

## 2016年度收入国际科技情报检

**EI:**

作者	论文名称
刘晓峰, 张昕	Research on the artistic value and technology application of environment art design based on computer-aided design
齐建虹, 蔡锦达	Error modeling and compensation of 3D scanning robot system based on PSO-RBFNN
王文举, 张玄, 孙刘杰, 姜中敏, 商静静	BRLO-tree
吴光远 沈晓莹 刘真 杨晟炜 朱明	Reflectance spectra recovery from tristimulus values by extraction of color feature match
叶程, 刘真, 吴明光	Gamut mapping algorithm for color signal based on spherical coordinates and triangular interpolation
张建青 蔡芳 刘真 吴光远 朱明	A composite model for accurate colorimetric characterization of liquid crystal displays
张建青 蔡芳 沈晓莹 刘真 朱明	Backward Spectral Characterization of Liquid Crystal Display Based on Forward Spectral Characterization
张雷洪, 梁东, 李贝, 康祎, 潘子兰, 张大伟, 高秀敏, 马秀华	Study on the algorithm of computational ghost imaging based on discrete fourier transform measurement matrix
张雷洪, 李贝, 梁东, 马秀华	Study on the key technology of spectral reflectance reconstruction based on the weighted measurement matrix
张雷洪, 梁东	Study on the effects of sample selection on spectral reflectance reconstruction based on the algorithm of compressive sensing
张雷洪, 梁东, 李贝, 康祎, 潘子兰, 张大伟, 马秀华	The study of key technology on spectral reflectance reconstruction based on the algorithm of adaptive compressive sensing
张雷洪, 梁东, 张大伟, 高秀敏, 马秀华	Study of spectral reflectance reconstruction based on an algorithm for improved orthogonal matching pursuit
张雷洪, 潘子兰, 梁东, 马秀华, 张大伟	Study on the key technology of optical encryption based on compressive ghost imaging with double random-phase encoding
张雷洪, 潘子兰, 吴路英, 马秀华	High-performance compression and double cryptography based on compressive ghost imaging with the fast Fourier transform
陈爱英, 刘嘉斌, 王洪涛, 王银民	Gradient twinned 304 stainless steels for high strength and high ductility

陈爱英, 裘英婕, 祝元坤, 王丁, 杨俊和, 王现英, 谢晓峰	Facile fabrication of nanoporous gold with bimodal pore structure
陈爱英, 石珊珊, 王静雯, 刘芳, 王晔, 阮海辉, 谢晓峰	Microstructure and electrocatalytic performance of nanoporous gold foils decorated by $\text{TiO}_2$ coatings
韩盼, 袁涛, 杨俊和	Copper Nanoparticle-Incorporated Carbon Fibers as Free-Standing Anodes for Lithium-Ion Batteries
何代华, 刘平, 刘新宽, 马凤仓	HA coating fabricated by electrochemical deposition on modified Ti6Al4V alloy
何代华, 刘平, 刘新宽, 马凤仓, 陈小红	Preparation of hydroxyapatite-titanium dioxide coating on Ti6Al4V substrates using hydrothermal-electrochemical method
何代华, 刘平, 刘新宽, 马凤仓, 陈小红, 李伟	Characterization of hydroxyapatite coatings deposited by hydrothermal electrochemical method on NaOH immersed Ti6Al4V
何美凤、华先阳、范雪、潘登	In vitro corrosion behavior and biocompatibility of biodegradable magnesium-pearl powder metal matrix composite
李静、崔锦灿、杨家云、李雅雅、邱汉迅、杨俊和	Reinforcement of graphene and its derivatives on the anticorrosive properties of waterborne polyurethane coatings
李静、崔锦灿、杨家云、马源、邱汉迅、杨俊和	Silanized graphene oxide reinforced organofunctional silane composite coatings for corrosion protection
李伟, 刘平, 孟佳, 张柯, 马凤仓, 刘新宽, 陈小红, 何代华	Microstructure and mechanical property of $\text{TiSiN}$ nanocomposite film with inserted $\text{CrAlN}$ nanomultilayers
李伟, 刘平, 赵素, 张柯, 马凤仓, 刘新宽, 陈小红, 何代华	Microstructural evolution, mechanical properties and strengthening mechanism of $\text{TiN/Ni}$ nanocomposite film
李伟, 孟佳, 刘平, 杜浩明, 张柯, 马凤仓, 刘新宽, 陈小红	Fabrication and characterization of $\text{HfC/SiC}$ nanomultilayered films with enhanced mechanical properties
李伟, 郑康培, 刘平, 朱品文, 张柯, 马凤仓, 刘新宽, 陈小红, 何代华	Microstructure and superhardness effect of $\text{CrAlN/SiO}_2$ nanomultilayered film synthesized by reactive magnetron sputtering
李翔, 贾青青, 吕方, 潘登, 李正华	Vector analysis of the magnetic polarity from individual magnetic nanoparticles
刘洁、刘旭燕、刘芳、王飞、潘登	Fabrication of a three-dimensional nanoporous Cu-Ti alloy with excellent electrochemical capacitance performance
刘云梅, 赵斌, 张颖, 张慧娟, 詹科, 杨俊和, 李建强	Co-supported catalysts on nitrogen and sulfur co-doped vertically-aligned carbon nanotubes for oxygen reduction reaction
马凤仓, 陈赛, 刘平, 耿芳, 李伟, 刘新宽, 何代华, 潘登	Improvement of $\beta$ -TCP/PLLA biodegradable material by surface modification with stearic acid

马凤仓, 史忠兵, 刘平, 李伟, 刘新宽, 陈小红, 何代华, 张柯, 潘登, 张荻	Strengthening effect of in situ TiC particles in Ti matrix composite at temperature range for hot working
马凤仓, 王天然, 刘平, 李伟, 刘新宽, 陈小红, 张柯, 潘登, 吕维洁	Mechanical properties and strengthening effects of in situ (TiB+TiC)/Ti-1100 composite at elevated temperatures
马凤仓, 郑博, 刘平, 李伟, 刘新宽, 陈小红, 张柯, 潘登, 吕维洁	Modeling of effects of thermomechanical processing on elevated-temperature mechanical properties of in situ (TiB+TiC)/Ti-1100 composite
裴鹏, 杜晓宇, 朱敏, 朱钰方	Three-dimensional printing of tricalcium silicate/mesoporous bioactive glass cement scaffolds for bone regeneration
邱汉迅 韩雪斌 邱飞龙 杨俊和	Facile route to covalently-jointed graphene/polyaniline composite and its enhanced electrochemical performances for supercapacitors
索路路, 李生娟, 李应涛, 张莉, 张熙	Kinetic studies of all-carbon porous structure on the adsorption of methylene blue
唐志红, 李晓东, 韩卓, 姚龙, 沈淑玲, 杨俊和	Controllable crumpling of N-doped graphene induced by capillary force resistance
唐志红, 张芝文, 韩卓, 沈淑玲, 李静, 杨俊和	One-step synthesis of hydrophobic-reduced graphene oxide and its oil/water separation performance
王丁, 许颖, 孙峰, 张劝华, 王平, 王现英	Enhanced photocatalytic activity of $\text{TiO}_2$ under sunlight by $\text{MoS}_2$ nanodots modification
王朋朋, 王丁, 张明璐, 祝元坤, 许颖, 马晓卓, 王现英	ZnO nanosheets/graphene oxide nanocomposites for highly effective acetone vapor detection
王平, 李成宰	Structure engineering of a core/shell $\text{Si@Ta}_3\text{N}_5$ heterojunction nanowires array for photoelectrochemical water oxidation
王霞, 吕鹏飞, 邹华, 李颖, 李晓燕, 廖耀祖	Synthesis of poly(2-aminothiazole) for selective removal of Hg(II) in aqueous solutions
王霞, 徐京城, 李玲玲, 刘轶, 李颖	Influences of fluorine on microphase separation in fluorinated polyurethanes
吴江, 杨俊和	Electron Injection of Phosphorus Doped $\text{g-C}_3\text{N}_4$ Quantum Dots
严雅, 夏宝玉, 赵斌, 王昕	A review on noble-metal-free bifunctional heterogeneous catalysts for overall electrochemical water splitting
姚龙, 杨光智, 韩盼	Facile self-templating preparation of polyacrylonitrile-derived hierarchical porous carbon nanospheres for high-performance supercapacitors

