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| 张子英,金佳瑞,张惠珍,齐笑笑,杨卞,赵辉 | First-principles calculation of hydrogen adsorption and diffusion on Mn-doped Mg <sub>2</sub> Ni (010) surfaces                          |
| 张子英,赵辉,张惠珍,胡俊,金佳瑞     | Microstructure evolution and pitting corrosion behavior of UNS S32750 super duplex stainless steel welds after short-time heat treatment |
| 赵靖,Li, Peng           | An extended car-following model with consideration of vehicle to vehicle communication of two conflicting streams                        |
| 赵靖,Liu, Yue           | Safety Evaluation of Intersections with Dynamic Use of Exit-Lanes for Left-Turn using Field Data   |
| 赵靖,Liu, Yue           | Modeling Pedestrian Delays at Signalized Intersections as a Function of Crossing Directions and Moving Paths                             |
| 赵靖,马万经,Li, Peng       | Optimal design of midblock crosswalk to achieve trade-off between vehicles and pedestrians   |
| 赵靖,马万经,徐海军            | Increasing the Capacity of the Intersection Downstream of the Freeway Off-Ramp Using Presignals  |
| 赵靖,姚佼,何胜学,韩印          | Operational efficiency evaluation of intersections with dynamic lane assignment using field data   |

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| A. Zahid,戴博,洪瑞金,张大伟  | Optical properties study of silicone polymer PDMS substrate surfaces modified by plasma treatment                    |
| Chen Yewang,Tang Shengyu,裴颂文   | DHeat: A Density Heat-based Algorithm for Clustering with Effective Radius   |
| Pengji Ding,Eduardo Oliva,Aurelien Houard,Andre Mysyrowicz,刘一  | lasing dynamics of neutral nitrogen molecules in femtosecond filaments   |
| Pengji Ding,Juan Carlos Escudero,Aurélien Houard,Alberto Sanchis,Javier Vera,Sergio Vicéns,刘一,Eduardo Oliva                              | Nonadiabaticity of cavity-free neutral nitrogen lasing   |
| Vladimir T. Tikhonchuk,Jean Felix Tremblay Bugeaud,刘一,Aurelien Houard,Andre Mysyrowicz   | Excitation of nitrogen molecular ions in a strong laser field by electron recollisions                               |
| Xiaoming Xu,Chaojiang Niu,Manyi Duan,Xuanpeng Wang,Lei Huang,Junhui Wang,Liting Pu,Wenhao Ren,Changwei Shi, Jiasheng Meng,宋波,Liqiang Mai | 碱土金属钒酸盐作为钠离子电池阳极   |
| Yewang Chen,shengyu Tang,裴颂文   | Decentralized Clustering by Finding Loose and Distributed Density Cores  |
| 蔡斌,陈海涛,徐公杰,赵红卫,Sugihara,Okihiro  | Ultra-Broadband THz Antireflective Coating with Polymer Composites   |
| 曾祥埏,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 |
| 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  |
| 陈飞鸿,郝强,曾和平   | Optimization of an NALM Mode-Locked All-PM Er:Fiber Laser System   |
| 陈麟,Xu Ningning,Singh Leena,Cui Tiejun,Singh Ranjan,朱亦鸣,Zhang Weili   | Defect-Induced Fano Resonances in Corrugated Plasmonic Metamaterials   |

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| 陈世华,YANLIN<br>YE,FABIO BARONIO,<br>刘一,XIAN-MING<br>CAI,PHILIPPE<br>GRELU | Optical Peregrine rogue waves of self-induced transparency in a resonant erbium-doped fiber                                      |
| 陈万青,彭滢,姜先凯,赵佳宇,朱亦鸣   | Isomers Identification of 2-hydroxyglutarate acid disodium salt (2HG) by Terahertz Time-domain Spectroscopy                      |
| 慈文彦,黄影平  | A Robust Method for Ego-motion Estimation in Urban Environment Using Stereo Camera   |
| 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                                |
| 丁德锐,王子栋,魏国亮  | Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks |
| 丁德锐,王子栋,魏国亮  | Observer-based event-triggering consensus control for multiagent systems with lossy sensors and cyber-attacks                    |
| 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,洪瑞金,陶春先,王琦,王旭,张大伟,庄松林   | Tunable optical limiting optofluidic device filled with graphene oxide dispersion in ethanol                                     |
| 方朝龙,戴博,徐巧,王琦,张大伟   | Optofluidic Tunable Linear Narrow-Band Filter Based on Bragg Nanocavity  |
| 方朝龙,戴博,徐巧,王琦,张大伟   | Optofluidic tunable linear narrow-band filter based on Bragg nanocavity  |
| 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 biconcave                    |
| 冯吉军,郝强   | Three-Dimensional Cross-Coupled Silicon Nitride Racetrack Resonator-Based Tunable Optical Filter                                 |
| 高丽萍,张玉本,陈庆奎  | A multi-version document storage strategy based on chord in large-scale real time collaborative environments                     |
| 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                             |
| 郭杰,马军山   | A non-contact method for determining the junction temperature of GaN-based blue light LED  |
| 郭亮,王琦,黄元申,张大伟  | Portable organic gas detection sensor based on the effect of guided-mode resonance   |

