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王俊芳, 郭进利, 刘翰, 沈爱忠	Evolution of zero-determinant strategy in iterated snowdrift game	ACTA PHYSICA SINICA
郭强, 计磊, 刘建国, 韩景倜	Evolution properties of online user preference diversity	PHYSICA A-STATISTICAL MECHANICS AND ITS
杨凯, 郭强, 李圣楠, 韩景倜, 刘建国	Evolution properties of the community members for dynamic networks	PHYSICS LETTERS A
霍良安, 王丽, 宋国祥	Global stability of a two-mediums rumor spreading model with media	PHYSICA A-STATISTICAL MECHANICS AND ITS
施明华, 肖庆宪	Hesitant fuzzy linguistic aggregation operators based on global vision	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS
袁鹏程, 林徐勋	How long will the traffic flow time series keep efficacious to forecast the future?	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS
刘晓露, 刘建国, 杨凯, 郭强, 韩景倜	Identifying online user reputation of user-object bipartite networks	PHYSICA A-STATISTICAL MECHANICS AND ITS
赵靖、马万经、徐海軍	Increasing the Capacity of the Intersection Downstream of the Freeway Off-Ramp Using Presignals	COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING
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Li, Ruiqiu^Ma, Huimin	Integrating Preventive Maintenance Planning and Production Scheduling under Reentrant Job Shop	MATHEMATICAL PROBLEMS IN ENGINEERING

刘姜, 王灯山, 尹彦彬	Lie Symmetry Analysis of the Inhomogeneous Toda Lattice Equation via Semi-Discrete Exterior Calculus	COMMUNICATIONS IN THEORETICAL PHYSICS
Chen, N ⁺ 杨坚争	Mechanism of government policies in cross-border e-commerce on firm performance and implications on m-commerce	INTERNATIONAL JOURNAL OF MOBILE COMMUNICATIONS
赵靖、刘玥	Modeling Pedestrian Delays at Signalized Intersections as a Function of Crossing Directions and Moving	TRANSPORTATION RESEARCH RECORD
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屈绍建, 纪颖, 蒋建林, 张庆普	Nonmonotone gradient methods for vector optimization with a portfolio optimization application	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH
宋林森, 高岩	On the local convergence of a Levenberg-Marquardt method for nonsmooth nonlinear complementarity	SCIENCEASIA
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潘坚, 肖庆宪	Optimal asset-liability management with liquidity constraints and stochastic interest rates in the expected utility framework	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS
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潘坚, 肖庆宪	Optimal dynamic asset-liability management with stochastic interest rates and inflation risks	CHAOS SOLITONS & FRACTALS
潘坚, 肖庆宪	Optimal mean-variance asset-liability management with stochastic interest rates and inflation risks	MATHEMATICAL METHODS OF OPERATIONS RESEARCH
张清叶, 高岩	Portfolio selection based on a benchmark process with dynamic value-at-risk constraints	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS
纪颖, 屈绍建	Proximal Point Algorithms for Vector DC Programming with Applications to Probabilistic Lot Sizing with Service Levels	DISCRETE DYNAMICS IN NATURE AND SOCIETY
施明华, 肖庆宪, 周本达, 杨枫	REGRESSION MODELLING BASED ON IMPROVED GENETIC ALGORITHM	TEHNICKI VJESNIK-TECHNICAL GAZETTE
余佩, 郭强, 李仁德, 韩景倜, 刘建国	Roles of clustering properties for degree-mixing pattern networks	INTERNATIONAL JOURNAL OF MODERN PHYSICS C
霍良安, 王丽, 宋乃祥, 马晨阳, 何冰	Rumor spreading model considering the activity of spreaders in the homogeneous network	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS
赵靖、刘玥	Safety evaluation of intersections with dynamic use of exit-lanes for left-turn using field data	ACCIDENT ANALYSIS AND PREVENTION
杨悦, 邱路, 杨天光, 侯丽英, 顾长贵, 杨会杰	Scaling invariance embedded in very short time series: A factorial moment based diffusion entropy approach	CHINESE JOURNAL OF PHYSICS
刘勤明, 耿秀丽, 董明, 吕文元, 叶春明	Scheduling optimization of design stream line for production research and development projects	ENGINEERING OPTIMIZATION

沈爱忠, 郭进利, 索棋	Study of the variable growth hypernetworks influence on the scaling law	CHAOS SOLITONS & FRACTALS
顾长贵, 杨会杰	The asymmetry of the entrainment range induced by the difference in intrinsic frequencies between two subgroups within the suprachiasmatic nucleus	CHAOS
韩艳丽, 高岩 否	The calculation of discriminating kernel based on viability kernel and reachability	ADVANCES IN DIFFERENCE EQUATIONS
李文静, 姜罗罗, 顾长贵, 杨会杰	The influence of migration speed on cooperation in spatial games	JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT
霍良安, 马晨阳	The interaction evolution model of mass incidents with delay in a social	PHYSICA A-STATISTICAL MECHANICS AND ITS
贾书伟, 杨凯, 赵矜矜, 严广乐	The Traffic Congestion Charging Fee Management Model Based on the System Dynamics Approach	MATHEMATICAL PROBLEMS IN ENGINEERING
焦新兵, 赵新未, 柏雪, 郝蕊蕊, 梁宝健	A beam splitter driven by the garnet-graphite interface effect	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE
袁敏、姚恒、秦川、田颖	A Dynamic Hand Gesture Recognition System Incorporating Orientation-based Linear Extrapolation Predictor and Velocity-assisted Longest Common Subsequence Algorithm	KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS
郭杰, 马军山, 饶丰	A non-contact method for determining the junction temperature of GaN-based blue light LED	MODERN PHYSICS LETTERS B
王永雄, 施煜波, 魏国亮	A novel local feature descriptor based on energy information for human activity recognition	NEUROCOMPUTING
李剑锋, 陈世平	A PR-Quadtree Based Multi-Dimensional Indexing for Complex Query in a Cloud System[J]	Cluster Computing
倪裕杰, 计儒, 龙恺文, 卜婷, 陈克坚, 庄	A review of 3D-printed sensors	APPLIED SPECTROSCOPY REVIEWS
刘志敏, 李毅, 张娇, 黄雅琴, 李政鹏, 裴江恒, 方宝英, 王晓华, 肖寒	A Tunable Metamaterial Absorber Based on V02/W Multilayer Structure	IEEE PHOTONICS TECHNOLOGY LETTERS
夏鲲, 李正荣, 卢晶, 董斌, 毕超	Acoustic Noise of Brushless DC Motors Induced by Electromagnetic Torque	JOURNAL OF POWER ELECTRONICS
陈珊珊, 夏天, 苗志英, 汪红志, 戴曙光	Active shimming method for a 21.3 MHz small-animal MRI magnet	MEASUREMENT SCIENCE AND TECHNOLOGY
郭心悦, 李鑫, 黄如意	Adaptive multiple-input multiple-output mode switching for indoor visible light communication system with orthogonal frequency division multiplexing modulation	CHINESE OPTICS LETTERS
韦晓孝, 万新军, 杨波	An Annulus-Sector Segmented Primary Mirror	IEEE PHOTONICS JOURNAL
Liu, Li`Lu, Yue`Suen, Ching Y.	An Image-Based Approach to Detection of Fake Coins	IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY
苏湛, 艾均, 张庆灵, 熊乃学	An improved robust finite-time dissipative control for uncertain fuzzy descriptor systems with	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE

熊乃学, 邬文良, 邬春学	An Improved Routing Optimization Algorithm Based on Travelling Salesman Problem for Social Networks	SUSTAINABILITY
徐立萍、孙红、李振华、刘小东、徐广辉	Anterior cervical discectomy and fusion versus posterior laminoplasty for multilevel cervical myelopathy: A meta-analysis	INTERNATIONAL JOURNAL OF SURGERY
文静 冯辉 刘仕良 张大伟	Arbitrary continuous nano-marks generated by multifocal spot arrays for controllable laser printing	LASER PHYSICS
王琦, 曹曙桦, 杜永好, 陶春先	Broadband polarizing beam splitter based on two-layer metal grating with a high refractive index dielectric	OPTIK
臧小飞, 朱亦鸣, 计学斌, 陈麟, 胡青, 庄松林	Broadband unidirectional behavior of electromagnetic waves based on transformation optics	SCIENTIFIC REPORTS
王巍琳, 龚朝晖	Calculating All Minimal Transition-Based Sensor Activation Policies for the Purpose of Supervisory Control	IEEE TRANSACTIONS ON AUTOMATIC CONTROL
张娇, 李毅, 刘志敏, 李政鹏, 黄雅琴, 裴江恒, 方宝英, 王晓华, 肖寒	Characteristics of electrically-induced phase transition in tungsten-doped vanadium dioxide film	ACTA PHYSICA SINICA
王琦, 刘琪, 李业, 黄元申, 张大伟	Characteristics of Guided-Mode Resonance Filter With Elliptically Polarized Incident Light	IEEE PHOTONICS JOURNAL
李金静, 陈庆奎, 刘伯成	Classification and disease probability prediction via machine learning programming based on multi-GPU cluster MapReduce system	JOURNAL OF SUPERCOMPUTING
江旻珊、朱静远、李雪、张楠楠、张学典	Corneal Biomechanical Properties After Penetrating Keratoplasty or Deep Anterior Lamellar Keratoplasty Using the Ocular Response Analyzer: A Meta-Analysis	CORNEA
尹钟, 张建华	Cross-session classification of mental workload levels using EEG and an adaptive deep learning model	BIOMEDICAL SIGNAL PROCESSING AND CONTROL
尹钟, 王永雄, 刘丽, 张伟, 张建华	Cross-Subject EEG Feature Selection for Emotion Recognition Using Transfer Recursive Feature Elimination	FRONTIERS IN NEUROBOTICS
尹钟, 张建华	Cross-subject recognition of operator functional states via EEG and switching deep belief networks with adaptive weights	NEUROCOMPUTING
戴博, 殷松超, 高震森, 王凯民, 张大伟, 庄松林, 王旭	Data Compression for Time-Stretch Imaging Based on Differential Detection and Run-Length Encoding	JOURNAL OF LIGHTWAVE TECHNOLOGY
陈麟, 许宁宁, Singh, Leena, 崔铁军, Singh, Ranjan, 朱亦鸣, 张伟力	Defect-Induced Fano Resonances in Corrugated Plasmonic Metamaterials	ADVANCED OPTICAL MATERIALS
陈建, 孔令讲, 詹其文	Demonstration of a vectorial optical field generator with adaptive close loop control	REVIEW OF SCIENTIFIC INSTRUMENTS
邬春学, 邬文良, 万才华, Bekkering, 熊乃学	Design and Analysis of a Data Fusion Scheme in Mobile Wireless Sensor Networks Based on Multi-Protocol Mobile Agents	SENSORS