姚龙, 杨光智, 韩盼, 唐志红, 杨俊和	Three-dimensional beehive-like hierarchical porous polyacrylonitrile-based carbons as a high performance supercapacitor electrodes
余灯广, 杨晨, 金苗, 格力斯-威廉, 邹华, 王霞, 安妮-布莱	Medicated Janus fibers fabricated using a Teflon-coated side-by-side spinneret
余霞, 朱钰方	Preparation of magnetic mesoporous silica nanoparticles as a multifunctional platform for potential drug delivery and hyperthermia
张津瑞, 李晓燕, 王霞, 邱碧薇	Preparation of vertically aligned carbon nanotube/polyaniline composite membranes and the flash welding effect on their supercapacitor properties
张文康, 赵斌, 尹耀龙, 程俊业, 詹科, 严雅, 杨俊和, 李建强	Fe <sub>2</sub> O <sub>3</sub> -decorated millimeter-long vertically aligned carbon nanotube arrays as advanced anode materials for asymmetric supercapacitors with high energy and power densities
郑广平, 杨俊和	Mechanical and electro-mechanical properties of three-dimensional nanoporous graphene-poly(vinylidene fluoride) composites
郑广平, 杨俊和	Structural and electrocaloric properties of multiferroic-BiFeO <sub>3</sub> -doped 0.94Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -0.06BaTiO <sub>3</sub> solid solutions
周廷生, 周尧, 朱钰方	In situ formation of nitrogen-doped carbon nanoparticles on hollow carbon spheres as efficient oxygen reduction electrocatalysts
朱敏, 张玉杰, 朱钰方	Synthesis of monodispersed mesoporous bioactive glass nanospheres for bone repair
庄怀娟, 王丁, 王现英, 王朋朋, 郑学军	Preparation and gas sensing properties of porous CuO/ZnO composite nanofibers
艾维娜, 杨坚争, 王林	Revelation of cross-border logistics performance for the manufacturing industry development
陈楠, 杨坚争	Mechanism of government policies in cross-border e-commerce on firm performance and implications on m-commerce
党亚峥 高岩 王波	A New Extragradient-Type Algorithm for the Split Feasibility Problem
董克, 吕文元	Cost optimization model of second-hand product for extended non-renewing replacement-repair warranty
樊重俊,金阳,霍良安,刘臣,杨云鹏,王雅琼	Effect of individual behavior on the interplay between awareness and disease spreading in multiplex networks
干宏程, 赵亚菲, 卫军	Impact of smartphone-delivered real-time multi-modal information

耿秀丽, 弓晓敏, 褚学宁	Component oriented remanufacturing decision-making for complex product using DEA and interval 2-tuple linguistic TOPSIS
耿秀丽, 徐士东, 叶春明	Module configuration approach for product service system design driven by customer requirements
耿秀丽, 徐士东, 叶春明	Optimal design method of product function requirements considering quantitative KANO analysis
弓晓敏, 耿秀丽, 叶春明	Multi-criteria group decision making based on 2-tuple linguistic DEMATEL and DEA
顾长贵, 柔令游丝, 梁小明, 杨会杰	Impact of dispersed coupling strength on the free running periods of circadian rhythms
郭强, 计磊, 刘建国, 韩景倜	Evolution properties of online user preference diversity
郭强, 梁广, 傅家旗, 韩景倜, 刘建国	Roles of mixing patterns in the network reconstruction
何胜学, 孙晶晶	An algebraic and graphic combination approach to solve network sensor location problems
霍良安, 蒋杰辉, 龚四星, 何冰	Dynamical behavior of a rumor transmission model with Holling-type II functional response in emergency event
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
李芳, 单大亚, 洪佳, 叶春明	Incentive contract design of reverse supply chain with continuous type of information asymmetry
李军祥, 刘亚芬, 宗福季, 霍佳震, 苏强	Statistical Monitoring of Service Levels and Staffing Adjustments for Call Centers
李卓群, 严广乐	Analysis of complex dynamics behaviors in constrained supply chain system under uncertain demand process
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
刘勤明, 李亚琴, 吕文元, 叶春明	Equipment health diagnostics and prognostics method based on adaptive HSMM
刘晓露, 刘建国, 杨凯, 郭强, 韩景倜	Identifying online user reputation of user&ndash;object bipartite networks
潘坚, 肖庆宪	A reduced-form model for pricing defaultable bonds and credit default swaps with stochastic recovery
邱路, 贾天明, 杨会杰	Differential network investigated influences of financial crises on industries
邱路, 杨天光, 殷彦华, 顾长贵, 杨会杰	Multifractals embedded in short time series

宋玉萍（研究生），倪静	Effect of variable network clustering on the accuracy of node centrality
王付宇，叶春明，张燕楠，李燕	Decision analysis on selection behavior of the self-study room based on systematic thought
王付宇，叶春明，张燕楠，李燕	Simulation analysis and improvement of the vehicle queuing system on intersections based on MATLAB
王嘉桦，郭强，杨凯，张一璐，韩景倜，刘建国	Popularity and user diversity of online objects
徐博，马卫民，黄卉，岳雷	Weighted Constrained Position Shift Model for Aircraft Arrival Sequencing and Scheduling Problem
学生不奖励	Models for real estate investment decision-making with hesitant fuzzy information
杨凯，郭强，刘晓露，刘建国	Detecting Community Structure in Directed Networks Via Multiple Eigenvectors
杨晓芳,丁深圳，付强	Lane-changing Model Analysis on the Half Transition Period
姚佼，马世博，徐洁琼，赵靖	Study on main road capacity influenced by harbor style bus stop
姚佼，徐洁琼，赵靖	Effect of near-side on-line bus stop on signalized intersection capacity
尹诗，王林，杨坚争	An empirical study on urban e-commerce competitiveness of China
张节松，肖庆宪	Dynamic optimal reinsurance for stochastic catastrophe with dependent claim risks
张清叶 高岩	Optimal consumption&mdash;portfolio problem with CVaR constraints
张清叶 高岩	Portfolio selection based on a benchmark process with dynamic value-at-risk constraints
赵靖，李鹏	An extended car-following model with consideration of speed guidance at intersections
赵靖，刘玥	Integrated signal optimization and non-traditional lane assignment for urban freeway off-ramp congestion mitigation
赵靖，刘玥，李鹏	A network enhancement model with integrated lane reorganization and traffic control strategies
赵靖，刘玥，汪涛	Increasing Signalized Intersection Capacity with Unconventional Use of Special Width Approach Lanes
赵靖，马万经，Head, K. Larry，杨晓光	Dynamic turning restriction management for signalized road network

赵靖, 马万经, 刘玥, 韩柯	Optimal operation of freeway weaving segment with combination of lane assignment and on-ramp signal control
赵靖, 马万经, 汪涛, 廖大彬	Coordinated perimeter flow control for two subareas with macroscopic fundamental diagrams
赵攀, 肖庆宪	Variance-optimal hedging for the process based on non-extensive statistical mechanics and poisson jumps
赵攀, 肖庆宪	Portfolio selection problem with Value-at-Risk constraints under non-extensive statistical mechanics
高岩	Determining viability of polytopic set for linear control system
李柏承, 侯宝路, 周瑶, 赵曼彤, 张大伟, 洪瑞金	Detection of waxed chestnuts using visible and near-infrared hyper-spectral imaging
白杨, 陈克坚, 卜婷, 庄松林	An electrically tunable terahertz metamaterial modulator with two independent channels
曹君杰, 贾宏志, 沈新荣, 姜士昕	Research of optical rotation measurement system based on centroid algorithm
陈克坚, 白杨, 卜婷, 庄松林	The effect on cross-polarization conversion by the end shape of electric split-ring resonators in a multilayer metamaterial device
陈克坚, 卜婷, 白杨, 庄松林	Inkjet-printed random coding metal particles for modulation enhancement of an optical-controlled terahertz wave modulator
陈庆奎	Ai BCS
陈胜, 姚丽萍, 陈宝	A parameterized logarithmic image processing method with Laplacian of Gaussian filtering for lung nodule enhancement in chest radiographs
陈胜, 仲思凯, 姚丽萍, 尚岩峰	Enhancement of chest radiographs obtained in the intensive care unit through bone suppression and consistent processing
慈文彦 黄影平	A robust method for ego-motion estimation in urban environment using stereo camera
戴博、卓然、殷松超、吕孟轩、洪瑞金、王琦、张大伟、王旭	Ultrafast imaging with anti-aliasing based on optical time-division multiplexing
丁德锐, 申雨轩, 宋燕, 王永雄	Recursive state estimation for discrete time-varying stochastic nonlinear systems with randomly occurring deception attacks
丁德锐, 王子栋, 魏国亮, Fuad E.Alsaadi	Event-based security control for discrete-time stochastic systems