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| 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 |
| 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  |
| 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                     |
| 韩非,魏国亮,丁德锐,宋燕               | Local Condition Based Consensus Filtering With Stochastic Nonlinearities and Multiple Missing Measurements  |
| 韩非,魏国亮,丁德锐,宋燕               | Finite-horizon bounded H-infinity synchronisation and state estimation for discrete-time complex networks: local performance analysis                           |
| 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  |
| 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  |
| 郝强,朱国申,杨松,杨康文,段弢,谢小平,黄坤,曾和平 | Mid-infrared transmitter and receiver modules for free-space optical communication  |
| 洪瑞金,姬佳林,陶春先,张大伟             | Fabrication of Au/graphene oxide/Ag sandwich structure thin film and its tunable energetics and tailorable optical properties                                   |
| 胡金兵,梁斌明,蔡小舒,庄松林             | Influence of surface termination on inverse Goos-Hanchen shift of negatively refractive photonic crystals   |
| 胡金兵,夏桐楠,蔡小舒,田胜楠,郭汉明,庄松林     | Right- and left-handed rules on the transverse spin angular momentum of a surface wave of photonic crystal  |
| 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      |
| 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 an CCD   |
| 姜松,饶俊峰,吴忠航,李孜               | Effects of Coaxial Dielectric Barrier Discharge System on Water Treatment by Water Stream Well Mixed with Air   |
| 蒋强,陈家璧,梁斌明,王燕,胡金兵,庄松林       | Direct measurement of the negative Goos-H ä nchen shift of single reflection in two dimensional photonic crystal with negative refractive index                 |
| 焦新兵,柏雪,赵新未,郝蕊蕊,潘倩           | Optical beam shift induced by direct current  |

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| 焦新兵,沈杨帆,赵新未,文静  | Properties of Garnet monolayer graphene depolarizer  |
| 焦新兵,赵新未,柏雪,郝蕊蕊,潘倩,梁宝健   | A beam splitter driven by the garnet-graphite interface effect   |
| 金涛,冀胡东,侯文玫,乐燕芬,沈璐   | Measurement of straightness without Abbe error using an enhanced differential plane mirror interferometer                      |
| 金涛,沈璐,Hosaka Sumio,Yin You,Takeshi Miura,侯文玫                        | Scanning Near Field Circular Polarization Optical Microscope for Measuring Magnetic Nanodot Arrays                             |
| 金涛,夏桂珍,侯文玫,乐燕芬,韩森   | High resolution and stability roll angle measurement method of precision linear displacement stages                            |
| 荆铭,洪瑞金,邵文,林辉,张大伟,庄松林  | Laser induced photocatalytic activity enhancement of TiO <sub>2</sub> thin films   |
| 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 Ti <sup>3+</sup> self-doping   |
| 李峰,吴智政,钱晋武  | Youla-Kucera Parameterized Adaptive Regulator for Assistant Force Training in Lower Extremity Rehabilitation Robot System      |
| 李剑锋,陈世平   | A PR-Quadtree Based Multi-Dimensional Indexing for Complex Query in a Cloud System[J].   |
| 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 |
| 李敏,袁帅,曾和平   | THz Frequency Modulation by Filamentary Plasma Grating   |
| 李振庆,黄嘉欣,杨波,游庆祥,关根伸一,张大伟,山口佳则  | Miniaturized Gel Electrophoresis System for Fast Separation of Nucleic Acids   |
| 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                                    |
| 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           |
| 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            |