熊乃学, 张龙真, 张伟, Vasilakos Athanasios V, Imran, Muhammad	Design and Analysis of an Efficient Energy Algorithm in Wireless Social Sensor Networks	SENSORS
张孙杰, 丁德锐, 魏国亮, 毛靖阳, 刘玉荣, Fuad E. Alsaadi	Design and analysis of H-infinity filter for a class of T-S fuzzy system with redundant channels and multiplicative noises	NEUROCOMPUTING
刘志敏, 李毅, 张娇, 黄雅琴, 李政鹏, 裴江恒, 方宝英, 王晓华, 肖寒	Design and fabrication of a tunable infrared metamaterial absorber based on VO2 films	JOURNAL OF PHYSICS D-APPLIED PHYSICS
王刚、王朝立、李琳、张志华	Designing distributed consensus protocols for second-order nonlinear multi-agents with unknown control directions under directed graphs	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS
姚恒、王朔中、张新鹏、秦川、王金伟	Detecting Image Splicing Based on Noise Level Inconsistency	MULTIMEDIA TOOLS AND APPLICATIONS
邵咏妮, 方蕙, 周宏, 王琦, 朱亦鸣, 何勇	Detection and imaging of lipids of Scenedesmus obliquus based on confocal Raman microspectroscopy	BIOTECHNOLOGY FOR BIOFUELS
姚恒、宋赛华、秦川、唐振军、刘小凯	Detection of Double-Compressed H.264/AVC Video Incorporating the Features of the String of Data Bits	SYMMETRY-BASEL
荆铭, 洪瑞金, 魏文左, 陶春先, 张大伟, 庄松林	Difference of SERS ability from titanium oxide films by Ti3+ self-doping	OPTICAL MATERIALS
蒋强, 陈家璧, 梁斌明, 王燕, 胡金兵, 庄松林	Direct measurement of the negative Goos-Hanchen shift of single reflection in a two-dimensional photonic crystal with negative	OPTICS LETTERS
王刚、王朝立、闫妍、李琳、蔡轩	Distributed adaptive output feedback tracking control for a class of uncertain nonlinear multi-agent	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE
丁德锐, 王子栋, Ho, Daniel W. C., 魏国亮	Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks	AUTOMATICA
尹钟, 刘磊, 刘丽, 张建华, 王亚刚	Dynamical recursive feature elimination technique for neurophysiological signal-based	COGNITION TECHNOLOGY & WORK
刘亚, 王红兵, 王春露	Efficient and Secure Certificateless Proxy Re-Encryption	KSII TRANSACTIONS ON INTERNET AND INFORMATION
王康妮; 郑继红; 刘悠嵘; 高辉; 庄松林	Electrically tunable two-dimensional holographic polymer-dispersed liquid crystal grating with variable period	OPTICS COMMUNICATIONS
魏文左, 洪瑞金, 王进霞, 陶春先, 张大伟	Electron-beam irradiation induced optical transmittance enhancement for Au/ITO and ITO/Au/ITO multilayer thin films	JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY
魏文左, 洪瑞金, 蒙燕, 陶春先, 张大伟	Electron-beam irradiation induced phase transformation, optical absorption and surface-enhanced Raman scattering of Indium tin alloy thin	SUPERLATTICES AND MICROSTRUCTURES
刘悠嵘; 郑继红; 桂坤; 王康妮; 庄松林	Equivalent circuit modeling of non-uniformly distributed nano Ag doped Holographic polymer dispersed Liquid Crvstal Grating	JOURNAL OF INFRARED AND MILLIMETER WAVES

王宁, 陈加骏, 张坤, 陈明明, 贾宏志	Equivalent model optimization with cyclic correction approximation method considering parasitic effect for thermoelectric coolers	SCIENTIFIC REPORTS
毛靖阳, 丁德锐, 宋燕, 刘玉容, Alsaadi, Fuad E.	Event-based recursive filtering for time-delayed stochastic nonlinear systems with missing measurements	SIGNAL PROCESSING
刘帅, 宋燕, 魏国亮, 丁德锐, 刘玉荣	Event-triggered dynamic output feedback RMPC for polytopic systems with redundant channels: Input-to-state stability	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS
张大伟, 徐巧, 方朝龙, 王凯民, 王旭, 庄松林, 戴博	Fabrication of a Microlens Array with Controlled Curvature by Thermally Curving Photosensitive Gel Film beneath Microholes	ACS APPLIED MATERIALS & INTERFACES
Han, Fei`Wei, Guoliang`Ding, Derui`Song, Yan	Finite-horizon bounded H-infinity synchronisation and state estimation for discrete-time complex networks: local performance analysis	IET CONTROL THEORY AND APPLICATIONS
韩非, 魏国亮, 丁德锐, 宋燕	Finite-horizon H-infinity-consensus control for multi-agent systems with random parameters: The local condition case	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS
罗玉强, 宋宝业, 梁金玲, Dobaie, Abdullah M.	Finite-time state estimation for jumping recurrent neural networks with deficient transition probabilities and linear fractional uncertainties	NEUROCOMPUTING
苗玉, 王冠学, 詹秋芳, 隋国荣, 张荣福, 禄鑫淼, 高秀敏	Focal pattern evolution of radially polarized Lorentz-Gaussian vortex beam	OPTIK
王冠学, 苗玉, 詹秋芳, 隋国荣, 张荣福	Focusing of linearly polarized Lorentz-Gaussian beam with helical	OPTIK
苗玉, 王冠学, 曾祥堉, 隋国荣, 张荣福, 詹秋芳	Focusing properties of radially polarized helico-conical Lorentz-Gauss beam	OPTIK
秦川, 季平, 王金伟, 张真诚	Fragile image watermarking scheme based on VQ index sharing and self-	MULTIMEDIA TOOLS AND APPLICATIONS
秦川, 季平, 张新鹏, 董晶, 王金伟	Fragile image watermarking with pixel-wise recovery based on overlapping embedding strategy	SIGNAL PROCESSING
许江华, 耿滔, 高秀敏, 庄松林	Generation of a dark spot beyond the diffraction limit with a radially polarized vortex beam	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION
姚恒、秦川、唐振军、田颖	Guided filtering based color image reversible data hiding	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION
Yang, Yi`Zhuang, Songlin`Kai,	High brightness laser-driven white emitter for Etendue-limited	APPLIED OPTICS
谢静雅, 朱熙, 臧小飞, 程庆庆, 叶阳阳, 朱亦鸣	High extinction ratio electromagnetically induced transparency analogue based on the radiation suppression of dark modes	SCIENTIFIC REPORTS
金涛, 夏桂珍, 侯文玫, 乐燕芬, 韩森	High resolution and stability roll angle measurement method for precision linear displacement stages	REVIEW OF SCIENTIFIC INSTRUMENTS
罗玉强, 王子栋, 魏国亮, Fuad E. Alsaadi	H-infinity Fuzzy Fault Detection for Uncertain 2-D Systems Under Round-Robin Scheduling Protocol	IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS

张孙杰, 丁德锐, 魏国亮, 刘玉荣, Fuad E. Alsaadi	H-infinity state estimation for artificial neural networks over redundant channels	NEUROCOMPUTING
颜乐, 张孙杰, 丁德锐, 刘玉荣, Fuad E. Alsaadi	H-infinity state estimation for memristive neural networks with multiple fading measurements	NEUROCOMPUTING
罗玉强, 王子栋, 梁金玲, 魏国亮, Fuad E. Alsaadi	HL infinity Control for 2-D Fuzzy Systems With Interval Time-Varying Delays and Missing Measurements	IEEE TRANSACTIONS ON CYBERNETICS
方朝龙, 戴博, 徐巧, 卓然, 王琦, 王旭, 张大伟	Hydrodynamically reconfigurable optofluidic microlens with continuous shape tuning from biconvex to	OPTICS EXPRESS
田颖 杜文莉 Viliam Makis	Improved cost-optimal Bayesian control chart based auto-correlated chemical process monitoring	CHEMICAL ENGINEERING RESEARCH & DESIGN
姚恒、秦川、唐振军、田颖	Improved dual-image reversible data hiding method using the selection strategy of shiftable pixels' coordinates with minimum distortion	SIGNAL PROCESSING
陈万青, 彭滢, 姜先凯, 赵佳宇, 赵红卫, 朱亦鸣	Isomers Identification of 2-hydroxyglutarate acid disodium salt (2HG) by Terahertz Time-domain Spectroscopy	SCIENTIFIC REPORTS
范怀玉, 马军山, 范怀海, 吕志寒	Iterative quadtree decomposition based automatic selection of the seed point for ultrasound breast tumor images	MULTIMEDIA TOOLS AND APPLICATIONS
荆铭, 洪瑞金, 邵文, 林辉, 张大伟, 庄松林, 张道华	Laser induced photocatalytic activity enhancement of TiO ₂ thin films	OPTICS EXPRESS
韩非, 魏国亮, 丁德锐, 宋燕	Local Condition Based Consensus Filtering With Stochastic Nonlinearities and Multiple Missing	IEEE TRANSACTIONS ON AUTOMATIC CONTROL
韩非, 宋燕, 张孙杰, 李忘言	Local condition-based finite-horizon distributed H-infinity-consensus filtering for random parameter system with event-triggering protocols	NEUROCOMPUTING
臧小飞, 刘素吉, 程庆庆, 谢静雅, 朱亦鸣, 王亚军	Lower-order-symmetry induced bandwidth-controllable terahertz polarization converter	JOURNAL OF OPTICS
金涛, 冀胡动, 侯文玫, 乐燕芬, 沈璐	Measurement of straightness without Abbe error using an enhanced differential plane mirror	APPLIED OPTICS
盛斌, 陈国华, 黄元申, 罗露雯	Measuring grating periods by diffraction method with a fore-end light path comprising fused fiber couplers and fiber port collimators	REVIEW OF SCIENTIFIC INSTRUMENTS
沈新荣, 贾宏志, 姜士昕, 雷雨, 柴俊宇, 曹君杰	Method based on optical rotatory dispersion for determining wavelength	OPTIK
郝强, 朱国申, 杨松, 杨康文, 段弢, 谢小平, 黄坤, 曾和林辉, Imakita Kenji, Fujii Minoru, 孙畅, 陈炳地, Kanno Takashi, Sugimoto, Hiroshi	Mid-infrared transmitter and receiver modules for free-space optical communication	APPLIED OPTICS
	New insights into the red luminescent bovine serum albumin conjugated gold nanospecies	JOURNAL OF ALLOYS AND COMPOUNDS