丁德锐,魏国亮,张孙杰	On scheduling of deception attacks for discrete-time networked systems equipped with attack detectors
范怀玉(**),马军山	Iterative quadtree decomposition based automatic selection of the seed point for ultrasound breast tumor images
方朝龙、戴博、李征、阿里扎哈德、王琦、盛斌、张大伟	Tunable guided-mode resonance filter with a gradient grating period fabricated by casting a stretched PDMS grating wedge
方朝龙、戴博、卓然、袁旭鹏、高秀敏、文静、盛斌、张大伟	Focal-length-tunable elastomer-based liquid-filled plano-convex mini lens
方良(*),贾宏志,周海(**),刘佰莹(**)	Generation of cylindrically symmetric modes and orbital-angular-momentum modes with tilted optical gratings inscribed in high-numerical-aperture fibers
冯吉军, 秋本良一	Low-threshold-current yellow BeZnCdSe quantum-well ridge-waveguide laser diodes under continuous-wave room-temperature operation
冯吉军, 秋本良一, 曾和平	Asymmetric silicon slot-waveguide-assisted polarizing beam splitter
付东翔	Optical system analysis based on prolate spheroidal wave functions
高丽萍	Research on conflict resolution and consistency maintenance supporting intention combination in real-time collaboration environment
高鹏飞, 田胜楠, 翁晓羽, 郭汉明	Dynamically shifting the focal spot with tunable pupil filters
耿滔, 吴娜, 董祥美, 高秀敏	Tunable negative-index photonic crystals using colloidal magnetic fluids
耿滔, 吴娜, 董祥美, 高秀敏	Tunable near-zero index of self-assembled photonic crystal using magnetic fluid
谷付星	Above-Bandgap Surface-Emitting Frequency Conversion in Semiconductor Nanoribbons With Ultralow Continuous-Wave Pump Power
谷付星, 崔宏斌, 廖风, 林星, 王海凤, 曾和平	Mode tailoring in subwavelength-dimensional semiconductor micro/nanowaveguides by coupling optical microfibers
谷付星,张丽	Free-space coupling of nanoantennas and whispering-gallery microcavities with narrowed linewidth and enhanced sensitivity
郭心悦, 李鑫	Experimental demonstration of an adaptive orthogonal frequency division multiplexing visible light communication system
韩非(*),宋燕,张孙杰,李忘言(*)	Local condition-based finite-horizon distributed $H_{\infty}$ -consensus filtering for random parameter system with event-triggering protocols



郝强, 曾和平	Cascaded four-wave mixing in nonlinear Yb-doped fiber amplifiers
郝强,张青山(**),陈飞鸿(**),杨康文,曾和平(#)	All-Optical 20-&mu;Hz-Level Repetition Rate Stabilization of Mode Locking with a Nonlinear Amplifying Loop Mirror
郝强,张青山(**),孙婷婷(*),陈杰,郭占华(#),王雨晴(*),郭政儒(*),杨康文,曾和平(#)	Divided-pulse nonlinear amplification at 1.5 &mu;m
郝如龙(**),李毅,刘飞(**),孙瑶(**),唐佳茵(**),陈培祖(**),蒋蔚(**),伍征义(**),徐婷婷(**),方宝英	Electric field induced metal-insulator transition in VO <sub>2</sub> thin film based on FTO/VO <sub>2</sub> /FTO structure
洪瑞金	Study of surface enhanced Raman spectroscopy on copper films modified by ion beam
洪瑞金	Fabrication and the surface plasmon resonance properties of Al/Al <sub>2</sub> O <sub>3</sub> composite films
洪瑞金, 宋晓, 陶春先, 张道华, 张大伟	Surface-enhanced Raman scattering of silver thin films on as-roughened substrate by reactive ion etching
胡金兵,梁斌明,蔡小舒,庄松林	Influence of surface termination on inverse Goos-H&uuml;nchen shift of negatively refractive photonic crystals
胡兴, 胡士强, 黄影平, 张焕龙, 吴汉兵	Video anomaly detection using deep incremental slow feature analysis network
黄影平 刘述民	Multi-class obstacle detection and classification using stereovision and improved active contour models
简献忠 陆睿智 郭强 王贵浦	Single image non-uniformity correction using compressive sensing
江_珊, 商艳芝	Adaptive performances of different membrane wave-front correctors in introducing Zernike aberrations
蒋国亮, 杨晖, 李然, 孔平	A new algorithm for a high-modulation frequency and high-speed digital lock-in amplifier
焦新兵, 薛松, 沈杨帆, 陈明月, 刘哲葳	Study on Optical Properties of Micro-Modulator Through Z-Scanning Method
李柏承, 侯宝路, 张大伟, 周瑶, 赵曼彤, 洪瑞金, 黄元申	Pears characteristics (soluble solids content and firmness prediction, varieties) testing methods based on visible-near infrared hyperspectral imaging
李道萍 郑继红 桂坤 王康妮 王雅楠	Electrically controlled hole-patterned tunable-focus lens with polymer dispersed liquid crystal doped with Ag nanoparticles
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

李琳,王河阳(*),张少丹(*)	L <sup>2</sup> -L <sup>∞</sup> filter design for a class of neutral stochastic time delay systems
李敏, 李安原, 何泊衢, 袁帅, 曾和平	Modulation of terahertz generation in dual-color filaments by an external electric field and preformed plasma
李敏, 李安原, 何泊衢, 袁帅, 曾和平	Spectral modulation of third-harmonic generation by molecular alignment and preformed plasma
李然, 杨晖, 郑刚, 张北帆, 费明龙, 孙其诚	Double speckle-visibility spectroscopy for the dynamics of a passive layer in a rotating drum
李业, 王琦, 张大伟, 王建宇, 陈鹏, 戴博, 黄元申, 陶春先, 盛斌	Intensity-tunable guided mode resonance reflectance filter with dual channels
李毅	Optical properties of VO <sub>2</sub> nano periodic array
李毅	Preparation and optical-electrical properties of VO <sub>2</sub> /FTO composite films
李振庆, 刘晨晨, 马思尧, 张大伟, 山口佳则	Analysis of the inhibition of nucleic acid dyes on polymerase chain reaction by capillary electrophoresis
李振庆, 刘晨晨, 张大伟, 罗少鹏, 山口佳则	Capillary electrophoresis of RNA in hydroxyethylcellulose polymer with various molecular weights
李振庆, 赵阳, 张大伟, 庄松林, 山口佳则	The development of a portable buoyancy-driven PCR system and its evaluation by capillary electrophoresis
李孜, 李攀, 饶俊峰, 姜松, 佐久川贵志	Theoretical Analysis and Improvement on Pulse Generator Using BJTs as Switches
林辉,Kenji Imakita(#),Minoru Fujii(#),孙畅(#),陈炳地(#),Takashi Kanno(#),Hiroshi Sugimoto(#)	New insights into the red luminescent bovine serum albumin conjugated gold nanospecies
刘晨晨, 山口佳则, 关根伸一, 倪一, 李振庆, 朱锡芳, 窦晓鸣	Gene analysis of multiple oral bacteria by the polymerase chain reaction coupled with capillary polymer electrophoresis
刘丛, 邬春学, 蒋林华	Evolutionary clustering framework based on distance matrix for arbitrary-shaped data sets
刘宏敏, 陈杰, 梁焰, 曾和平	Spike-noise balanced technique for high-speed detection of near-infrared single photons
刘帅, 魏国亮, 宋燕, 刘玉荣	Error-constrained reliable tracking control for discrete time-varying systems subject to quantization effects