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| 刘帅,魏国亮,宋燕,王子栋  | Set-membership state estimation subject to uniform quantization effects and communication constraints                   |
| 刘亚,王红兵,王春露   | Efficient and Secure Certificateless Proxy Re-Encryption  |
| 刘一,Pengji Ding,Neven Ibrakovic,Samuel Bengtsson,Shihua Chen,DANYLO ROSTYSLAV,Emma R. Simpson,Esben W. Larsen,张翔,范政权,Aur'elien Houard,Aur'elien Houard,Johan Mauritsson,Anne L' Huillier,Cord L. Arnold,庄松林,Vladimir Tikhonchuk,Andr'e Mysyrowicz | Unexpected Sensitivity of Nitrogen Ions Superradiant Emission on Pump Laser Wavelength and Duration                     |
| 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 VO <sub>2</sub> /W Multilayer Structure  |
| 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 VO <sub>2</sub> films                       |
| 罗玉强,王子栋,梁金玲,魏国亮,Fuad E. Alsaadi  | H <sup>∞</sup> Control for 2-D Fuzzy Systems With Interval Time-Varying Delays and Missing Measurements                 |
| 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 |
| 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                        |
| 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.                |
| 毛靖阳,丁德锐,宋燕   | Event-based recursive filtering for time-delayed stochastic nonlinear systems with missing measurements                 |
| 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   |
| 苗玉,王冠学,詹秋芳,隋国荣,高秀敏   | Focal pattern evolution of radially polarized Lorentz-Gaussian vortex beam  |
| 倪裕杰,计儒,龙恺文,卜婷,陈克坚,庄松林  | A review of 3D-printed sensors  |



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| 彭焉廷,贾宏志,方良                  | Theoretical analysis of hollow ring-core optical fibre for transmitting orbital angular momentum modes                                      |
| 钱林勇,张大伟,戴博,黄元申,陶春先,洪瑞金,庄松林  | Electrically driving bandwidth tunable guided-mode resonance filter based on a twisted nematic liquid crystal polarization rotator          |
| 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                           |
| 秦川,陈学琴,董晶,张新鹏               | Perceptual Image Hashing with Selective Sampling for Salient Structure Features   |
| 秦川,季平,王金伟,张真诚               | Fragile Image Watermarking Scheme Based on VQ Index Sharing and Self-embedding  |
| 秦川,季平,张新鹏,董晶,王金伟            | Fragile Image Watermarking With Pixel-wise Recovery Based on Overlapping Embedding Strategy   |
| 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  |
| 盛斌,陈国华,黄元申,罗露雯              | Note: Measuring grating periods by diffraction method with a fore-end light path comprising fused fiber couplers and fiber port collimators |
| 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   |
| 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                        |
| 苏湛,艾均,熊乃学                   | An improved robust finite-time dissipative control for uncertain fuzzy descriptor systems with disturbance                                  |
| 孙红,汤卿,徐立萍,陈世平               | Multi objective optimization of virtual machine migration placement based on Cloud Computing  |
| 孙红,王伟峰,陈世平,徐立萍              | Research and Implementation of Load Balancing Technology for Cloud Computing  |
| 孙伟卿,谈一鸣,叶磊,陈顺风              | Optimizing the Load Curve of Electric Vehicle Battery Swapping Station  |
| 陶春先,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,李振庆,张大伟                 | Real-time Tracking of DNA Fragment Separation by Smartphone   |
| 陶春先,阮俊英,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                    |

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| 田甜,蔡斌,叶天明,程庆庆,展鹏,徐公杰,张玲,Sugihara,Okihiro | One-minute self-assembly of millimetre-long DAST crystalline microbelts via substrate-supported rapid evaporation crystallization              |
| 田颖,杜文莉,Viliam Makis                      | Improved Cost-optimal Bayesian Control Chart based Auto-correlated Chemical Process Monitoring   |
| 佟国香,吴冠宁,谭健,熊乃学                           | A Digital Noise Reduction Scheme in Communication Systems for Internet of Things   |
| 汪丹妮,陈麟,方波,朱亦鸣                            | Spoof Localized Surface Plasmons Excited by Plasmonic Waveguide Chip with Corrugated Disk Resonator  |
| 王刚,王朝立,蔡轩,季云峰                            | Distributed Leaderless and Leader-Following Consensus Control of Multiple Euler-Lagrange Systems with Unknown Control Directions               |
| 王刚,王朝立,李琳                                | Fully Distributed Low-Complexity Control for Nonlinear Strict-Feedback Multiagent Systems With Unknown Dead-Zone Inputs                        |
| 王刚,王朝立,阎妍                                | Designing distributed consensus protocols for second-order nonlinear multi-agents with unknown control directions under directed graphs        |
| 王冠学,苗玉,詹秋芳,隋国荣,张荣福                       | Focusing of linearly polarized Lorentz-Gaussian beam with helical axicon   |
| 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                                 |
| 王康妮,郑继红,刘悠嵘,陆飞跃,高辉,庄松林                   | Wide-viewing-angle switchable image splitter obtained using varied-line-spacing H-PDLC Bragg grating   |
| 王宁,陈明明,贾宏志,金涛,谢继龙                        | Study of Voltage-Controlled Characteristics for Thermoelectric Coolers   |
| 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 layer                              |
| 王琦,刘琪,李业,黄元申,张大伟                         | Characteristics of guided-mode resonance filter with elliptically polarized incident light   |
| 王永雄,施煜波,魏国亮                              | A novel local feature descriptor based on energy information for human activity recognition  |
| 韦晓孝,万新军,杨波                               | An Annulus-Sector Segmented Primary Mirror   |
| 魏文左,洪瑞金,陶春先,张大伟                          | Electron-beam irradiation induced phase transformation,optical absorption and surface-enhanced Raman scattering of Indium tin alloy thin films |
| 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                            |