朱凯群, 宋燕, 张孙杰, 仲兆准	Non-fragile observer-based output feedback control for polytopic uncertain system under distributed model predictive control approach	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE
姜士昕, 贾宏志, 雷雨, 沈新荣, 曹君杰, 王宁	Novel method for determination of optical rotatory dispersion spectrum by using line scan CCD	OPTICS EXPRESS
丁德锐, 王子栋, Ho, Daniel W. C., 魏国亮	Observer-Based Event-Triggering Consensus Control for Multiagent Systems With Lossy Sensors and Cyber-	IEEE TRANSACTIONS ON CYBERNETICS
郭政儒, 郝强, 杨松, 刘婷婷, 胡红, 曾和平	Octave-Spanning Supercontinuum Generation From an NALM Mode-Locked Yb-Fiber Laser System	IEEE PHOTONICS JOURNAL
丁德锐, 魏国亮, 张孙杰, 刘玉荣, Alsaadi, Fuad E.	On scheduling of deception attacks for discrete-time networked systems equipped with attack detectors	NEUROCOMPUTING
田甜, 蔡斌, 叶天明, 程庆庆, 展鹏, 徐公杰, 张玲, 杉原兴浩	One-minute self-assembly of millimetre-long DAST crystalline microbelts via substrate-supported rapid evaporation crystallization	RSC ADVANCES
焦新兵, 柏雪, 赵新未, 郝蕊蕊, 潘倩	Optical beam shift induced by direct current	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE
Zahid, A, 戴博, 洪瑞金, 张大伟	Optical properties study of silicone polymer PDMS substrate surfaces modified by plasma treatment	MATERIALS RESEARCH EXPRESS
Huang Ren-Gui [^] Chen Jie [^] Liang Yan [^] Shen Xu-Ling [^] Zeng He-	Optical time domain reflectometer based on dual repetition rates	JOURNAL OF INFRARED AND MILLIMETER WAVES
倪文进, 陈杰, 梁焰, 曾和平	Optical time domain reflectometer based on high-speed single-photon	JOURNAL OF INFRARED AND MILLIMETER WAVES
张伟, 王亚刚, 张卫东	Optimal disturbance rejection controller design for integrating processes with dead time based on	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE
陈飞鸿, 郝强, 曾和平	Optimization of an NALM Mode-Locked All-PM Er:Fiber Laser System	IEEE PHOTONICS TECHNOLOGY LETTERS
孙伟卿, 谈一鸣, 叶磊, 陈顺风	Optimizing the Load Curve of Electric Vehicle Battery Swapping Station	ELEKTRONIKA IR ELEKTROTECHNIKA
方朝龙, 戴博, 徐巧, 王琦, 张大伟	Optofluidic Tunable Linear Narrow-Band Filter Based on Bragg Nanocavity	IEEE PHOTONICS JOURNAL
夏桐楠, 郭汉明, 胡金兵, 庄松林	Parameter determination and transformation for the focusing of dielectric microspheres illuminated by optical needle	SCIENTIFIC REPORTS
杨晖, 张北帆, 李然, 郑刚, Zivkovic	Particle dynamics in avalanche flow of irregular sand particles in the slumping regime of a rotating drum	POWDER TECHNOLOGY
文静 冯辉 陈建农 王康 吕亚婷 钟阳万 张	Plasmonic Holographic Metasurfaces for Generation of Vector Optical Beams	IEEE PHOTONICS JOURNAL
郭亮, 王琦, 黄元申, 张大伟	Portable organic gas detection sensor based on the effect of guided-mode resonance	AIP ADVANCES
焦新兵, 沈杨帆, 赵新未, 文静	Properties of Garnet Monolayer Graphene Depolarizer	IEEE PHOTONICS JOURNAL
Huang, J. [^] Liang, P. [^] Xu, J. [^] Wu, Y. [^] Shen, W. [^] Xu, B. [^] Zhang, D. [^] Xia, J. [^] Zhuang, S.	Qualitative and quantitative determination of coumarin using surface-enhanced Raman spectroscopy coupled with intelligent multivariate analysis	RSC ADVANCES

文静 王康 冯辉 吕亚婷 陈建农 张大伟	Quantum dot based detections of propagating plasmonic modes excited by bowtie antennas	LASER PHYSICS
陶春先, 杨波, 李振庆, 张大伟, 山口佳	Real-time Tracking of DNA Fragment Separation by Smartphone	JOVE-JOURNAL OF VISUALIZED EXPERIMENTS
尹钟, 赵梦媛, 王永雄, 杨晶东, 张建华	Recognition of emotions using multimodal physiological signals and an ensemble deep learning model	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE
方玉玲, 陈庆奎	RGCA: A Reliable GPU Cluster Architecture for Large-Scale Internet of Things Computing Based on Effective Performance-Energy Optimization	SENSORS
胡金兵, 夏桐楠, 蔡小舒, 田盛楠, 郭汉明, 庄松林	Right- and left-handed rules on the transverse spin angular momentum of a surface wave of photonic crystal	OPTICS LETTERS
刘帅, 宋燕, 魏国亮, 黄雪刚	RMPC-based security problem for polytopic uncertain system subject to deception attacks and persistent disturbances	IET CONTROL THEORY AND APPLICATIONS
罗玉强, 王子栋, 魏国亮, Fuad E. Alsaadi	Robust H-infinity Filtering for a Class of Two-Dimensional Uncertain Fuzzy Systems With Randomly Occurring Mixed Delays	IEEE TRANSACTIONS ON FUZZY SYSTEMS
梁焰, 陈圆金, 黄梓楠, 白郭敏, 喻敏, 曾和平	Room-Temperature Single-Photon Detection With 1.5-GHz Gated InGaAs/InP Avalanche Photodiode	IEEE PHOTONICS TECHNOLOGY LETTERS
金涛, 沈璐, Hosaka, Sumio, Yin, You, Miura, Takeshi, 侯文玫	Scanning Near Field Circular Polarization Optical Microscope for Measuring Magnetic Nanodot Arrays	SCIENCE OF ADVANCED MATERIALS
郝强, 王云峰, 罗鹏, 胡红, 曾和平	Self-starting dropout-free harmonic mode-locked soliton fiber laser with a low timing jitter	OPTICS LETTERS
刘帅, 魏国亮, 宋燕, 丁德锐	Set-membership state estimation subject to uniform quantization effects and communication constraints	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS
仰敏, 张玲, 陈彬, 王铮, 陈超, 曾和平	Silver nanoparticles decorated nanoporous gold for surface-enhanced Raman scattering	NANOTECHNOLOGY
谷付星, 谢富名, 林星, 令狐双艺, 方伟, 曾和平, 童利民, 庄松林	Single whispering-gallery mode lasing in polymer bottle microresonators via spatial pump engineering	LIGHT-SCIENCE & APPLICATIONS
谢富名, 姚妮, 方伟, 王海凤, 谷付星, 庄松林	Single-mode lasing via loss engineering in fiber-taper-coupled polymer bottle microresonators	PHOTONICS RESEARCH
陈超, 张玲, 仰敏, 陶春先, 韩朝霞, 陈彬, 曾和平	Size and distance dependent fluorescence enhancement of nanoporous gold	OPTICS EXPRESS
于佳鑫, 南君义, 曾和平	Size control of nanoparticles by multiple-pulse laser ablation	APPLIED SURFACE SCIENCE
汪丹妮, 陈麟, 方波, 朱亦鸣	Spoof Localized Surface Plasmons Excited by Plasmonic Waveguide Chip with Corrugated Disk Resonator	PLASMONICS
王宁, 陈明明, 贾宏志, 金涛, 谢继龙	Study of Voltage-Controlled Characteristics for Thermoelectric Coolers	JOURNAL OF ELECTRONIC MATERIALS
马宏亮, 梁斌明, 庄松林, 牛金科, 陈家璧	Study on focusing of subwavelength imaging of a point source based on two-dimensional photonic crystals	OPTICS LETTERS

于佳鑫, 廖风, 刘方, 谷付星, 曾和平	Surface-enhanced fluorescence in metal nanoparticle-doped polymer nanofibers via waveguiding excitation	APPLIED PHYSICS LETTERS
盛斌, 罗露雯, 黄元申, 陈国华, 周红艳, 张大伟, 庄松林	Tailorable Elastomeric Grating With Tunable Groove Density Gradient	IEEE PHOTONICS JOURNAL
张艳, 顾叠宝, 季达峰	The design and application of a customized navigation board for lumbar disc ablation	COMPUTER ASSISTED SURGERY
石勇, 李柏承, 赵曼彤, 周瑶, 张大伟	The design of LED rectangular uniform illumination lens system	OPTIK
彭焉庭, 贾宏志, 方良	Theoretical analysis of hollow ring-core optical fibre for transmitting orbital angular momentum modes	JOURNAL OF MODERN OPTICS
许勋, 贾宏志, 雷雨, 贾春华, 刘刚, 柴俊宇, 彭焉庭, 谢继龙	Theoretical proposal of a low-loss wide-bandwidth silicon photonic crystal fiber for supporting 30 orbital angular momentum modes	PLOS ONE
陶春先, 阮俊, 舒顺朋, 卢忠荣, 洪瑞金, 张大伟, 韩朝霞	Thickness Dependence of Ultraviolet-excited Photoluminescence Efficiency of Lumogen Film Coated on Charge-coupled Device	CURRENT OPTICS AND PHOTONICS
冯吉军, 秋本良一, 郝强, 曾和平	Three-Dimensional Cross-Coupled Silicon Nitride Racetrack Resonator-Based Tunable Optical Filter	IEEE PHOTONICS TECHNOLOGY LETTERS
詹秋芳, 张荣福, 苗玉, 王冠学, 禄鑫淼, 高秀敏	Topological charge determination of linearly polarized Lorentz-Gaussian vortex beam	OPTIK
朱亦鸣, 孙青云, 徐嘉明, 陈麟	Transition From Surface Cavity Mode to Cavity Mode in Deep-Grooved Parallel Plate Waveguide	IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS
曾祥堦, 苗玉, 王冠学, 詹秋芳, 洪瑞金, 张荣福	Tunable optical gradient force of radially polarized Lorentz-Gauss vortex beam by sine-azimuthal variation wavefront	OPTIK
文静 王康 冯辉 陈建农 高秀敏 洪瑞金 张大伟	Ultra-Broadband Excitations of Plasmonic Waveguides by Bowtie Apertures	PLASMONICS
蔡斌, 陈海涛, 徐公杰, 赵红卫, 杉原兴刘一, 丁鹏基, 勒文. 考萨维克, 撒谬. 本葛松, 陈世华, 罗斯. 丹尼娄, 艾玛, 辛普森, 艾斯本. 拉赫生, 张翔, 范政权, 奥黑利安. 赫化得, 约翰. 马缙生, 安娜. 昱晔, 高何德. 阿赫奴, 庄松林, 弗拉迪米尔. 提	Ultra-Broadband THz Antireflective Coating with Polymer Composites	POLYMERS
李柏承, 周瑶, 赵曼彤, 侯宝璐, 张大伟, 王琦, 黄元申	Unexpected Sensitivity of Nitrogen Ions Superradiant Emission on Pump Laser Wavelength and Duration	PHYSICAL REVIEW LETTERS
肖寒, 李毅, 方宝英, 王晓华, 刘志敏, 张娇, 李政鹏, 黄雅琴, 裴江恒	Visible and Near-Infrared Hyper-Spectral Imaging for the Identification of the Type of Wax on	JOURNAL OF FOOD PROCESSING AND PRESERVATION
王康妮; 郑继红; 刘悠嵘; 陆飞跃; 高辉; 庄松林	Voltage-induced switching dynamics based on an AZO/V02/AZO sandwiched structure	INFRARED PHYSICS & TECHNOLOGY
	Wide-viewing-angle switchable image splitter obtained using varied-line-spacing H-PDLC Bragg grating	LIQUID CRYSTALS

