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| **序号** | **论文名称** | **期刊名称** | **收录类别**  **（SCI、EI、其他）** | **作者**  **（固定人员）** | **卷、期** | **页面范围/文章号** | **发表年份** |
| 1 | Flexible high-performance microcapacitors enabled by all-printed two-dimensional nanosheets | SCIENCE BULLETIN | SCI和EI同时收录 | 李宝文,Zhang Shujun | 67:24 | 2541-2549 /DOI: 10.1016/j.scib.2022.12.003 Published: DEC 31 2022 | 2022 |
| 2 | Visualization of X-rays with an Ultralow Detection Limit via ZeroDimensional Perovskite Scintillators | ACS APPLIED MATERIALS & INTERFACES | SCI收录 | 徐晓红 | 14:51 | 56957-56962 /DOI: 10.1021/acsami.2c15902 Published: DEC 28 2022 | 2022 |
| 3 | High Verdet Constant Glass for Magnetic Field Sensors | ACS APPLIED MATERIALS & INTERFACES | SCI收录 | 许银生 | 14:51 | 57028-57036 /DOI: 10.1021/acsami.2c18119 | 2022 |
| 4 | Visualization of X-rays with an Ultralow Detection Limit via ZeroDimensional Perovskite Scintillators | ACS APPLIED MATERIALS & INTERFACES | SCI收录 | 徐晓红 | 14:51 | 56957-56962 /DOI: 10.1021/acsami.2c15902 | 2022 |
| 5 | Density Functional Simulation of Adsorption Behavior within the Dicalcium Silicate-Accelerated Carbonation System | ACS SUSTAINABLE CHEMISTRY & ENGINEERING | SCI和EI同时收录 | 绕美娟 | 10:50 | 16825-16832 /DOI: 10.1021/acssuschemeng.2c05321 | 2022 |
| 6 | Facet-Dependent Activation of Oxalic Acid over Magnetic Recyclable Fe3S4 for Efficient Pollutant Removal under Visible Light Irradiation:Enhanced Catalytic Activity, DFT Calculations, and Mechanism Insight | ENVIRONMENTAL SCIENCE & TECHNOLOGY | SCI和EI同时收录 | Li Yuan;张高科 | 56:24 | 18008-18017 /DOI: 10.1021/acs.est.2c06571 | 2022 |
| 7 | Biopolymeric Capsules Containing Different Oils as Rejuvenating Agents for Asphalt Self-Healing: A Novel Multivariate Approach | POLYMERS | SCI收录 | NorambuenaContreras J,刘全涛 | 14:24: 5418 | DOI: 10.3390/polym14245418 Published: DEC 2022 | 2022 |
| 8 | Mix design methods for pervious concrete based on the mesostructure: Progress, existing problems and recommendation for future improvement | CASE STUDIES IN CONSTRUCTION MATERIALS | SCI收录 | Xu Gelong; Tian Qing | 17: e01253 | DOI: 10.1016/j.cscm.2022.e01253 Published: DEC 2022 | 2022 |
| 9 | Comprehensive assessment of the durability deterioration of asphalt pavement in salt environment: A literature review | CASE STUDIES IN CONSTRUCTION MATERIALS | SCI和EI同时收录 | 陈美祝 | 17: e01706 | DOI: 10.1016/j.cscm.2022.e01706 | 2022 |
| 10 | One-step large-scale fabricating aggregation-induced emission carbon dots with strong solid-state fluorescence emission | MATERIALS TODAY CHEMISTRY | SCI和EI同时收录 | 龚晓 | 26: 101255 | DOI: 10.1016/j.mtchem.2022.101255 | 2022 |
| 11 | Percolative Channels for Superionic Conduction in an Amorphous Conductor | JOURNAL OF PHYSICAL CHEMISTRY LETTERS | SCI和EI同时收录 | 陶海征,Ren Jinjun | 13:45 | 10507-10512 /DOI: 10.1021/acs.jpclett.2c02776 Published: NOV 17 202 | 2022 |
| 12 | Effect of Vacuum-Sealed Annealing and Ice-Water Quenching on the Structure and Photocatalytic Acetone Oxidations of Nano-TiO2 Materials | ACS OMEGA | SCI收录 | 刘保顺 | 7:48 | 43710-43718 /DOI: 10.1021/acsomega.2c04695 | 2022 |
| 13 | Polymer elastomer near plastic-to-rubber critical transition produces enhanced elastocaloric effects | CELL REPORTS PHYSICAL SCIENCE | SCI收录 | Xiong Chuanxi, 杨全岭,Wang Qing | 3:11 | DOI: 10.1016/j.xcrp.2022.101147 | 2022 |