刘晓蒙, 戴曙光	Mathematical morphology guided automatic unwrapping isoclinic phase map in white light photoelasticity
罗坤, 陈向前, 彭滢, 朱亦鸣	Effects of femtosecond laser pulse width on the formation of microstructured silicon
罗雪雪(*), 陈家璧, 胡金兵, 梁斌明, 蒋强	Analysis and experimental investigation of the temperature property of sensors based on symmetrical metal-cladding optical waveguide
罗玉强, 王子栋, 魏国亮, Alsaadi, Fuad E. ^Hayat, Tasawar	State estimation for a class of artificial neural networks with stochastically corrupted measurements under Round-Robin protocol
吕孟轩、戴博、殷松超、张大伟、王旭	Power efficiency of time-stretch imaging system by using parallel interleaving detection
马宏亮, 梁斌明, 庄松林, 陈家璧, 蒋强, 丁俊伟	Subwavelength imaging of a point source based on two-dimensional photonic crystals
马军山	Quality analysis of dairy products based on unilateral nuclear magnetic resonance
毛倩	A reversible data hiding scheme based on IWT and the Sudoku method
毛倩	Novel lossless morphing algorithm for secret sharing via meaningful images
闵琪 黄影平	Motion detection using binocular image flow in dynamic scenes
倪争技	Spectral characteristics of guided-mode resonance filter with wedged waveguide layer
裴松文, 张俊格, 宁静	Helper thread pre-fetching model based on learning gradients of control parameters
裴颂文	Extending Amdahl's Law for Heterogeneous Multicore Processor with Consideration of the Overhead of Data Preparation
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彭滢, 苑肖嵘, 邹翔, 陈万青, 赵红卫, 宋波, 陈亮, 朱亦鸣	Terahertz identification and quantification of neurotransmitter and neurotrophin mixture
钱林勇(*), 张大伟, 戴博, 王琦, 黄元申, 庄松林	Optical notch filter with tunable bandwidth based on guided-mode resonant polarization-sensitive spectral feature
钱林勇, 张大伟, 陶春先, 洪瑞金, 庄松林	Tunable guided-mode resonant filter with wedged waveguide layer fabricated by masked ion beam etching

秦川	Novel occlusion object removal with inter-frame editing and texture synthesis
秦川	Fragile image watermarking scheme based on VQ index sharing and self-embedding
秦川, 陈学琴, 董晶, 张新鹏	Perceptual image hashing with selective sampling for salient structure features
秦川, 陈学琴, 叶登攀, 王金伟, 孙星明	A novel image hashing scheme with perceptual robustness using block truncation coding
秦川, 胡育诚	Reversible data hiding in VQ index table with lossless coding and adaptive switching mechanism
秦川, 王慧丽, 张新鹏, 孙星明	Self-embedding fragile watermarking based on reference-data interleaving and adaptive selection of embedding mode
桑晓舟, 张大伟	Research on the SPR properties of copper thin film with regulation of titanium dioxide
盛斌,陈鹏(**),陶春先	Linear variable filters fabricated by ion beam etching with triangle-shaped mask and normal film coating technique
盛斌, 周红燕, 陶春先, Zahid Ali, 倪争技, 黄元申, 洪瑞金, 张大伟	Tunable and Polarization-Independent Wedged Resonance Filter with 2D Crossed Grating
宋燕, 王子栋, 丁德锐, 魏国亮	Robust model predictive control under redundant channel transmission with applications in networked DC motor systems
孙瑶(**),李毅,唐佳茵(*),刘飞(**)	Optical properties of Au/VO <sub>2</sub> /double-film nano array
陶春先	Detection of fried oil in edible oil based on three-dimensional fluorescence spectroscopy
陶春先, 傅军, 王文, 高秀敏, 张大伟	Optical gradient force of linearly polarized sine-azimuthal Lorentz beam with one on-axis optical vortex
陶春先,阮俊(**),梁东(**),韩朝霞,何梁(*),洪瑞金,崔潇(*),张大伟	Enhancement of UV Excited Photoluminescence by Fabry-Perot Microcavity
陶春先, 张大伟, 洪瑞金, 黄元申, 张道华	Fiber-optic temperature sensor based on temperature-dependent refractive index of germanium-silica coating stack
田甜, 蔡斌, 衫原兴浩	DAST single-nanometer crystal preparation using a substrate-supported rapid evaporation crystallization method
佟国香, 吴冠宁, 谭健, 熊乃学, Vasilakos, Athanasios V.	A digital noise reduction scheme in communication systems for internet of things

王刚(*),王朝立	Distributed adaptive output feedback tracking control for a class of uncertain nonlinear multi-agent systems
王刚（学生）、王朝立（通讯）、杜庆辉、李琳、董文杰	Distributed Cooperative Control of Multiple Nonholonomic Mobile Robots
王刚（学生）、王朝立（通讯）李琳、杜庆辉	Distributed adaptive consensus tracking control of higher-order nonlinear strict-feedback multi-agent systems using neural networks
王刚（学生）王朝立（通讯）、蔡轩、李琳	Distributed adaptive output consensus tracking of higher-order systems with unknown control directions
王刚（学生）王朝立杜庆辉蔡轩	Distributed adaptive output consensus control of second-order systems containing unknown non-linear control gains
王建华(**),宋燕,刘帅	Security in $H_2$ -sense for polytopic uncertain systems with attacks based on model predictive control
王康妮 郑继红陆飞跃高辉 ASWIN 庄松林	Varied-line-spacing switchable holographic grating using polymer-dispersed liquid crystal
王康妮(*),郑继红	Tri-color composite volume H-PDLC grating and its application to 3D color autostereoscopic display
王巍琳	Online minimization of sensor activation for supervisory control
王咸海, 赵学伟, 洪瑞金, 陶春先, 张大伟	Study on the structural, optical an surface plasmon characteristics of Mo-Doped ZnO thin film
王永雄, 李璇, 丁学明	Probabilistic framework of visual anomaly detection for unbalanced data
王永雄, 孙书鑫, 钟建冬	An ensemble anomaly detection with imbalanced data based on robot vision
韦鹏, 郭旭光, 张成, 杨锐, 朱亦鸣	Groove-shape-induced bandwidth expansion of spoof surface plasmon polaritons on planar corrugated Goubau line in millimeter-wave range
魏国亮, 刘帅, 王立成, 王永雄	Event-based distributed set-membership filtering for a class of time-varying non-linear systems over sensor networks with saturation effects
夏赬	Study of variable frequency soft switching interleaved flyback PV micro inverter
夏赬, 卢晶, 毕超, 谭媛, 董斌	Dynamic commutation torque-ripple reduction for brushless DC motor based on quasi-Z-source net
肖寒(*),李毅,袁文瑞(**),方宝英,王晓华(*),郝如龙(**),伍征义(**),徐婷婷(**),蒋蔚(**),陈培祖(**)	Microstructures and thermochromic characteristics of VO <sub>2</sub> /AZO composite films

徐公杰, 张君, 臧小飞, Sugihara Okihiro, 赵红卫, 蔡斌	0.1-20 THz ultra-broadband perfect absorber via a flat multi-layer structure
许江华(*), 耿滔, 庄松林	A method for design of spectacle lenses
许江华(*), 姜利平(**), 朱厚飞(**), 刘玲玲(*), 胡金兵, 王海凤, 庄松林	Experimental generation and observation of a super-resolution optical tube
杨桂松、徐慧芬、何杏宇、王刚、熊乃学、邬春学	Tracking mobile sinks via analysis of movement angle changes in WSNs
杨海马	The transmission of polarized light of space attitude in quantum communication
杨海马, 宋佳(**), 张大伟, 黄元申	A symmetrical surface plasmon resonance sensing structure excited by a stripe waveguide
杨晖, 蒋国亮, H.Y. Sawe, C. Davies, M.J. Biggs, V. Zivkovic	Granular dynamics of cohesive powders in a rotating drum as revealed by speckle visibility spectroscopy and synchronous measurement of forces due to avalanching
杨康文, 朱国申, 郝强, 黄坤, 洛拉朱利安, 李文雪, 曾和平	Coherent Polarization Beam Combination by Microcontroller-Based Phase-Locking Method
易猛, 陈庆奎, 熊乃学	An effective massive sensor network data access scheme based on topology control for the internet of things
易映萍, 王玮	Orthogonal double beam spectrophotometer control system
尤贝, 贾宏志, 王辽	A novel mode add/drop multiplexer based on two parallel combinative long period fiber gratings
尤素萍, 卢宇骋, 张薇, 杨波	3-D color light field image encryption based on micro-lens array
余治昊, 蒋林华	Design and facile synthesis of nitrogen-doped carbon decorated $\text{LiVPO}_4\text{F}$ nanocrystals as superior cathode for lithium-ion batteries
余治昊, 王莉, 蒋林华	Design and synthesis of N-doped graphene sheets loaded with $\text{Li}_4\text{Ti}_5\text{O}_{12}$ nanocrystals as advanced anode material for Li-ion batteries
袁明辉, 赵堤	A terahertz isolator based on a silicon heterojunction photonic crystal
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詹秋芳(**), 张荣福, 高秀敏	Topological charge determination of linearly polarized Lorentz-Gaussian vortex beam