张晓东, 侯扶林, 杨阳, 王玉新, 刘宁, 陈丹, 杨一琼	A facile synthesis for cauliflower like CeO ₂ catalysts from Ce-BTC precursor and their catalytic performance for CO oxidation	APPLIED SURFACE SCIENCE
杨一琼	A facile synthesis for porous CuO/Cu ₂ O composites derived from MOFs and their superior catalytic performance for CO oxidation	INORGANIC CHEMISTRY COMMUNICATIONS
王燕刚, 孙冠武, 戴家琪, 橙广, 摩哥斯登, 王彦斌, 康诗飞, 祝明伟, 策底哈斯, 崔立峰, 胡良兵	A High-Performance, Low-Tortuosity Wood-Carbon Monolith Reactor	ADVANCED MATERIALS
Gao, Xiangxiang [*] Liu, Jiaping [*] Hu, Rongrong [*] Akashi, Yasunori [*] Sumiyoshi,	A simplified model for dynamic analysis of the indoor thermal environment of rooms with a Chinese kang	BUILDING AND ENVIRONMENT
杨一琼	Adsorption behavior of perchlorate removal from aqueous solution using MgAlCe hydrotalcite-like compounds	DESALINATION AND WATER TREATMENT
闻海峰	Adsorption of anionic surfactants from aqueous solution by high content of primary amino crosslinked chitosan microspheres	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES
常飞, 王晓方, 罗介茹, 王杰, 谢运超, 邓保庆, 胡学锋	Ag/Bi ₂ WO ₆ composite: A case study of visible-light-driven plasmonic photocatalyst	MOLECULAR CATALYSIS
Shi, Huancong [*] Zhou, Yunlong [*] Si, Mengyin [*] Zuo, Yuanhui [*] Kang, Shifei [*] Wang, Yangang [*] Cui, Lifeng [*] Idem, Raphael [*] Tontiwachwuthikul, Paitoon [*] Liang,	Amine regeneration tests on MEA, DEA, and MMEA with respect to carbamate stability analyses	CANADIAN JOURNAL OF CHEMICAL ENGINEERING
Chen, You-Liang [*] Wang, Su-Ran [*] Ni, Jing [*] Azzam, Rafiq [*] Fernandez-Steege, Tomas Manuel	An experimental study of the mechanical properties of granite after high temperature exposure based on mineral characteristics	ENGINEERING GEOLOGY
张治国, 张孟喜, 姜蕴娟, 白乔木, 赵其华	Analytical prediction for ground movements and liner internal forces induced by shallow tunnels considering non-uniform convergence pattern and ground-liner interaction mechanism	SOILS AND FOUNDATIONS
胡守波, 李亮, 罗梦玉, 袁亚峰, 张章堂	Aqueous norfloxacin sonocatalytic degradation with multilayer flower-like ZnO in the presence of	ULTRASONICS SONOCHEMISTRY
黄晨	Associations between heavy traffic near residence and childhood health outcomes as modified by bedroom floor level and bedroom ventilation	BUILDING AND ENVIRONMENT
蔡晴, 刘成路, 印朝闯, 黄伟, 崔立峰、史焕聪, 方学友, 张璐, 康诗飞, 王燕刚*	Biotemplating Synthesis of Graphitic Carbon-Coated TiO ₂ and Its Application as Efficient Visible-Light-Driven Photocatalyst for Cr ⁶⁺ Remove	ACS SUSTAINABLE CHEMISTRY & ENGINEERING

黄晨, 刘炜, 蔡姣	Breastfeeding and timing of first dietary introduction in relation to childhood asthma, allergies, and airway diseases: A cross-sectional	JOURNAL OF ASTHMA
Wang, Yin [^] Xiong, Yang [^] Wang, Jiayuan [^] Zhang, Xiaodong	Cellulose carbon xerogel supported double-perovskite nanoparticles as a versatile and efficient catalyst for the degradation of humic acid under microwave irradiation	CATALYSIS COMMUNICATIONS
吕娟, 王林, 李咏梅	Characterization of N-nitrosodimethylamine formation from the ozonation of ranitidine	JOURNAL OF ENVIRONMENTAL SCIENCES
Liu, Jianqing [^] Shi, Wenjian [^] Liu, Yue [^] Ou-Yang,	Chemically modified chitosan polymers for bromate removal	WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY
黄远东 宋也	Comments on the paper "Outdoor ventilation performance of various configurations of a layout of two adjacent buildings under isothermal conditio	BUILDING SIMULATION
高玉琼, 高乃云, 尹大强, 陈菊香	Comparative study of naproxen degradation in water by UV/persulfate and UV/H2O2 processes	DESALINATION AND WATER TREATMENT
邓保庆, 司胤兵, 王佳	Developing semi-analytical solution for multiple-zone transient storage model with spatially non-uniform	JOURNAL OF HYDROLOGY
倪静, 陈有亮, 王苏然, 彭斌, Rafig Azzam	Effect of chemical erosion and freeze-thaw cycling on the physical and mechanical characteristics of granites	BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT
黄远星, 张道方, 许智华, 袁时珏, 李源恒, 王澈	Effect of overlying water pH, dissolved oxygen and temperature on heavy metal release from river sediments under laboratory conditions	ARCHIVES OF ENVIRONMENTAL PROTECTION
张晓东, 王玉新, 侯扶林, 李红欣, 杨阳, 张欣欣, 杨一	Effects of Ag loading on structural and photocatalytic properties of flower-like ZnO microspheres	APPLIED SURFACE SCIENCE
张晓东, 杨阳, 吕旭天, 王玉新, 崔立峰	Effects of Preparation Method on the Structure and Catalytic Activity of Ag-Fe2O3 Catalysts Derived from MOFs	CATALYSTS
康诗飞, 秦恒飞, 张璐, 黄永葵, 柏霞, 李溪, 孙迪, 王燕刚, 崔立峰	Efficient Photocatalytic Bilirubin Removal over the Biocompatible Core/Shell P25/g-C3N4 Heterojunctions with Metal-free Exposed Surfaces under Moderate Green Light Irradiation	SCIENTIFIC REPORTS
Rao, Ping-Ping [^] Chen, Qingsheng [^] Li, Lin [^] Nimbalkar,	Elastoplastic Solution for Spherical Cavity Expansion in Modified Cam-Clay Soil under Drained Condition	INTERNATIONAL JOURNAL OF GEOMECHANICS
李亮, 姚吉, 方学友, 黄远星, 穆岩	Electrolytic ammonia removal and current efficiency by a vermiculite-packed electrochemical reactor	SCIENTIFIC REPORTS
黄蓓佳, 赵娟, 耿涌, 田一辉, 蒋平	Energy-related GHG emissions of the textile industry in China	RESOURCES CONSERVATION AND RECYCLING
方学友, 宋佳玲, 史焕聪, 康诗飞, 李亚光, 孙冠武, 崔立峰	Enhanced efficiency and stability of Co0.5Cd0.5S/g-C3N4 composite photocatalysts for hydrogen evolution from water under visible light irradiation	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY

周海东 张喆 王蒙 胡涛 王紫琪	Enhancement with physicochemical and biological treatments in the removal of pharmaceutically active compounds during sewage sludge anaerobic digestion processes	CHEMICAL ENGINEERING JOURNAL
黄蓓佳, 赵娟, 柴径阳, 薛冰, 赵凤王翔宇	Environmental influence assessment of China's multi-crystalline silicon (multi-Si) photovoltaic modules considering recycling process	SOLAR ENERGY
曲明璐, 樊亚男, 陈剑波, 李天瑞, 李钊, 李贺	Experimental study of a control strategy for a cascade air source heat pump water heater	APPLIED THERMAL ENGINEERING
于国清	Experimental verification of state space model and thermal performance analysis for active solar walls	SOLAR ENERGY
杨一琼	Facile synthesis of Ag/KIT-6 catalyst via a simple one pot method and application in the CO oxidation	JOURNAL OF POROUS MATERIALS
谷麟,	Facile synthesis of magnetic sludge-based carbons by using Electro-Fenton activation and its performance in dye degradation	BIORESOURCE TECHNOLOGY
Chen, Wei-fang [^] Lu, Weipeng [^] Zhang, Sijia [^] Xie, Xiaobing [^] He, Fei-fei [^] Chen, Zai	Factors that affect carbothermal synthesis of nanoscale zero-valent iron supported activated carbon and its use as dechlorination agent of hexachlorobenzene	DESALINATION AND WATER TREATMENT
康诗飞, 张璐, 印朝闯, 李亚光, 崔立峰, 王燕刚	Fast flash frozen synthesis of holey few-layer g-C ₃ N ₄ with high enhancement of photocatalytic reactive oxygen species evolution under visible light irradiation	APPLIED CATALYSIS B-ENVIRONMENTAL
Zhang, Juhui [^] Ling, Xiaozheng [^] Guan, Zhongguo	Finite element modeling of concrete cover crack propagation due to non-uniform corrosion of reinforcement	CONSTRUCTION AND BUILDING MATERIALS
李涛	Generalized Chemical Langevin Equation for Chemical Reaction Systems	MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUTER CHEMISTRY
方学友, 宋佳玲, 蒲婷婷, 王晨晖, 印朝闯, 王俊杰, 康诗飞, 史焕聪, 左元慧, 王燕刚, 崔立峰	Graphitic carbon nitride-stabilized CdS@CoS nanorods: An efficient visible-light-driven photocatalyst for hydrogen evolution with enhanced photo-corrosion resistance	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY
Chen, Weifang [^] Qu, Yan [^] Xu, Zhihua [^] He, Feifei [^] Chen, Zai [^] Huang, Sisi [^] Li, Yuxiang	Heavy metal (Cu, Cd, Pb, Cr) washing from river sediment using biosurfactant rhamnolipid	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
史焕聪, 周云龙, 左元慧	Heterogeneous catalysis of CO ₂ -diethanolamine absorption with MgCO ₃ and CaCO ₃ and comparing to non-catalytic CO ₂ -monoethanolamine	REACTION KINETICS MECHANISMS AND CATALYSIS
孙婵娟, 黄晨, 刘炜, 邹志军, 胡宇, 沈丽	Home dampness-related exposures increase the risk of common colds among preschool children in Shanghai, China: Modified by household	BUILDING AND ENVIRONMENT
蔡姣, 刘炜, 胡宇, 邹志军, 沈丽, 黄晨	Household environment, lifestyle behaviors, and dietary habits in relation to childhood atopic eczema in Shanghai, China	INTERNATIONAL ARCHIVES OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH