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| 文静,冯辉,陈建农,王康,吕亚婷,钟阳万,张大伟         | Plasmonic Holographic Metasurfaces for Generation of Vector Optical Beams   |
| 文静,冯辉,刘仕良,张大伟                    | Arbitrary continuous nano-marks generated by multifocal spot arrays for controllable laser printing                                     |
| 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  |
| 邬春学,邬文良,万才华,Ernst Bekkering,熊乃学  | Design and Analysis of a Data Fusion Scheme in Mobile Wireless Sensor Networks Based on Multi-Protocol Mobile Agents                    |
| 夏鲲,李正荣,卢晶,董斌,毕超                  | Acoustic Noise of Brushless DC Motors Induced by Electromagnetic Torque Ripple  |
| 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                    |
| 肖寒,李毅,方宝英,王晓华,刘志敏,张娇,李政鹏,黄雅琴,裴江恒 | Voltage-induced switching dynamics based on an AZO/VO <sub>2</sub> /AZO sandwiched structure  |
| 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   |
| 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                |
| 熊乃学,邬文良,邬春学                      | An Improved Routing Optimization Algorithm Based on Travelling Salesman Problem for Social Networks                                     |
| 徐立萍,孙红                           | Anterior cervical discectomy and Fusion versus posterior laminoplasty for multilevel cervical myelopathy: A meta-analysis               |
| 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  |
| 颜乐,张孙杰,丁德锐                       | H-infinity state estimation for memristive neural networks with multiple fading measurements  |
| 杨晖,张北帆,李然,郑刚,V. Zivkovic.        | Particle dynamics in avalanche flow of irregular sand particles in the slumping regime of a rotating drum                               |
| 仰敏,张玲,陈彬,王铮,陈超,曾和平               | Silver nanoparticles decorated nanoporous gold for surface-enhanced Raman scattering  |
| 姚恒,秦川,唐振军,田颖                     | Guided filtering based color image reversible data hiding   |
| 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 |

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| 姚恒,王朔中,张新鹏,秦川,王金伟           | Detecting Image Splicing Based on Noise Level Inconsistency   |
| 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  |
| 尹钟,张建华                      | Cross-subject recognition of operator functional states via EEG and switching deep belief networks with adaptive weights  |
| 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  |
| 尤素萍,张薇,杨波                   | 3-D color light field image encryption based on micro-lens array  |
| 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   |
| 于佳鑫,南君义,曾和平                 | Size control of nanoparticles by multiple-pulse laser ablation  |
| 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 |
| 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  |
| 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   |
| 詹秋芳,张荣福,高秀敏                 | Topological charge determination of linearly polarized Lorentz-Gaussian vortex beam   |
| 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  |
| 张孙杰,丁德锐,魏国亮,刘玉荣,Alsaadi, FE | Design and analysis of $H^\infty$ filter for a class of T-S fuzzy system with redundant channels and multiplicative noises  |
| 张孙杰,丁德锐,魏国亮,刘玉荣,Alsaadi, FE | $H^\infty$ state estimation for artificial neural networks over redundant channels  |
| 张伟,王亚刚,张卫东                  | Optimal Disturbance Rejection Controller Design for Integrating Processes with Dead Time Based on Algebraic Theory  |
| 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                               |
| 朱梦均,张大伟                     | A Near Infrared Broadband Surface Plasmonic Lens Constructed with Multiple Couplers with Unidirectional Propagation Property  |

