIES OF BI <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> NANOSTRUCTURES	LI, LX;GAO, HJ;YI, Z;WANG, SF;WU, XW;LI, RS;YANG, H	COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS 644: - JUL 5 2022	CHEMISTRY	20	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
6	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	5	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

### 三、学科数据走势

表1 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	高被引论文数量	热点论文数量
2022年1月	2011年1月—2021年10月	1303	10224	826	1899	13	0
2022年3月	2011年1月—2021年12月	1360	11003	822	1953	14	0
2022年5月	2012年1月—2022年2月	1402	11047	796	1928	13	0
2022年7月	2012年1月—2022年4月	1463	11734	790	1978	13	0
2022年9月	2012年1月—2022年6月	1521	12621	782	2029	16	1
2022年11月	2012年1月—2022年8月	1590	13494	767	2078	16	0
2023年1月	2012年1月—2022年10月	1670	14552	758	2135	16	0

表2 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	进入机构总数	高被引论文数量	热点论文数量
2022年1月	2011年1月—2021年10月	2003	21707	515	1105	24	3
2022年3月	2011年1月—2021年12月	2072	23102	508	1132	25	3
2022年5月	2012年1月—2022年2月	2104	23919	478	1118	21	0

2022年7月	2012年1月—2022年4月	2169	25172	475	1141	23	0
2022年9月	2012年1月—2022年6月	2255	26672	469	1171	19	0
2022年11月	2012年1月—2022年8月	2314	27968	465	1197	14	0
2023年1月	2012年1月—2022年10月	2409	29615	462	1226	11	0

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	高被引论文数量	热点论文数量
2022年1月	2011年1月—2021年10月	1068	12510	1226	1543	11	1
2022年3月	2011年1月—2021年12月	1104	13132	1212	1577	12	0
2022年5月	2012年1月—2022年2月	1104	13570	1133	1551	10	1
2022年7月	2012年1月—2022年4月	1146	14154	1133	1584	14	2
2022年9月	2012年1月—2022年6月	1190	14902	1122	1622	15	4
2022年11月	2012年1月—2022年8月	1224	15604	1109	1662	16	6
2023年1月	2012年1月—2022年10月	1276	16456	1101	1702	14	6