黄晨, 刘炜, 蔡姣	Household formaldehyde exposure and its associations with dwelling characteristics, lifestyle behaviours, and childhood health outcomes in Shanghai, China	BUILDING AND ENVIRONMENT
康诗飞, 张璐, 刘成路, 黄丽华, 史焕聪, 崔立峰	Hydrogen Peroxide Activated Commercial P25 TiO ₂ as Efficient Visible-light-driven Photocatalyst on Dye	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE
黄远东, 宋也, 许璇, 何文荣, 金昌宁	Impacts of Upstream Building Height and Stack Location on Pollutant Dispersion from a Rooftop Stack	AEROSOL AND AIR QUALITY RESEARCH
曲明璐, 李天瑞, 邓仕明, 樊亚男, 李钊	Improving defrosting performance of cascade air source heat pump using thermal energy storage based reverse cycle defrosting method	APPLIED THERMAL ENGINEERING
Zhen, Bin [^] Xu, Jian [^] Song, Zigen	Influence of nonlinearity on transition curves in a parametric pendulum system	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION
Wang, Xin [^] Shen, Shuren [^] Du, Guangyao [^] Dai, Yuntian	Interaction mechanism model for a nonisothermal air jet and a buoyant plume	ADVANCES IN MECHANICAL ENGINEERING
王海东, 芦赛, 程佳佳	Inverse modeling of indoor instantaneous airborne contaminant source location with adjoint probability-based method under dynamic	BUILDING AND ENVIRONMENT
王海东, 汤晓岑, 黄晨	Investigating ventilation system performance in large space building: A nozzle primary air supply with secondary airflow-relay system	SCIENCE AND TECHNOLOGY FOR THE BUILT ENVIRONMENT
高玉琼, 高乃云, 楚文海, 杨琴琳, 尹大强	Kinetics and mechanistic investigation into the degradation of naproxen by a UV/chlorine process	RSC ADVANCES
Rao, Pingping [^] Chen, Qingsheng [^] Nimbalkar, Sanjay [^] Liu, Yang	Laboratory study on impulse current characteristics of clay	ENVIRONMENTAL GEOTECHNICS
Rao, Pingping [^] Zhao, Linxue [^] Chen, Qingsheng [^] Li, Lin	Limit analysis approach for accessing stability of three-dimensional (3-D) slopes reinforced with piles	MARINE GEORESOURCES & GEOTECHNOLOGY
Wang, Guan [^] Ren, Feifan [^] Chen, Jiao [^] Liu, Yuan [^] Ye, Fangzhou [^] Oldfield, Frank [^] Zhang, Weiguo [^] Zhang, Xiaodong	Magnetic evidence of anthropogenic dust deposition in urban soils of Shanghai, China	CHEMIE DER ERDE-GEOCHEMISTRY
黄文远, 刘宁, 张晓东, 吴明红, 唐量	Metal organic framework g-C ₃ N ₄ /MIL-53(Fe) heterojunctions with enhanced photocatalytic activity for Cr(VI) reduction under visible light	APPLIED SURFACE SCIENCE
刘炜, 黄晨, 蔡姣	Multimorbidities of asthma, allergies, and airway illnesses in childhood: Chance or not chance?	JOURNAL OF ASTHMA
Huancong Shi, Teeradet Supap, Raphael Idem, Don Gelowitz, Colin Campbell, and Max Ball	Nitrosamine Formation in Amine-Based CO ₂ Capture in the Absence of NO ₂ : Molecular Modeling and Experimental Validation	ENVIRONMENTAL SCIENCE & TECHNOLOGY

Yue, Pujie [^] Zhang, Zhongxiao [^] Zhang, Jian [^] Bi, Degui	NOx reduction by urea solution in fuel-rich pulverized coal combustion	ENERGY SOURCES PART A- RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS
重复认领	Nutrient sequestration from wastewater by using zeolite Na-Pl synthesized from coal fly ash	ENVIRONMENTAL TECHNOLOGY
Gu, Lin [^] Wu, Sifan [^] Li, Binglian [^] Wen, Haifeng [^] Zhang, Daofang [^] Ye, Jianfeng [^] Wang,	Persulfate oxidation assisted hydrochar production from Platanus Orientalis Leaves: Physiochemical and combustion characteristics	BIORESOURCE TECHNOLOGY
Gu, ZhuJun [^] Li, Feipeng [^] Mao, Lingchen [^] Tao, Hong [^] Yang, Keming [^] Lin, Tong [^] Zhu, Yuanzhong	PHOSPHATE REMOVAL BY SEDIMENT-CEMENT MATERIALS	FRESENIUS ENVIRONMENTAL BULLETIN
许智华, 张道方, 袁 志航, 陈维芳, 张天 琦, 田丹琦, 邓海轩	Physicochemical and adsorptive characteristics of activated carbons from waste polyester textiles utilizing MgO template method	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
黄远星, 孙亚茹, 许 智华, 罗梦玉, 朱春 雷, 李亮	Removal of aqueous oxalic acid by heterogeneous catalytic ozonation with MnOx/sewage sludge-derived activated carbon as catalysts	SCIENCE OF THE TOTAL ENVIRONMENT
Liu, Hongbo [^] Song, Xiao [^] Guan, Yongnian [^] Pan, Ding [^] Li, Yanhua [^] Xu, Suyun [^] Fang, Yueying	Role of illumination intensity in microcystin development using Microcystis aeruginosa as the model algae	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
Ouyang, Li-Jun [^] Gao, Wan-Yang [^] Zhen, Bin [^] Lu, Zhou-Dao	Seismic retrofit of square reinforced concrete columns using basalt and carbon fiber-reinforced polymer sheets: A comparative study	COMPOSITE STRUCTURES
Liu, Hongbo [^] Leng, Feng [^] Guan, Yonglian [^] Yao, Yangyang [^] Li, Yanhua [^] Xu, Suyun	Simultaneous Pollutant Removal and Electricity Generation in a Combined ABR-MFC-MEC System Treating Fecal Wastewater	WATER AIR AND SOIL POLLUTION
黄晨, 蔡姣	Solving model of temperature and humidity profiles in spray cooling	BUILDING AND ENVIRONMENT
毛凌晨, 叶华, 李飞 鹏, 陶红, 施柳, 陈 玲, 史伟玲, 颜耕, 陈浩	Source-oriented variation in trace metal distribution and fractionation in sediments from developing aquaculture area-A case study in south Hangzhou bay, China	MARINE POLLUTION BULLETIN
黄莹莹, 施文健, 张 彩虹, 闻海峰	Spectrophotometric Determination of Nitrogen Oxides in the Air with 2-N- Ethyl-5-Naphthol-7-Sulfonic Acid	JOURNAL OF APPLIED SPECTROSCOPY
施文健	Study on the synthesis of ADA chelating cellulose and its adsorptive	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY
崔立峰, 赵迪, 杨 阳, 王玉新, 张晓东	Synthesis of highly efficient alpha- Fe2O3 catalysts for CO oxidation derived from MIL-100(Fe)	JOURNAL OF SOLID STATE CHEMISTRY
张晓东, 李红欣, 侯 扶林, 杨阳, 董寒, 刘宁, 王玉新, 崔立	Synthesis of highly efficient Mn2O3 catalysts for CO oxidation derived from Mn-MIL-100	APPLIED SURFACE SCIENCE

周海东 王瑾雅丹 刘建波 应天骐 轩玉梅	Temporal and spatial features of selected wastewater-marking pharmaceuticals and potential mechanisms of their removal from urban	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
李钊, 陈剑波, 于海照, 崔凌闯	The development and experimental performance evaluation on a novel household variable refrigerant flow based temperature humidity independently controlled radiant air conditioning system	APPLIED THERMAL ENGINEERING
邓保庆, 丁琼, 葛大强	Three dimensional Eulerian-Eulerian simulation on hydrodynamics in dissolved air flotation tank with different turbulence models	WATER SCIENCE AND TECHNOLOGY
刘成路, 蔡晴, 张璐, 崔立峰, 方学友、康诗飞, 王燕刚*	Tryptone based synthesis of TiO ₂ @graphite carbon heterojunction with enhanced Photoreduction activity under visible light	CATALYSIS COMMUNICATIONS
Wang, Yin [^] Xiong, Yang [^] Wang, Jiayuan [^] Zhang, Xiaodong	Ultrasonic-assisted fabrication of montmorillonite-lignin hybrid hydrogel: Highly efficient swelling behaviors and super-sorbent for dye removal from wastewater	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS
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周龙, 郑岳久, 欧阳明高, 卢兰光	A study on parameter variation effects on battery packs for electric vehicles	JOURNAL OF POWER SOURCES
胡育佳, 柳明, 朱卫东	An adaptive differential quadrature element method for large deformation contact problems involving curved beams with a finite number of contact	INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES
江小辉、王艺斐、丁子珊、李郝林	An approach to predict the distortion of thin-walled parts affected by residual stress during the milling	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY
孙涛, Assadian Francis, Du, Pei-pei	An integrated mechanical/control design approach to optimisation of an electric power steering system under objective evaluation of vehicle handling and stability	INTERNATIONAL JOURNAL OF VEHICLE DESIGN
刘欣荣, 汪中厚	Analysis of Contact Part of Error Tooth Surface and Dynamic Performance Prediction for Involute Gear	MATHEMATICAL PROBLEMS IN ENGINEERING
李天箭, 吴涛, 丁晓红, 陈虹, 王磊	Design of an internally cooled turning tool based on topology optimization and CFD simulation	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY
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沈凯, 李方博, 张振东, 孙跃东, 尹丛勃	Effects of LP and HP cooled EGR, on performance and emissions in turbocharged GDI engine	APPLIED THERMAL ENGINEERING