张冰雪, 殷传涛, Bertrand DAVID, 熊璋, 牛薇	Facilitating professionals' work-based learning with context-aware mobile system
张大伟	Design and optimization of wide-band filter based on guided mode resonant grating
张大伟	Design of broadband near infrared surface plasmonic polaritons logic AND gates device
张大伟	Visible and Near-Infrared Hyper-Spectral Imaging for the Identification of the Type of Wax on Pears
张大伟	Synthesis, luminescence properties and electronic structure of Tb <sup>3+</sup> -doped Y <sub>4</sub> X <sub>2</sub> SiAlO <sub>8</sub> N
张凤登, 陈兴隆	Research on load rate of static segment of FlexRay
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张玲, 刘虹雯, 陈庐阳, 管鹏飞, 陈彬, T. Fujita, Y. Yamaguchi, H. Iwasaki, 薛其坤, 陈明伟	Large-scale growth of sharp gold nanocones for single-molecule SERS detection
张孙杰, 王子栋, 丁德锐	Nonfragile H <sub>∞</sub> Fuzzy Filtering with Randomly Occurring Gain Variations and Channel Fadings
张薇, 郭鑫(*), 尤素萍(**), 杨波, 万新军	Computer simulation for hybrid plenoptic camera super-resolution refocusing with focused and unfocused mode
张薇, 金易弢, 郭鑫, 速晋辉, 尤素萍	Design of an autofocus capsule endoscope system and the corresponding 3D reconstruction algorithm
张学典	Monitoring method for filter film thickness based on the combination of photoelectric extreme value and quartz crystal oscillation
张学典, 刘召庆(**), 江旻珊, 常敏	Fast and accurate auto-focusing algorithm based on the combination of depth from focus and improved depth from defocus
郑继红	Fabrication and application of a tri-color excited holographic polymer dispersed liquid crystal volume gratings
钟阳万, 文静, 陈建农, 朱林伟, 高秀敏, 陶春先, 黄元申, 洪瑞金, 张大伟	A Highly Efficient Plasmonic Lens Based on a Single Annular Ring with Cross Section of an Asymmetric Slot
周子尉, 李孜, 饶俊峰, 姜松, 佐久川贵志	A High-Performance Drive Circuit for All Solid-State Marx Generator

蔡姣, 刘炜, 黄晨*, 王雪颖, 沈丽, 邹志军, 胡宇, 孙婵娟, 魏晓阳, 常静, 赵卓慧, 孙越霞, Jan. Sundell	Validity of subjective questionnaire in evaluating dwelling characteristics, home dampness, and indoor odors in Shanghai, China
常飞	Fabrication, characterization, and visible-light photocatalytic performance of ternary plasmonic composites
常飞, 李晨露	Enhanced photocatalytic performance of g-C <sub>3</sub> N <sub>4</sub> nanosheets and BiOBr hybrids
常飞, 王杰, 罗洁茹	Enhanced visible-light-driven photocatalytic performance of mesoporous W-Ti-SBA-15 prepared through a facile hydrothermal route
常飞, 王杰, 罗洁茹	Synthesis, characterization, and visible-light-driven photocatalytic performance of W-SBA15
常静, 刘炜, 胡宇, 邹志军, 沈丽, 王雪颖, 蔡姣, 孙婵娟, 黄晨*	Associations between heavy traffic near residence and childhood health outcomes as modified by bedroom floor level and bedroom ventilation
陈剑波, 曲明璐, 韩星	Experimental analysis on dehumidification performance of an indoor passive falling film liquid desiccant moisture receptacle
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崔立峰, 黄丽华	High-performance MgCo <sub>2</sub> O <sub>4</sub> nanocone arrays grown on three-dimensional nickel foams
崔立峰, 纪敏, 毛立浩	Ni-Seeded growth of carbon nanotubes on graphite felt for high-performance supercapacitors
戴博琳, 陶红	Study of various nanostructures titania with graphene composites
邓保庆, 张兵, 邱银峰	Analytical solution of VOCs emission from wet materials with variable thickness
董寒, 张晓东, 李红欣, 侯扶林, 杨阳, 崔立峰	Progress in preparation of metal organic frameworks HKUST-1 and its application
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韩昊	Effects of annealing time on microstructure and piezoelectric properties of BNT-BT6 thin films
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李佳佳, 邓保庆, 张兵	CFD simulation of an unbaffled stirred tank reactor driven by a magnetic rod
李亮, 宋翠红, 黄远星, 周悦梅	Investigation of BTEX removal efficiency using the electrolytic oxidation and Fenton's reaction
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李明强, 张忠孝	Experiment and mechanism study on the effect of kaolin on melting characteristics of Zhundong coal ash
李涛, 陈建兵, 李杰	Point group identification algorithm in dynamic response analysis of nonlinear stochastic systems
刘洪波, 李艳华, 冷凤	Stage Variation of Phytoplankton and Environmental Factors in a Large Drinking Water Reservoir
刘宁, 雷振东	Radiolysis of carbamazepine aqueous solution using electron beam irradiation combining with hydrogen peroxide
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王丽慧，杜志平，张建舜	Study on the thermal comfort characteristics under the vent with supplying air jets and cross-flows coupling in subway stations
王雪颖，刘炜，黄晨*，蔡姣，邹志军，路荣春，常静，魏晓阳，孙婵娟，赵卓慧，孙越霞，Jan. Sundell	Associations of dwelling characteristics, home dampness, and lifestyle behaviors with indoor airborne culturable fungi
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王燕刚，柏霞	Facile One-Step Synthesis of Hybrid Graphitic Carbon Nitride and Carbon Composites as High-Performance Catalysts for CO <sub>2</sub> Photocatalytic Conversion
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张治国, 贾延臣, 赵其华, 王卫东	Influence analysis of historic buildings induced by foundation pit excavation considering damage stiffness of beams and columns
张治国, 徐晨, 宫剑飞	Influence of tunneling on deflection of adjacent piles considering shearing deformation of foundation and 3D effects of lateral soils beside piles
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孙秀婷, 景兴建	A nonlinear vibration isolator achieving high-static-low-dynamic stiffness and tunable anti-resonance frequency band
孙秀婷, 徐鉴	Vibration control of nonlinear Absorber-Isolator-Combined structure with time-delayed coupling
王艳, 徐九华, 杨路	Grinding force and specific grinding energy of high speed grinding of 9CrWMn cold work die steel
王振军, 徐元铭, 苏飞, 王依兵	A light lithium niobate transducer for the ultrasonic de-icing of wind turbine blades
吴恩启、石玉芳、李美华、Andreas Mandelis	In-plane thermal conduction of woven carbon fiber reinforced polymers
尹丛勃, 张振东, 谢乃流, 孙跃东, 孙涛	Knock in dual-fuel diesel combustion with an E85 ethanol/gasoline blend by multi-dimensional simulation
尹丛勃、张振东、孙跃东、谢乃流、程强	Optimization of magnetic circuit configuration for GDI injector based on MOSA algorithm
尹丛勃、张振东、王振军、郭辉	Numerical simulation and experimental validation of ultrasonic de-icing system for wind turbine blade