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| 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  |
| 毕德贵,张健,张忠孝                    | Industrial Trials of High-Temperature Selective Noncatalytic Reduction Injected in the Primary Combustion Zone in a 50 MWe Tangentially Firing Pulverized-Coal Boiler for Deeper NO <sub>x</sub> Reduction |
| 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   |
| 蔡晴,刘成路,印朝闯,崔立峰,史焕聪,康诗飞,王燕刚    | Biotemplating Synthesis of Graphitic Carbon-Coated TiO <sub>2</sub> and Its Application as Efficient Visible-Light-Driven Photocatalyst for Cr <sup>6+</sup> Remove  |
| 常飞,王晓方,罗洁茹,王杰,谢运超,邓保庆,胡学锋     | Ag/Bi <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> composite: A case study of visible-light-driven plasmonic photocatalyst  |
| 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   |
| 陈维芳,许智华                       | Heavy metal (Cu, Cd, Pb, Cr) washing from river sediment using biosurfactant rhamnolipid   |
| 陈有亮,王苏然,倪静                    | An experimental study of the mechanical properties of granite after high temperature exposure based on mineral characteristics   |
| 崔立峰,赵迪,杨阳,张晓东                 | Synthesis of highly efficient $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> catalysts for CO oxidation derived from MIL-100(Fe)   |
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| 邓保庆                           | Developing semi-analytical solution for multiple-zone transient storage model with spatially non-uniform storage. Journal of Hydrology   |
| 邓保庆,丁琼,葛大强                    | Three dimensional Eulerian-Eulerian simulation on hydrodynamics in dissolved air flotation tank with different turbulence models   |
| 樊俊杰                           | Experiment and Mechanism Study on the Effect of Kaolin on Melting Characteristics of Zhundong Coal Ash   |
| 方学友,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                                      |

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| 方学友,史焕聪,康诗飞,崔立峰             | Enhanced efficiency and stability of Co <sub>0.5</sub> Cd <sub>0.5</sub> S/g-C <sub>3</sub> N <sub>4</sub> composite photo-catalysts for hydrogen evolution from water under visible light irradiation |
| 方学友,宋佳玲,史焕聪,康诗飞,李亚光,孙冠武,崔立峰 | 钴镍硫化物负载再氮化碳上的光催化剂的可见光下水解产氢强化的效率和稳定性研究  |
| 高玉琼                         | Comparative study of naproxen degradation in water by UV/persulfate and UV/H <sub>2</sub> O <sub>2</sub> processes   |
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| 黄文远,刘宁  | Metal organic framework g-C <sub>3</sub> N <sub>4</sub> /MIL-53(Fe) heterojunctions with enhanced photocatalytic activity for Cr(VI) reduction under visible light                                       |
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| 黄远星,张道方,许智华   | Effect of overlying water pH, dissolved oxygen and temperature on heavy metal release from river sediments under laboratory conditions   |
| 康诗飞,崔立峰   | Efficient Photocatalytic Bilirubin Removal over the Biocompatible Core/Shell P25/g-C <sub>3</sub> N <sub>4</sub> Heterojunctions with Metal-free Exposed Surfaces under Moderate Green Light Irradiation |
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| 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 <sub>3</sub> N <sub>4</sub> with Highly Enhanced Photocatalytic Reactive Oxygen Species Evolution under Visible Light Irradiation                     |
| 李飞鹏,毛凌晨   | Distribution and risk assessment of trace metals in sediments from Yangtze River estuary and Hangzhou Bay, China   |
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| 刘洪波   | Pollutant removal characteristics of a two-influent-line BNR process performing denitrifying phosphorus removal: role of sludge recycling ratios                                    |
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| 刘炜,黄晨,王雪颖,蔡姣,胡宇,邹志军,Louise B. Weschler,沈丽,Jan Sundell | Multimorbidities of asthma, allergies, and respiratory illnesses in childhood: Chance or not chance?  |
| 罗丽雯,徐苏云   | Evaluation of methanogenic microbial electrolysis cells (MECs) under closed/open circuit operations   |
| 吕娟  | Oxidation of N-nitrosodimethylamine in a heterogeneous nanoscale zero-valent iron/H <sub>2</sub> O <sub>2</sub> Fenton-like system:influencing factors and degradation pathway      |
| 吕娟  | Characterization of N-nitrosodimethylamine formation from the ozonation of ranitidine   |
| 毛凌晨   | Predicting trace metal solubility and fractionation in Urban soils from isotopic exchangeability  |
| 毛凌晨,李飞鹏,陶红  | Source-oriented variation in trace metal distribution and fractionation in sediments from developing aquaculture area—A case study in south Hangzhou bay, China                     |
| 倪静,陈有亮  | Effect of chemical erosion and freeze-thaw cycling on the physical and mechanical characteristics of granites   |
| 倪静,陈有亮,王苏然,彭斌,Azzam, Rafiq                            | Effect of chemical erosion and freeze-thaw cycling on the physical and mechanical characteristic of granites  |
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| 史焕聪   | Nitrosamine Formation in Amine-Based CO <sub>2</sub> Capture in the Absence of NO <sub>2</sub> : Molecular Modeling and Experimental Validation                                     |