郑佩, 丁伯阳, 孙秀婷	Elastic wave attenuation and dispersion induced by mesoscopic flow in double-porosity rocks	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES
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姜晨, 许继鹏, 王春华	Experimental investigation of subsurface damage of optical glass in precision grinding using a brittle material removal fraction	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY
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王艳, 贺独醒, 杨林	Formation mechanism of surface topography in low-speed wire electrical discharge machining Inconel 718 and its on-line prediction based on acoustic emission technology	ADVANCES IN MECHANICAL ENGINEERING
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郑佩, 程宏达	One-dimensional analytical solution for mesoscopic flow induced damping in a double-porosity dual-permeability material	INTERNATIONAL JOURNAL FOR NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS
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赵金星	Research and application of over-expansion cycle (Atkinson and Miller) engines - A review	APPLIED ENERGY
范开国	Research on the machine tool's temperature spectrum and its application in a gear form grinding	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY
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孙秀婷, 徐鉴	The effect and design of time delay in feedback control for a nonlinear isolation system	MECHANICAL SYSTEMS AND SIGNAL PROCESSING
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赵金星, 李元辉, 徐方长	The effects of the engine design and operation parameters on the performance of an Atkinson engine considering heat-transfer, friction, combustion efficiency and variable	ENERGY CONVERSION AND MANAGEMENT
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江小辉、张振亚、丁子珊、Fergani Omar、Liang Steven Y	Tool overlap effect on redistributed residual stress and shape distortion produced by the machining of thin-walled aluminum parts	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY
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寇志起, 纪昌炎, 杨飞宇, 杨丽萍, 王小平	Influence of Micro-Cavity Effect and Architecture in the Blue Phosphorescent Organic Light-Emitting	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY
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李硕, 郭宁, 梁启蒙, 邓虹宵	Red Phosphors Doped by Eu Used in White LED	CHINESE JOURNAL OF INORGANIC CHEMISTRY
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裴靖雯, 余志先, 周慧玲	Stability of Traveling Wavefronts for a Delayed Lattice System with Nonlocal Interaction	TAIWANESE JOURNAL OF MATHEMATICS
赵玉、原三领、张同华	Stochastic periodic solution of a non-autonomous toxic-producing phytoplankton allelopathy model with environmental fluctuation	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION
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郝美凤, 肖明书, 晏玉华, 缪煜清	Synthesizing amorphous Ni-P micro-/nano-composites with perfect roundness or embryo-like structures	ADVANCED POWDER TECHNOLOGY
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徐建	The GLM representation of the global relation for the two-component nonlinear Schrodinger equation on the	JOURNAL OF MATHEMATICAL PHYSICS
姜志进, 黄艳, 张海利, 张禹	The hydrodynamic description of pseudorapidity distributions at lower energies at BNL-RHIC	PRAMANA-JOURNAL OF PHYSICS
庄科俊, 贾高	The joint effects of diffusion and delay on the stability of a ratio-dependent predator-prey model	ADVANCES IN DIFFERENCE EQUATIONS
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李晓晨, 刘锡平, 贾梅, 张鲁潮	The positive solutions of infinite-point boundary value problem of fractional differential equations on the infinite interval	ADVANCES IN DIFFERENCE EQUATIONS
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郝美凤, 法德娟, 钱丽红, 缪煜清	Ultrafine nanoparticles of Bi ₂ WO ₆ /NiWO ₄ exhibiting high photocatalytic degradation toward Rh B	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS
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张海强, 胡瑞, 张梦月	Darboux transformation and dark soliton solution for the defocusing Sasa-Satsuma equation	APPLIED MATHEMATICS LETTERS
章国庆	Ground state solitary waves for the planar Schrodinger-Poisson system	APPLICABLE ANALYSIS
罗大海, 黄典贵, 孙晓晶, 郑钟泉	A Computational Study on the Performance Improvement of Low-Speed Axial Flow Fans with Microplates	JOURNAL OF APPLIED FLUID MECHANICS
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纪晓明, 苏明旭, 陈军, 汪雪, 蔡小舒	A novel method for plastic particle sizing in suspension based on acoustic impedance spectrum	ULTRASONICS
肖媛, 崔国民	A novel Random Walk algorithm with Compulsive Evolution for heat exchanger network synthesis	APPLIED THERMAL ENGINEERING
张红亮, 崔国民, 肖媛, 陈家星	A novel simultaneous optimization model with efficient stream arrangement for heat exchanger network	APPLIED THERMAL ENGINEERING
姜林林, 柳建华, 张良, 徐小进	A research on the dryout characteristics of CO ₂ 'S flow boiling heat transfer process in mini-channels	INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID
孙晓晶, 龚新宇, 黄典贵	A review on studies of the aerodynamics of different types of maneuvers in dragonflies	ARCHIVE OF APPLIED MECHANICS
顾建飞, 杨荟楠, 凡凤仙, 苏明旭	A transmission and reflection coupled ultrasonic process tomography based on cylindrical miniaturized transducers using PVDF films	JOURNAL OF INSTRUMENTATION
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宋艳萍, 孙晓晶, 黄典贵, 郑钟权	Aerodynamic Design and Performance Assessment of a Centripetal-Flow Fan	JOURNAL OF APPLIED FLUID MECHANICS
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朱兵, 陈红勋	Analysis of the Staggered and Fixed Cavitation Phenomenon Observed in Centrifugal Pumps Employing a Gap Drainage Impeller	JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME
陆威, 张涛, 吴宇鹏	Analytical solutions of force convective heat transfer in plate heat exchangers partially filled with metal	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER
王金阳, 崔国民, 肖媛, 罗行, Kabelac, Stephan	Bi-level heat exchanger network synthesis with evolution method for structure optimization and memetic particle swarm optimization for parameter optimization	ENGINEERING OPTIMIZATION
宋丹萍, 甘内斯, 韩颖颖, 吴国荣, 刘宝林	Camellia sinensis seeds are desiccation-tolerant but do not store well at sub-zero temperatures	SEED SCIENCE AND TECHNOLOGY
刘磊、金晶、侯封校、李生娟、李常华	Catalytic effects of calcium and potassium on a curved char surface in fuel reburning: A first-principles study on the adsorption of nitric oxide on single-wall carbon nanotubes with metal decoration	ENERGY
王莹, 肯威廉, 马克琼斯, 陈斌	CFD simulation methodology for gas-solid flow in bypass pneumatic conveying - A review	APPLIED THERMAL ENGINEERING
姜林林, 柳建华, 张良, 刘旗, 徐小进	Characteristics of heat transfer for CO ₂ flow boiling at low temperature in mini-channel	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER
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郝文星、李春、叶舟、阳君、丁勤卫	Computational study on wind turbine airfoils based on active control for deformable flaps	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY
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谭琛川, 贾志海, 杨荟楠, 张志韬	Dynamic behavior of a vibrated droplet on a low-temperature micropillared surface	APPLIED SURFACE SCIENCE
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纪方, 黄典贵	Effects of Reynolds number on energy extraction performance of a two dimensional undulatory flexible body	OCEAN ENGINEERING
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王子龙, 张华, 豆斌林, 黄华杰, 武卫东, 王治云	Experimental and numerical research of thermal stratification with a novel inlet in a dynamic hot water storage tank	RENEWABLE ENERGY
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李庆普, 陶乐仁, 李磊, 胡永攀, 吴生礼	Experimental Investigation of the Condensation Heat Transfer Coefficient of R134a inside Horizontal Smooth and Micro-Fin Tubes	ENERGIES
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许佳寅, 王志远, 徐宏, 张莉	Experimental research on the heat performance of a flat copper-water loop heat pipe with different	EXPERIMENTAL THERMAL AND FLUID SCIENCE
Karimi, 徐洪涛, 王治云, 陈建, 杨茉	Experimental study of a concentrated PV/T system using linear Fresnel lens	ENERGY
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吴腾马, 柳建华, 张良, 徐小进	Experimental study on multi-stage gas-liquid booster pump for working fluid pressurization	APPLIED THERMAL ENGINEERING
闫维纲, 沈阳, 安伟光, 姜林, 周洋, 孙金华	Experimental study on the width and pressure effect on the horizontal flame spread of insulation material	INTERNATIONAL JOURNAL OF THERMAL SCIENCES
胡卓焕, 何谐, 叶立, 杨茉, 秦桂花	Full-scale research on heat transfer and pressure drop of high flux plate heat exchanger	APPLIED THERMAL ENGINEERING
王文卿, 崔晓钰, 朱悦	Heat transfer performance of a pulsating heat pipe charged with acetone-based mixtures	HEAT AND MASS TRANSFER
豆斌林, 张华, 崔国民, 王子龙, 蒋博, 王凯强, 陈海生, 徐玉杰	Hydrogen production and reduction of Ni-based oxygen carriers during chemical looping steam reforming of ethanol in a fixed-bed reactor	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY
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周国梁, 苏林, 程怡, 吴龙兵	Investigating performance of microchannel evaporators for automobile air conditioning with different port structures	AIP ADVANCES
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缪维跑、李春、 Pavesi Giorgio、阳 君、谢晓芸	Investigation of wake characteristics of a yawed HAWT and its impacts on the inline downstream wind turbine using unsteady CFD	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS
杨阳、李春、张万福 、郭雪岩、袁全勇	Investigation on aerodynamics and active flow control of a vertical axis wind turbine with flapped airfoil	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY
刘少帅, 陈曦, 张安 阔, 吴亦农, 张华	Investigation on phase shifter of a 10 W/70 K inertance pulse tube refrigerator	INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID
秦彦斌, 王子龙, 张 华, 吴银龙	Investigation on vapor liquid equilibrium for strongly-zeotropic ternary mixture of 2,3,3,3- tetrafluoroprop-1-ene (R1234yf) + trifluoromethane (R23) + tetrafluoromethane (R14)	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER
闫维纲, 姜林, 安伟光, 周洋, 孙金华	LARGE SCALE EXPERIMENTAL STUDY ON THE FIRE HAZARD OF BUILDINGS' U-SHAPE FACADE WALL GEOMETRY	JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT
杨茉, 丁子文, 娄 钦, 王治云, 张玉文	Lattice Boltzmann Method Simulation of Natural Convection Heat Transfer in Horizontal Annulus	JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER
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臧晨强, 娄钦	Lattice Boltzmann simulation of immiscible displacement in the complex micro-channel	ACTA PHYSICA SINICA
徐洪涛, 王婷婷, 屈 治国, 陈建, 李贝贝	Lattice Boltzmann simulation of the double diffusive natural convection and oscillation characteristics in an enclosure filled with porous medium	INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER
熊志波 白鹏 周飞 武 超 陆威 金晶 丁士发	Magnetic iron-cerium-tungsten mixed oxide pellets prepared through critic acid sol-gel process assisted by microwave irradiation for selective catalytic reduction of NO _x with NH ₃	POWDER TECHNOLOGY
李峥, 杨茉, 何雅 玲, 张玉文	MASS BALANCE IN LATTICE BOLTZMANN METHOD WITH DIRICHLET VELOCITY BOUNDARY CONDITION	HEAT TRANSFER RESEARCH
杨杰	Micromechanical Analysis of In-Plane Constraint Effect on Local Fracture Behavior of Cracks in the Weakest Locations of Dissimilar Metal Welded Joint	ACTA METALLURGICA SINICA- ENGLISH LETTERS
周飞 熊志波 陆威 金 晶 丁旭春	Microwave-Pyrolysis-Assisted Preparation of Magnetic Iron-Titanium Mixed Oxide Catalyst for Selective Catalytic Reduction of NO _x with NH ₃	CLEAN-SOIL AIR WATER
陈家星, 崔国民, 段 欢欢	Multipopulation differential evolution algorithm based on the opposition- based learning for heat exchanger network synthesis	NUMERICAL HEAT TRANSFER PART A-APPLICATIONS
黄典贵, 张继化, 孙 晓晶	New method for harvesting energy from fluid flow based on undulatory motion	INTERNATIONAL JOURNAL OF GREEN ENERGY
李昊, 张守玉, 李尤, 幕晨, 张一帆, 江锋 浩, 王才威	Numerical Simulation and Experimental Research on Drying Behavior of a Single Lignite Particle (SLP) under High-Temperature Flue Gas	ENERGY & FUELS