于佳伟, 郑松林, 梁国清, 冯金芝	Development of a program-loading spectrum for the accelerated durability test of lower control arm
余慧杰, 孙秀婷, 徐鉴, 郑佩	The time-delay coupling nonlinear effect in sky-hook control of vibration isolation systems using Magneto-Rheological Fluid dampers
余慧杰、张乐京	Free resonance analysis of bilinear hysteresis dry friction damper
郑佩, 丁伯阳	Potential method for 3D wave propagation in a poroelastic medium and its applications to lamb's problem for a poroelastic half-space
郑佩, 高哲, 丁伯阳	The Elastic Coefficients of Double-Porosity Materials
郑松林、邓鑫, 冯金芝	A research on lateral force test specifications for torsion beam rear axle
郑岳久, 欧阳明高, 李相俊, 卢兰光, 李建秋, 周龙, 张振东	Recording frequency optimization for massive battery data storage in battery management systems
朱坚民、何丹丹、张统超	A prediction method for tool point frequency response function based on milling cutters' accurate models
朱坚民、徐友法、张统超	Improved PSO based on the uniform search strategy
朱坚民、张统超、王健、李孝茹	Axial dynamic characteristic parameters identification of rolling joints in a ball screw feed drive system
朱可恒, 李郝林	A rolling element bearing fault diagnosis approach based on hierarchical fuzzy entropy and support vector machine
朱文博; 耿国庆; 刘阳阳; 张祥; 阳鼎	3D model retrieval method of mechanical parts based on skeleton tree
朱希、张振东、程强	Numerical simulation and experimental study for spray characteristics of the gasoline direct injection (GDI) multi-hole injector
安雅睿	Sensitive electrochemical cytosensor based on biocompatible Au@BSA conductive architecture and lectin-modified nanoprobe
卜胜利, 罗龙锋, 汤佳莉, 毛连敏, 曾祥龙	Ultrasensitive Refractive-Index Sensors Based on Tapered Fiber Coupler with Sagnac Loop
顾颖颖, 杨海宏, 李奔强, 安雅睿	A ternary nanocatalyst of Ni/Cr/Co oxides with high activity and stability for alkaline glucose electrooxidation
顾铮先, 蓝锦龙, 高侃	Characteristics of plasmon coupling mode in SPR based LPFG
管露露, 于海涛, 沈建琪, Tropea Cameron	Simulation of optical caustics associated with the tertiary rainbow of oblate droplets

郭露芳, 沈建琪	Dependence of forward light scattering particle size measurement on the relative refractive index
胡恒春, 尹微, 吴红霞	Bilinear equations and new multi-soliton solution for the modified Camassa-Holm equation
纪昌炎, 顾铮先, 寇志起	Influence of confinement layers in the emitting layer of the blue phosphorescent organic light-emitting diodes
江中林, 田伟, 寇志起, 程爽, 李一航	The influence of the mixed host emitting layer based on the TCTA and TPBi in blue phosphorescent OLED
焦宝宝	Eigenvalue problems solved by reorthogonalization Lanczos method for the large non-orthonormal sparse Matrix
李唯伟, 欧阳瑞镔, 张王尧, 周爽, 杨洋, 计亚军, 冯凯, 梁小彩, 肖明书, 缪煜清	Single Walled Carbon Nanotube Sandwiched Ni-Ag Hybrid Nanoparticle Layers for the Extraordinary Electrocatalysis toward Glucose Oxidation
林承军, 沈建琪, 王天恩	Use of non-negative constraint in Tikhonov regularization for particle sizing based on forward light scattering
刘璐, 徐虎, 沈兵, 钟新华	High-Quality Water-Soluble Core/Shell/Shell CdSe/CdS/ZnS Quantum Dots Balanced by Ionic and Nonionic Hydrophilic Capping Ligands
马常敏 刘廷禹 常秋香	Theoretical studies on the intrinsic defects in ZnO and ZnS crystal
毛连敏, 卜胜利, 苏德龙, 王兆芳, 曾祥龙, Mahieddine Lahoubi	Magnetic field sensor based on cascaded microfiber coupler with magnetic fluid
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沈春根、张雷洪、刘伟	A stabilized filter SQP algorithm for nonlinear programming
沈春根、张雷洪、杨卫红	A filter active-set algorithm for ball/sphere constrained optimization problem
沈建琪, 贾晓伟, 于海涛	Compact formulation of the beam shape coefficients for elliptical Gaussian beam based on localized approximation
盛长滔, 王中庆, 郭本瑜	An hp-spectral collocation method for nonlinear Volterra functional integro-differential equations with delays
田彦平, 张中惠, 缪煜清	Co-Te-Se nano-compounds as electrocatalysts for hydrogen evolution reaction

王世革, 赵九龙, 胡飞, 李想, 安潇, 周仕林, 陈雨, 黄明贤	Phase-changeable and bubble-releasing implants for highly efficient HIFU-responsive tumor surgery and chemotherapy
王天恩, 沈建琪, 林承军	Modified iterative vector similarity measure for particle size analysis based on forward light scattering
王小平, 王金烨, 王丽军	Single-layer nano-carbon film, diamond film, and diamond/nano-carbon composite film field emission performance comparison
夏有智、李重要	Pressure effect on the spin-dependent electronic structure of Au intercalated h-BN/graphene/h-BN
许超群, 原三领, 张同华	Stochastic Sensitivity Analysis for a Competitive Turbidostat Model with Inhibitory Nutrients
晏玉华, 田彦平, 郝美凤, 缪煜清	Synthesis and characterization of cross-like Ni-Co-P microcomposites
张翠翠, 陈爱华	Bilinear form and new multi-soliton solutions of the classical Boussinesq-Burgers system
张帅、周仕林、吴丽娜	Facile synthesis of triangular silver nanoplate-coated flower-like ZnO nanostructures
赵佃立	Study on the threshold of a stochastic SIR epidemic model and its extensions
赵佃立, 原三领	Dynamics of the stochastic Leslie-Gower predator-prey system with randomized intrinsic growth rate
赵瑜, 原三领, 张同华	The stationary distribution and ergodicity of a stochastic phytoplankton allelopathy model under regime switching
安丽焕, 刘道平, 陈永军, 杨亮, 杨梦	Theoretical and experimental study on the lifting performance of bubble pump with variable cross-section lift tube
蔡泰民, 贾志海, 杨荟楠, 王刚	Investigation of Cassie-Wenzel Wetting transitions on microstructured surfaces
陈二云, 赵改平, 李国平, 南国防, 杨爱玲	Numerical investigation on flow-induced structural vibration and noise in centrifugal pump
陈建, 陈榴, 聂龙, 徐洪涛, 杨茉, 王灿星	Experimental study of two-stage Savonius rotors with different gap ratios and phase shift angles
陈珺, 孙晓晶, 黄典贵	A new type of vertical-axis wind turbine equipped with the blades having micro-cylinders installed in front of their leading-edges
陈榴 陈建 徐洪涛 杨洪兴 刘娣	Wind tunnel investigation on the two- and three-blade Savonius rotor with central shaft at different gap ratio



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陈上, 崔国民	Uniformity factor of temperature difference in heat exchanger networks
陈永军, 刘道平, 黄塬琳, 赵荣祥, 陆引哲学	Theoretical model validation study of variable cross-section upright tubular bubble pump
成欣、叶舟、丁勤卫、李春	Influence study on dynamic responses of helical strake for floating wind turbines
程树, 吴睿, 崔国民, 李延铭	Visual experimental study on drying of the porous media with gas purging boundary
崔创, 卢玫, 单彦广, 李凌, 霍瑞明	A numerical study on temperature research for microwave thermal therapy of tumor
崔晓钰, 邱子骞, 翁建华, 李治华	Heat transfer performance of closed loop pulsating heat pipes with methanol-based binary mixtures
丁勤卫, 李春, 叶柯华, 杨阳, 叶舟	Effect of wind, wave and current on movement characteristics of array of floating wind turbine Spar platform
丁勤卫, 李春, 叶舟, 阚威	Effects of wind gust on a wind turbine's vibration characteristics
高明, 章立新, 全晓军, 刘婧楠	Investigation of boiling bubble dynamics on a rib heating surface under an electric field
顾建飞、苏明旭、蔡小舒	Development of a digital 8-channel ultrasonic process tomography system
桂欣扬, Alliot, Aymeric, 杨斌, 周骛, 平力, 蔡小舒	Research on radiation spectrum of pulverized coal combustion flame
郭明山, 金晶, 林郁郁, 王永贞, 侯封校	Transformation mechanism of nitrogen of municipal sewage sludge in the slow pyrolysis process
韩华, 崔晓钰, 朱悦, 徐天潇, 隋缘, 孙慎德	Experimental study on a closed-loop pulsating heat pipe (CLPHP) charged with water-based binary zeotropes and the corresponding pure fluids
韩小晨, 崔晓钰, 马柯, 邓高飞	Carbon nano-capsule coating for high-power LED thermal management
侯宝鑫, 张守玉, 吴巧美, 茆青, 姚云隆, 涂圣康, 金涛, 赵孟浩	Wood vinegar and its properties from pyrolysis of biomass
胡强, 熊志波, 白鹏, 王永贞, 武超, 周飞, 金晶, 路春美	Promotional mechanism of cerium oxide and titanium oxide doping on the low-temperature NH <sub>3</sub> -SCR activity of iron oxide