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| 史焕聪,周云龙,左元慧,崔立峰             | Heterogeneous catalysis of CO <sub>2</sub> -diethanolamine absorption with MgCO <sub>3</sub> and CaCO <sub>3</sub> and comparing to non-catalytic CO <sub>2</sub> -monoethanolamine interactions |
| 孙婵娟                         | Associations of Building Characteristics and Lifestyle Behaviors with Allergic Disease for Adults in Shanghai from a Cross sectional survey  |
| 孙婵娟,黄晨                      | Home Dampness-related Exposures Increase the Risk of Common Colds among Preschool Children in Shanghai, China: Modified by Household Ventilation   |
| 王冠,张晓东                      | Magnetic evidence of anthropogenic dust deposition in urban soils of Shanghai, China   |
| 王海东,芦赛,程佳佳                  | Inverse modeling of indoor instantaneous airborne contaminant source location with adjoint probability-based method under dynamic airflow field  |
| 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  |
| 王丽慧,邹学成,陶辉                  | Experimental Study on Evolution Characteristics of the Heat Storage of Surrounding Soil in Subway Tunnels  |
| 王吟,熊扬,王佳员,张晓东               | Cellulose carbon xerogel supported double-perovskite nanoparticles as a versatile and efficient catalyst for the degradation of humic acid under microwave irradiation                           |
| 王吟,熊扬,王佳员,张晓东               | Ultrasonic-assisted fabrication of montmorillonite-lignin hybrid hydrogel: Highly efficient swelling behaviors and super-sorbent for dye removal from wastewater                                 |
| 许智华,张道方,陈维芳,李亚如,袁时珏         | Nanoscale iron oxides loaded granular activated carbon (GAC-NSIO) for cadmium removal  |
| 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  |
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| 伊学农,王玉琳                  | Treatment of high salt oxidized modified starch waste water using micro-electrolysis, two-phase anaerobic aerobic and electrolysis for reuse.   |
| 于国清,赵鹏程,陈东,金怡红           | Experimental verification of state space model and thermal performance analysis for active solar walls  |
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| 张晓东                      | The highly enhanced visible light photocatalytic degradation of gaseous o-dichlorobenzene through fabricating like-flowers BiPO <sub>4</sub> /BiOBr p-n heterojunction composites       |
| 张晓东,侯扶林,李红欣,杨阳,杨一琼,王吟    | Effects of Ag loading on structural and photocatalytic properties of flower-like ZnO microspheres   |
| 张晓东,侯扶林,杨阳,刘宁,杨一琼        | A facile synthesis for cauliflower like CeO <sub>2</sub> catalysts from Ce-BTC precursor and their catalytic performance for CO oxidation   |
| 张晓东,李红欣,侯扶林,杨阳,董寒,刘宁,崔立峰 | Synthesis of highly efficient Mn <sub>2</sub> O <sub>3</sub> catalysts for CO oxidation derived from Mn-MIL-100   |
| 张晓东,李红欣,杨阳,刘宁            | Facile synthesis of new efficient Cu/MnO <sub>2</sub> catalysts from used battery for CO oxidation  |
| 张晓东,杨阳,吕旭天,崔立峰           | Effects of Preparation Method on the Structure and Catalytic Activity of Ag-Fe <sub>2</sub> O <sub>3</sub> Catalysts Derived from MOFs  |
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| 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 |
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| 景大雷,潘昀路,李大勇,赵学增,布拉特布尚 | Effect of Surface Charge on the Nanofriction and Its Velocity Dependence in an Electrolyte Based on Lateral Force Microscopy                                      |
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| 高贯义,李重要,Mingyan Chen,Yiqun Xie,Yin Wang | Effect of molybdenum disulfide nanoribbon on quantum transport of graphene  |
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