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于登涛, 卞修涛, 孙晓晶, 黄典贵	Numerical study of the effect of motion parameters on propulsive efficiency for an oscillating airfoil	JOURNAL OF FLUIDS AND STRUCTURES
凡凤仙; 帕特里·J·R·埃里克; 珀舍尔·托尔	Origin of Granular Capillarity Revealed by Particle-Based Simulations	PHYSICAL REVIEW LETTERS
罗大海, 黄典贵, 孙晓晶	Passive flow control of a stalled airfoil using a microcylinder	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS
朱兵, 孙晓晶, 王莹, 黄典贵	Performance characteristics of a horizontal axis turbine with fusion winglet	ENERGY
应芝, 张耀, 郑晓园, 崔国民	Performance of electrochemical cell with various flow channels for Bunsen reaction in the sulfur-iodine hydrogen production process	ENERGY CONVERSION AND MANAGEMENT
武卫东, 吴俊, 后勇, 苏林, 张华	Predicting CO ₂ Solubility in Imidazole Ionic Liquids for Use in Absorption Refrigeration Systems by Using the Group Contribution Equation of State	INTERNATIONAL JOURNAL OF THERMOPHYSICS
宋艳萍, 孙晓晶, 黄典贵	Preliminary design and performance analysis of a centrifugal turbine for Organic Rankine Cycle (ORC)	ENERGY
曹睿, 祁影霞, 陈日帅	pVTx properties of binary RI234ze(E)/R600a system	JOURNAL OF CHEMICAL THERMODYNAMICS
郑晓园, 陈翀, 应芝, 王波, 池涌	Py-GC/MS Study on Tar Formation Characteristics of MSW Key Component Pyrolysis	WASTE AND BIOMASS VALORIZATION
丁勤卫、李春、李滨昕、郝文星、叶舟	Research on the Influence of Helical Strakes and Its Parameters on Dynamic Response of Platform of Floating Wind Turbine Based on Optimization Method of Orthogonal Design	JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME
丁勤卫、李春	Research on the influence of helical strakes on dynamic response of floating wind turbine platform	CHINA OCEAN ENGINEERING
王莹, 黄典贵, 韩伟, 欧阳超, 黄典贵	Research on the mechanism of power extraction performance for flapping hydrofoils	OCEAN ENGINEERING
贾志海, 陈梦瑶, 朱海涛	Reversible self-propelled Leidenfrost droplets on ratchet surfaces	APPLIED PHYSICS LETTERS
孙丽, 栾伟玲, 王统才, 苏文献, 章立新	Room-temperature CO Thermoelectric Gas Sensor based on Au/Co3O ₄ Catalyst	NANOTECHNOLOGY
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宋丹萍, 甘内斯, 韩颖颖, 刘宝林	Seed dormancy in Camellia sinensis L. (Theaceae): effects of cold-stratification and exogenous gibberellic acid application on	BOTANY
熊志波 刘晶 周飞 刘敦禹 陆威 金晶 丁士发	Selective catalytic reduction of NO _x with NH ₃ over iron-cerium-tungsten mixed oxide catalyst prepared by different methods	APPLIED SURFACE SCIENCE
杨帆, 阳海成, 严永华, 郭雪岩, 戴韧, 刘超群	Simulation of natural convection in an inclined polar cavity using a finite-difference lattice Boltzmann method	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY

郑晓园, 应芝, 崔洁, 王波, 陈建, 张琦	Simultaneous Dewatering and Recovering Oil from High-Viscosity Oily Sludge through the Combination Process of Demulsification, Viscosity Reduction, and Centrifugation	ENERGY & FUELS
杨荟楠, 石建伟, 苏明旭, 吴威, 蔡小舒	Simultaneous measurement of film thickness, temperature, and mass fraction of urea-water-solutions by multi-wavelength laser absorption spectroscopy	REVIEW OF SCIENTIFIC INSTRUMENTS
杨斌; 项延辉; 蔡小舒; 周骛; 刘浩; 黎石竹; 高伟	Simultaneous measurements of fine and coarse droplets of wet steam in a 330MW steam turbine by using imaging	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART A-JOURNAL OF
章立新, 李鑫, 高明, 马麟, 赵圣仙	Study on descaling characteristics of an induction-type electronic descaling device outside the heat transfer tubes of evaporative cooler	APPLIED THERMAL ENGINEERING
张冠华, 赵长颖	Synthesis and characterization of a narrow size distribution nano phase change material emulsion for thermal energy storage	SOLAR ENERGY
马有福, 杨丽娟, 吕俊复, 裴育峰	Techno-economic comparison of boiler cold-end flue gas heat recovery processes for efficient hard-coal-fired power generation	INTERNATIONAL JOURNAL OF ENERGY RESEARCH
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周洋伟, 侯龙锋, 黄典贵	The effects of Mach number on the flow separation control of airfoil with a small plate near the leading edge	COMPUTERS & FLUIDS
武卫东, 吴佳玮, 王益聪, 张华	The enhancing influence of nanoparticles on ammonia/water falling film absorption in binary nanofluids under pressure reducing conditions	JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY
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狄广强, 吴兆春, 黄典贵	The research on active flow control method with vibration diaphragm on a NACA0012 airfoil at different stalled angles of attack	AEROSPACE SCIENCE AND TECHNOLOGY
吴银龙, 张华, 张庆庆, 邱金勇, 芮胜军	The study of thermodynamic properties of zeotropic mixtures of R600a/R23/R14	ADVANCES IN MECHANICAL ENGINEERING
王子龙, 张华, 豆斌林, 黄华杰, 张冠华	The thermal stratification characteristics affected by a novel equalizer in a dynamic hot water storage tank	APPLIED THERMAL ENGINEERING
胡永攀, 陶乐仁, 李庆普, 李磊	Theoretical analysis of annular upward flow in vertical narrow channel heated from one side	ADVANCES IN MECHANICAL ENGINEERING
张万福, 杨建刚, 李春, 戴初, 杨爱玲	Theoretical and experimental research on turbo-generator shaft alignment using strain gauge method	JOURNAL OF VIBRATION AND CONTROL

安丽焕, 刘道平, 陈永军, 杨亮, 杨梦, 林发龙	Theoretical and experimental study on the lifting performance of bubble pump with variable cross-section lift tube	APPLIED THERMAL ENGINEERING
王栋, 陶乐仁	Thermodynamic analysis of CO2 blends with R41 as an azeotropy refrigerant applied in small refrigerated cabinet and heat pump water heater	APPLIED THERMAL ENGINEERING
赵兵涛	Ultrafine Aerosol Particles from Laser Printing Process: Response Relationship between Operating Parameters and Emission	AEROSOL AND AIR QUALITY RESEARCH
苏文献、耿婉懿、魏代乐	Unique Design of Pressure Vessel With Tooth-Locked QuickActuating Closures Based on Finite Element Model Analysis	JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME
李亚兰, 赵玉婷, 黄高山, 徐博瑞, 王兵, 潘若冰, 门传玲, 梅永丰	ZnO Nanomembrane/Expanded Graphite Composite Synthesized by Atomic Layer Deposition as Binder-Free Anode for Lithium Ion Batteries	ACS APPLIED MATERIALS & INTERFACES
余治昊、史焕聪	Effective energy efficient methods for heat duty reduction for amine-based post-combustion capture process based on the theoretical reactions energy calculation	INTERNATIONAL JOURNAL OF OIL GAS AND COAL TECHNOLOGY
陆剑	Research on the resolution of NR-PC flat lenses array detecting small	OPTIK
崔海坡、王双情、宋成利	A new approach to predict the post-impact fatigue life of prosthetic feet	INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE
丁承超、范恩国、王淑娟、郭亮、李杰、刘箐	A potential aquaculture vaccine vector: Evaluation of a double-gene attenuated Listeria monocytogenes in zebrafish (Danio rerio)	AQUACULTURE
毛琳, 沈雳, 陈佳慧, 章晓波, Minsuk Kwak, 吴禹, 樊荣, 张磊, 裴佳, 袁广银, 宋成利, 葛均	A promising biodegradable magnesium alloy suitable for clinical vascular stent application	SCIENTIFIC REPORTS
杜妍辰	A spring-supported fine particle impact damper to reduce harmonic vibration of cantilever beam	ADVANCES IN MECHANICAL ENGINEERING
次丽倩、黄志刚、刘瑜、刘哲鹏、魏刚、陆伟跃	Amino-functionalized poloxamer 407 with both mucoadhesive and thermosensitive properties: preparation, characterization and application in a vaginal drug delivery	ACTA PHARMACEUTICA SINICA B
晏玉华, 张中惠, 肖明书, 周化岚	ANCHOR OF Ni ²⁺ ON THE AGMATINE SULFATE-MODIFIED ELECTRODES FOR THE DETERMINATION OF H ₂ O ₂ IN FOOD	SURFACE REVIEW AND LETTERS
艾连中, 钟云琴, 郑启清, 赖凤羲, 叶树贞, 李冠青, 林宣宇, 夏永军, 王光强, 崔	Antioxidant hydrocolloids from herb Graptopetalum paraguayense leaves show anti-colon cancer cells and anti-neuroinflammatory potentials	FOOD HYDROCOLLOIDS
闫士举, 王允直, Aghaei, Faranak, 邱羽尘, 郑斌	Applying a new bilateral mammographic density segmentation method to improve accuracy of breast cancer risk prediction	INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY
袁敏, 宋志宏, 费佳钰, 王兴龙, 徐斐, 曹慧, 于劲松	Aptasensor for lead(II) based on the use of a quartz crystal microbalance modified with gold nanoparticles	MICROCHIMICA ACTA