胡卓焕 何谐 黄天科 杨 茉 秦桂花	Full-scale research on the fluid flow and heat transfer of low-flux chevron-type plate heat exchangers under the equal-velocity condition
胡卓焕 王露露 王慧 杨 茉	Heat transfer based numerical investigation of aircraft cabin environment from various inlet conditions
纪晓明、苏明旭、汪雪 、蔡小舒	Particle size characterization based on ultrasonic impedance spectrum
贾志海，雷威，杨荟 楠，王刚	Dynamic Wetting Behavior of Vibrated Droplets on a Micropillared Surface
蒋驰，黄高山，丁士 金，董洪亮，门传玲， 梅永丰	Atomic Layer Deposition of Pt Nanoparticles for Microengine with Promoted Catalytic Motion
金娜，周骛，胡嘉睿， 蔡小舒	Method of three-dimensional positioning for moving particles with single lens
卡瑞米，徐洪涛，王治 云，杨茉，张玉文	Numerical simulation of transient forced convection in a square enclosure containing two heated circular cylinders
李贝贝，孙文科，吕 浩，肖瑞雪，徐洪涛， 杨茉	The study of oscillating characteristic of double diffusive mixed convection in an enclosure
李博汉，卢玫	Determining a point heat source position in a 2D domain using the Bi-objective ant colony optimization
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李凌，周凌，单彦广， 杨茉	Analysis of rapid melting and resolidification in femtosecond laser interaction with nanoparticle
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李银各；谭鑫；林显 巧；王乃安；黄典贵	The Thermal Design and Analysis of Centrifugal Turbine
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梁晴晴，韩华，崔晓 钰，谷波	Fault diagnosis for refrigeration system based on PCA-PNN
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刘敦禹；Wall, Terry； Stanger, Rohan	CO <sub>2</sub> quality control in Oxy-fuel technology for CCS
刘敦禹；熊志波；金晶	Conceptual design of a packed bed for the removal of SO <sub>2</sub> in Oxy-fuel combustion prior to compression

刘家讯, 杨斌, 蔡小舒	Research of combustion diagnostics and testing in boiler based on radiation spectroscopy
刘举, 白鹏博, 凡凤仙, 胡晓红	Research progress on behavior mode of granular matter under vertical vibration
刘磊, 金晶, 林郁郁, 侯封校	Effect of calcium on the absorption of NO on char surface
刘磊, 金晶, 林郁郁, 侯封校, 李生娟	The effect of calcium on nitric oxide heterogeneous adsorption on carbon
刘妮, 赖晓玲, 闫凯, 张华	Investigation of flow and heat transfer characteristics on different heat exchangers of air conditioner
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
刘少帅 张安阔 陈曦 阚安康 蒋艳阳 张华 吴亦农	Effect of coiling ways of inertance tube on performance of pulse tube cryocooler
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刘旭博, 门传玲, 张晓华, 李清文	An Extraordinary Sulfonated-Graphenal-Polymer-Based Electrolyte Separator for All-Solid-State Supercapacitors
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邱金友, 张华, 余晓明, 王裘, 吴银龙	Flow boiling heat transfer characteristic of refrigerant R1234ze(E) in horizontal circular tube
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沈思苇, 杨茉, 蒋艳华, 王治云	The numerical simulation of the influence of venturi burner's structure on rich/lean separation
沈云羿, 杨茉, 徐洪涛, 沈思苇, 严祯荣	Investigation of the forming mechanism of flue gas side heat deviation and improvement measures in the boiler furnace with a symmetrical structure
施赛燕, 崔晓钰, 韩华, 翁建华, 李治华	A study of the heat transfer performance of a pulsating heat pipe with ethanol-based mixtures
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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
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王莹；孙晓晶；朱兵； 蒋康；黄典贵	Research on Energy Extraction Characteristics for Different Series of Flapping hydrofoils
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杨大章, 柳建华, 鄂晓雪, 姜林林	Model for seawater fouling and effects of temperature, flow velocity and surface free energy on seawater fouling
杨荟楠, 郭晓龙, 苏明旭, 蔡小舒	Measurement of the evaporating liquid film of a urea-water solution using diode laser absorption spectroscopy
杨荟楠, 苏明旭, 汪雪, 顾建飞, 蔡小舒	Particle sizing with improved genetic algorithm by ultrasound attenuation spectroscopy
杨靖宁, 张守玉, 姚云隆, 茆青, 李尤, 黄小河	Calcium transformation during the high-temperature pyrolysis process of high-alkali coal from Xinjiang
杨亮, 崔国民, 刘道平, 谢应明, 陈建	Rapid and repeatable methane storage in clathrate hydrates using gel-supported surfactant dry solution
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杨阳, 李春, 叶舟, 缪维跑	Optimal design of horizontal-axis wind turbines blade based on multi-object genetic algorithm
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应芝，郑晓园，崔国民	Pressurized oxy-fuel combustion performance of pulverized coal for CO <sub>2</sub> capture
应芝，郑晓园，崔国民	Detailed kinetic study of the electrochemical Bunsen reaction in the sulfur-iodine cycle for hydrogen production
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张贺，单彦广，李凌，卢玫，Li, R	Modeling the self-assembly of nanoparticles into branched aggregates from a sessile nanofluid droplet
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张杰，蔡小舒，周骛	Nanoparticle size distribution inversion algorithm in image dynamic light scattering
张珂，李凌，任松涛，贾琼	Simulation of lattice Boltzmann method for nano-film laser irradiation process
张冉，谢应明，宋健峰，邢利欣，孔丁峰，李雪梅，何涛	Extraction of boron from salt lake brine using 2-ethylhexanol
张万福，杨建刚，李春，戴韧，杨爱玲	Research on characteristics of fluid-induced vibration for short labyrinth seals
张霄月，张敏，陈琬钰，杨帆，郭雪岩	Free surface vortex in a rotating barrel with rods of different heights
章立新 张超 刘婧楠 林宗虎 叶军 高明 沈艳	Nominal condensing capacity and performance evaluation of evaporative condenser
赵兵涛, 苏亚欣, 崔国民	Post-combustion CO <sub>2</sub> capture with ammonia by vortex flow-based multistage spraying

赵兵涛, 苏亚欣, 刘敦禹, 张 航, 刘 旺, 崔国民	SO <sub>2</sub> /NO <sub>x</sub> emissions and ash formation from algae biomass combustion
赵兵涛, 陶雯雯, 钟美, 苏亚欣, 崔国民	Process, performance and modeling of CO <sub>2</sub> capture by chemical absorption using high gravity
赵孟浩, 张守玉, 董建勋, 李尤, 丁艳军, 吕俊复	Numerical simulation of single lignite particle drying process in high temperature flue gas
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Journal of Water Chemistry and Technology	环建
Yantu Lixue/Rock and Soil Mechanics	环建
Materials Letters	环建
Taiyangneng Xuebao/Acta Energiae Solaris Sinica	环建
Taiyangneng Xuebao/Acta Energiae Solaris Sinica	环建
Huagong Xuebao/CIESC Journal	环建
Applied Surface Science	环建
Yanshilixue Yu Gongcheng Xuebao/Chinese Journal of Rock Mechanics and Engineering	环建
Jianzhu Jiegou Xuebao/Journal of Building Structures	环建
Yantu Gongcheng Xuebao/Chinese Journal of Geotechnical Engineering	环建
Yantu Gongcheng Xuebao/Chinese Journal of Geotechnical Engineering	环建
Yantu Gongcheng Xuebao/Chinese Journal of Geotechnical Engineering	环建

Tumu Gongcheng Xuebao	环建
Yantu Lixue/Rock and Soil Mechanics	环建
Geomechanics and Engineering	环建
Communications in Nonlinear Science and Numerical Simulation	环建
Nonlinear Dynamics	环建
Telkomnika (Telecommunication Computing Electronics and Control)	机械
Quality and Reliability Engineering International	机械
International Journal of Advanced Manufacturing Technology	机械
Qiche Gongcheng/Automotive Engineering	机械
Energy and Fuels	机械
International Journal of Advanced Manufacturing Technology	机械
Insight	机械
International Journal of Advanced Manufacturing Technology	机械
International Journal of Advanced Manufacturing Technology	机械
Beilstein Journal of Nanotechnology	机械
Langmuir	机械
International Journal of Heat and Mass Transfer	机械
Guangxue Jingmi Gongcheng/Optics and Precision Engineering	机械