夏永军, 刘晓凤, 王光强, 张汇, 熊智强, 孙勇, 艾连中	Characterization and selection of <i>Lactobacillus brevis</i> starter for nitrite degradation of Chinese pickle	FOOD CONTROL
张建国, 张燕, 刁宁宁	Combined approach for soybean wastewater chemical oxygen demand reduction using <i>Aspergillus niger</i> pelletization technology	BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT
宋馨, 黄鹤, 熊志强, 艾连中, 杨绅	CRISPR-Cas9(D10A) Nickase-Assisted Genome Editing in <i>Lactobacillus casei</i>	APPLIED AND ENVIRONMENTAL MICROBIOLOGY
梁玮, 周学迅, 姚岚, 刘宝林	Cryopreservation-Altered Expression of RNA and Protein Markers in Biological Specimens	BIOPRESERVATION AND BIOBANKING
李森, 于文文, 管骁, 骆震, 陈国薇, 刘武康, 张景辰	Deletion of NADH oxidase in <i>Listeria monocytogenes</i> promotes the bacterial infection of brain	FREE RADICAL BIOLOGY AND MEDICINE
刘京京, 葛斌, 陆通	Design of a pulsatile DC electromagnetic blood pump for ECMO	TECHNOLOGY AND HEALTH CARE
刘晓杰、崔海坡、陈伟、玄雪婷、郭雪可、胡永初	Diagnosis and treatment of fallopian tube obstruction: a literature review	INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE
米雷娜, 聂生东	Diffusion kurtosis imaging for diagnosis of Parkinson's disease: A novel software tool proposal	JOURNAL OF X-RAY SCIENCE AND TECHNOLOGY
杨轶津, 夏永军, 王光强, 俞剑荣, 艾连中	Effect of mixed yeast starter on volatile flavor compounds in Chinese rice wine during different brewing stages	LWT-FOOD SCIENCE AND TECHNOLOGY
余华星, 李代禧, 徐斐, 刘宝林, 陈正隆	Effect of Solvent Water Molecules on Human Serum Albumin Complex-Docked Paclitaxel by MM-PBSA Method	INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES
张建国, 刘泰瑜	Energy Charge as an Indicator of Pexophagy in <i>Pichia pastoris</i>	FRONTIERS IN MICROBIOLOGY
毛琳, 周浩, 陈力, 牛佳林, 张磊, 袁广银, 宋成利	Enhanced biocompatibility and long-term durability in vivo of Mg-Nd-Zn-Zr alloy for vascular stent application	JOURNAL OF ALLOYS AND COMPOUNDS
冉姝, 张垒, 刘露, 裴育芳, 张雷, 田青, 张永红, 邓红文	Gene-based genome-wide association study identified 19p13.3 for lean body mass	SCIENTIFIC REPORTS
曹慧, 王婷婷, 袁敏, 于劲松, 徐斐	Growth and Modeling of <i>Staphylococcus aureus</i> in Flour Products under Isothermal and Nonisothermal	JOURNAL OF FOOD PROTECTION
张建国, 张燕, 李梦腊	High-level secretion and characterization of cyclodextrin glycosyltransferase in recombinant <i>Komagataella phaffii</i>	JOURNAL OF BIOTECHNOLOGY
夏永军, 周璇, 王光强, 张博薄, 许赣荣, 艾连中	Induction of antroquinonol production by addition of hydrogen peroxide in the fermentation of <i>Antrodia</i>	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE
杜妍辰	Investigation of chattering behavior of impact damper	ADVANCES IN MECHANICAL ENGINEERING
张意锋, 李保国, 陆函	Microencapsulation of <i>Lactobacillus acidophilus</i> KLDS 1.0391 by Electrostatic Spray Increases Viability after In vitro Digestibility	JOURNAL OF FOOD PROCESS ENGINEERING
梁玮, 丁飞, 王美霞, 刘宝林, 孙孟红	MOLECULAR AND PATHOLOGICAL EVALUATION OF CRYOPRESERVED COLORECTAL CANCEROUS TISSUES: EFFECTS OF FREEZING METHOD AND CRYOPROTECTION	CRYOLETTERS

韩颖颖, 赵兰娟, 林勇, 何浩, 田青, 朱伟, 沈汇, 陈湘定, 邓红文	Multiple analyses indicate the specific association of NR1I3, C6 and TNN with low hip BMD risk	JOURNAL OF GENETICS AND GENOMICS
张燕儒, 程云章	Not Bad: Passive Leg Raising in Cardiopulmonary Resuscitation-A New Modeling Study	FRONTIERS IN PHYSIOLOGY
杨云, 周新丽, 周楠峰, 邵文琪, 陶乐仁	NUMERICAL AND EXPERIMENTAL INVESTIGATION ON WATER-ME2SO MIXING IN MICROFLUIDIC DEVICE FOR OOCYTE	CRYOLETTERS
甘内斯, 韩颖颖, 李维杰, 宋丹萍, 宋晓燕, 沈梦琪, 周强, 张晨雪, 刘宝林	Physiological Mechanisms Only Tell Half Story: Multiple Biological Processes are involved in Regulating Freezing Tolerance of Imbibed Lactuca sativa Seeds	SCIENTIFIC REPORTS
随力, 张丙淑, 王君, 蔡爱楠	Polymerization of PEDOT/PSS/Chitosan-Coated Electrodes for Electrochemical Bio-Sensing	COATINGS
赵灵犀, 周宇, 宋成利, 王志刚, 库萨里	Predicting burst pressure of radiofrequency-induced colorectal anastomosis by bio-impedance	PHYSIOLOGICAL MEASUREMENT
朱文冉; 王欣; 陈利华	Rapid detection of peanut oil adulteration using low-field nuclear magnetic resonance and chemometrics	FOOD CHEMISTRY
甘内斯, 宋丹萍, 刘威, 韩颖颖, 刘宝林	Relationship between seed moisture content and acquisition of impermeability in Nelumbo nucifera (Nelumbonaceae)	ACTA BOTANICA BRASILICA
李森, 李怡璇, 陈国薇, 张景辰, 徐斐, 吴嫚	Restraining reactive oxygen species in Listeria monocytogenes promotes the apoptosis of glial cells	REDOX REPORT
甘内斯, 吴国荣, 韩颖颖, 刘宝林	Role of the lens in controlling physical dormancy break and germination of Delonix regia (Fabaceae: Caesalpinioideae)	PLANT BIOLOGY
汪葛, 王远军, 刘玉, 聂生东	S Fast and Robust Segmentation of Individual Tooth Crown from Cone Beam Computed Tomography Images	JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS
熊智强 王巧慧 孔令慧 宋馨 王光强 夏永军 张汇 孙勇 艾连中	Short communication: Improving the activity of bile salt hydrolases in Lactobacillus casei based on in silico molecular docking and heterologous expression	JOURNAL OF DAIRY SCIENCE
陈文明、Sung-Jae Lee, Peter Vee Sin Lee	Strategies towards rapid generation of forefoot model incorporating realistic geometry of metatarsals encapsulated into lumped soft tissues for personalized finite element analysis	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING
田艳平, 欧阳磊, 肖明书, 周化岚	Synthesis of Au nanoparticles with Bi adlayers using glucose as dispersant	COLLOID JOURNAL
杨澄, 周苏宇, 魏珑, 聂生东	The Abnormality of Topological Asymmetry between Hemispheric Brain White Matter Networks in Alzheimer's Disease and Mild Cognitive Impairment	FRONTIERS IN AGING NEUROSCIENCE
陆向云; 陈岚; 邬传宇; Chan, Hak-Kim; Freeman, Tim	The Effects of Relative Humidity on the Flowability and Dispersion Performance of Lactose Mixtures	MATERIALS
周小龙, 苏冠群, 王丽嘉, 聂生东	The inversion of 2D NMR relaxometry data using L1 regularization	JOURNAL OF MAGNETIC RESONANCE

谷雪莲, 祁勇翔, 李中华,	The Role of Simulation in the Design of a Semi-Enclosed Tubular Embolus Retrieval	JOURNAL OF MEDICAL DEVICES-TRANSACTIONS OF THE ASME
赵改平, 陈二云, 俞晓立, 崔海坡, 吕杰, 吴洁	THREE-DIMENSIONAL MODEL OF METASTATIC TUMOR ANGIOGENESIS IN RESPONSE TO ANTI-ANGIOGENIC FACTOR ANGIOSTATIN	JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY
曹武警, 喻洪流, 赵伟亮, 魏小东	TRAINING METHODS AND STRUCTURAL DESIGN OF AN INTELLIGENT KNEE PROSTHESIS BASED ON PHYSIOLOGICAL GAIT	BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY
司呈勇, 胡俊杰, 兰天, 汪镭, 吴启迪	A combined constraint handling framework: an empirical study	MEMETIC COMPUTING
郭健全, 刘欣欣, Jungbok	Dynamic joint construction and optimal operation strategy of multi-period reverse logistics network: a case study of Shanghai apparel E-commerce enterprises	JOURNAL OF INTELLIGENT MANUFACTURING
郭健全, 王心月, 范思远, 玄光男	Forward and reverse logistics network and route planning under the environment of low-carbon emissions: A case study of Shanghai fresh food E-commerce enterprises	COMPUTERS & INDUSTRIAL ENGINEERING

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