Shock and Vibration	机械
Materials and Design	机械
Jixie Gongcheng Xuebao/Journal of Mechanical Engineering	机械
Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS	机械
Journal of Testing and Evaluation	机械
Journal of Shanghai Jiaotong University (Science)	机械
Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)	机械
Journal of Central South University	机械
Qiche Gongcheng/Automotive Engineering	机械
Mechanical Systems and Signal Processing	机械
International Journal of Non-Linear Mechanics	机械
	机械
Renewable Energy	机械
Zhongguo Jiguang/Chinese Journal of Lasers	机械
International Journal of Automotive Technology	机械
International Journal of Applied Electromagnetics and Mechanics	机械
Applied Acoustics	机械



Journal of Testing and Evaluation	机械
Journal of Mechanical Science and Technology	机械
Zhendong yu Chongji/Journal of Vibration and Shock	机械
International Journal of Geomechanics	机械
Transport in Porous Media	机械
Qiche Gongcheng/Automotive Engineering	机械
Applied Energy	机械
Zhendong yu Chongji/Journal of Vibration and Shock	机械
International Journal of Control and Automation	机械
Proceedings of the Institution of Mechanical Engineers, Part C	机械
Proceedings of the Institution of Mechanical Engineers, Part C	机械
Jixie Gongcheng Xuebao/Journal of Mechanical Engineering	机械
Neiranji Gongcheng/Chinese Internal Combustion Engine Engineering	机械
Journal of the Electrochemical Society	理
IEEE Photonics Technology Letters	理
Electrochimica Acta	理
Optical and Quantum Electronics	理
Applied Optics	理

Zhongguo Jiguang/Chinese Journal of Lasers	理
Applied Mathematics Letters	理
Optical Materials	理
Optics Communications	理
Wuli Xuebao/Acta Physica Sinica	理
Electrochimica Acta	理
Journal of Modern Optics	理
Nano	理
Gaodeng Xuexiao Huaxue Xuebao/Chemical Journal of Chinese Universities	理
Journal of Applied Physics	理
Surface Review and Letters	理
Journal of Global Optimization	理
SIAM Journal on Optimization	理
Journal of the Optical Society of America A	理
Applied Numerical Mathematics	理
Journal of the Electrochemical Society	理

Journal of Materials Chemistry B	理
Applied Optics	理
Applied Physics Letters	理
Journal of Physics Condensed Matter	理
International Journal of Bifurcation and Chaos	理
Materials and Design	理
Applied Mathematics Letters	理
Materials Letters	理
Communications in Nonlinear Science and Numerical Simulation	理
Physica A	理
Communications in Nonlinear Science and Numerical Simulation	理
Applied Thermal Engineering	能动
Colloid and Polymer Science	能动
Journal of Vibroengineering	能动
Journal of Renewable and Sustainable Energy	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Journal of Renewable and Sustainable Energy	能动

Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Applied Thermal Engineering	能动
Taiyangneng Xuebao/Acta Energiae Solaris Sinica	能动
Taiyangneng Xuebao/Acta Energiae Solaris Sinica	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Experimental Thermal and Fluid Science	能动
Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering	能动
Zhendong yu Chongji/Journal of Vibration and Shock	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis	能动
Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Energy	能动
Materials Research Innovations	能动
Ranliao Huaxue Xuebao/Journal of Fuel Chemistry and Technology	能动
Zhongguo Huanjing Kexue/China Environmental Science	能动

Numerical Heat Transfer; Part A	能动
Frontiers in Heat and Mass Transfer	能动
Huagong Xuebao/CIESC Journal	能动
Advances in Materials Science and Engineering	能动
Nanoscale Research Letters	能动
Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)	能动
International Journal of Numerical Methods for Heat and Fluid Flow	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Heat Transfer Research	能动
Applied Physics A	能动
Numerical Heat Transfer; Part A	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Journal of Engineering Thermophysics	能动
Meitan Xuebao/Journal of the China Coal Society	能动
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Applied Thermal Engineering	能动
Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)	能动
International Journal of Greenhouse Gas Control	能动
International Journal of Greenhouse Gas Control	能动

Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Ranliao Huaxue Xuebao/Journal of Fuel Chemistry and Technology	能动
Energy	能动
Applied Thermal Engineering	能动
International Journal of Refrigeration	能动
Huagong Xuebao/CIESC Journal	能动
RSC Advances	能动
Small	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
International Journal of Refrigeration	能动
International Journal of Refrigeration	能动
International Journal of Heat and Mass Transfer	能动
Energy	能动
Journal of Renewable and Sustainable Energy	能动
Journal of Solar Energy Engineering, Transactions of the ASME	能动

Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
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Numerical Heat Transfer; Part A	能动
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Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Applied Thermal Engineering	能动
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Archive of Applied Mechanics	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Advances in Materials Science and Engineering	能动
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Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument	能动
Huagong Xuebao/CIESC Journal	能动
Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Colloid and Polymer Science	能动

Journal of Hydrodynamics	能动
Engineering Optimization	能动
International Journal of Thermal Sciences	能动
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Chemosphere	能动
Huagong Xuebao/CIESC Journal	能动
Applied Mathematical Modelling	能动
International Journal of Multiphase Flow	能动
Energy	能动
Journal of Engineering Thermophysics	能动
Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University	能动
Open Fuels and Energy Science Journal	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Taiyangneng Xuebao/Acta Energiae Solaris Sinica	能动
Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Huagong Xuebao/CIESC Journal	能动



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Hangkong Dongli Xuebao/Journal of Aerospace Power	能动
Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)	能动
Yuhang Xuebao/Journal of Astronautics	能动
Annals of Nuclear Energy	能动
Chinese Journal of Chemical Engineering	能动
Lasers in Engineering	能动
Powder Technology	能动
Meitan Xuebao/Journal of the China Coal Society	能动
Chemical Engineering Science	能动
Taiyangneng Xuebao/Acta Energiae Solaris Sinica	能动
Zhendong yu Chongji/Journal of Vibration and Shock	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Journal of Mechanical Science and Technology	能动
Energy and Fuels	能动

Zhendong yu Chongji/Journal of Vibration and Shock	能动
Journal of Engineering Thermophysics	能动
Applied Thermal Engineering	能动
Energy Conversion and Management	能动
Journal of Fluids and Structures	能动
Fangzhi Xuebao/Journal of Textile Research	能动
Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Applied Thermal Engineering	能动
Huagong Jinzhan/Chemical Industry and Engineering Progress	能动
Applied Thermal Engineering	能动
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Applied Thermal Engineering	能动
Guangxue Xuebao/Acta Optica Sinica	能动
Guangxue Xuebao/Acta Optica Sinica	能动
Hydrometallurgy	能动
Journal of Vibroengineering	能动
International Journal of Fluid Machinery and Systems	能动
Applied Thermal Engineering	能动
Energy	能动

Energy	能动
Renewable and Sustainable Energy Reviews	能动
Huagong Xuebao/CIESC Journal	能动
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Guangxue Xuebao/Acta Optica Sinica	能动
Mathematical Problems in Engineering	能动
Energy Conversion and Management	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Chinese Optics Letters	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	能动
Gongneng Cailiao/Journal of Functional Materials	实管中心
Shipin Kexue/Food Science	医食
Analytical and Bioanalytical Chemistry	医食
Advanced Drug Delivery Reviews	医食
optics and precision engineering	医食

Journal of Medical and Biological Engineering	医食
Hanjie Xuebao/Transactions of the China Welding Institution	医食
Drying Technology	医食
Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery	医食
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Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery	医食
Shipin Kexue/Food Science	医食
Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis	医食
Computers and Electronics in Agriculture	医食
Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis	医食
Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
Shipin Kexue/Food Science	医食

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Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
Kung Cheng Je Wu Li Hsueh Pao/Journal of Engineering Thermophysics	医食
Gaodeng Xuexiao Huaxue Xuebao/Chemical Journal of Chinese Universities	医食
Gongneng Cailiao/Journal of Functional Materials	医食
Talanta	医食
Biosensors and Bioelectronics	医食
International Journal of Refrigeration	医食
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Journal Wuhan University of Technology, Materials Science Edition	医食
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Optik	医食
Shipin Kexue/Food Science	医食
Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
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Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
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Shengwu Yixue Gongchengxue Zazhi/Journal of Biomedical Engineering	医食
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Shipin Kexue/Food Science	医食
Shipin Kexue/Food Science	医食