| 14 | Microstructures, thermophysical properties and thermal cyclic behaviors of Nd2O3 and Sc2O3 co-doped LaMgAl11O19 thermal barrier coating deposited by plasma spraying | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 曹学强 | 48:24 | 36539-36555 /DOI: 10.1016/j.ceramint.2022.08.214 | 2022 |
| 15 | Large scale synthesis of carbon dots for efficient luminescent solar concentrators | JOURNAL OF MATERIALS CHEMISTRY C | SCI和EI同时收录 | Zhao Haiguang, Zhang Yuanming,龚晓 | 10:48 | 18154-18163 /DOI: 10.1039/d2tc04285a | 2022 |
| 16 | Influence of curing conditions on hydration of magnesium silicate hydrate cement | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 吕阳 | 361: 129648 | DOI: 10.1016/j.conbuildmat.2022.129648 | 2022 |
| 17 | Slot-die coated scalable hole transporting layers for efficient perovskite solar modules | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | 鲁建峰 | 10:48 | 25652-25660 /DOI: 10.1039/d2ta07989e | 2022 |
| 18 | Eco-friendly ceramsite from dredged sediment/biomass for Pb(II) removal: Process optimization and adsorption mechanistic insights | JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING | SCI和EI同时收录 | Wang Teng, Li Jinping | 10:6 | DOI: 10.1016/j.jece.2022.108939 | 2022 |
| 19 | Investigation of the self-healing and rejuvenating properties of aged asphalt mixture containing multi-cavity Ca-alginate capsules | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | Zhang Lei | 361: 129685 | DOI: 10.1016/j.conbuildmat.2022.129685 | 2022 |
| 20 | Effect of organic attapulgite on properties of SBS modified asphalt waterproofing membranes | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余剑英 | 360: 129606 | DOI: 10.1016/j.conbuildmat.2022.129606 | 2022 |
| 21 | Influence of macromolecular substances in waste cooking oil on rejuvenation properties of asphalt with different aging degrees | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 陈美祝 | 361: 129522 | DOI: 10.1016/j.conbuildmat.2022.129522 | 2022 |
| 22 | Scalable Assembly of High-Quality Graphene Films via Electrostatic-Repulsion Aligning | ADVANCED MATERIALS | SCI和EI同时收录 | 何大平,李宝文 | 34:50 | DOI: 10.1002/adma.202206101 | 2022 |
| 23 | Numerical simulation of thermal and dielectric properties for SiO2/polytetrafluoroethylene dielectric composite | ACTA PHYSICA SINICA | SCI收录 | 周静 | 71:21 | DOI: 10.7498/aps.71.20220839 Published: NOV 5 2022 | 2022 |
| 24 | Electron Accumulation Effect over Osmium/Erlichmanite Heterointerfaces for Intensified pH-Universal Hydrogen Evolution | ACS CATALYSIS | SCI和EI同时收录 | 木士春 | 12:21 | 13312-13320 /DOI: 10.1021/acscatal.2c0310213312 Published: NOV 4 2022 | 2022 |
| 25 | Swelled Mechanism of Crumb Rubber and Technical Properties of Crumb Rubber Modified Bitumen | MATERIALS | SCI收录 | Li Yuanyuan,陈安琪 | 15:22 | DOI: 10.3390/ma15227987 | 2022 |
| 26 | Laboratory Preparation and Performance Characterization of Steel Slag Ultrafine Powder Used in Cement-Based Materials | SUSTAINABILITY | SCI收录 | 陈美祝 | 14:22 | DOI: 10.3390/su142214951 | 2022 |
| 27 | Strength, Durability, and Microstructure of Foamed Concrete Prepared Using Special Soil and Slag | SUSTAINABILITY | SCI收录 | 许实 | 14:22: | DOI: 10.3390/su142214952 | 2022 |
| 28 | Influence of wet grinded slag on the hydration of phosphogypsum-slag based cement and its application in backfill tailings | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波,贺行洋 | 360: 129509 | DOI: 10.1016/j.conbuildmat.2022.129509 | 2022 |
| 29 | The Effect of Silicone Resin on the Fuel Oil Corrosion Resistance of Asphalt Mixture | SUSTAINABILITY | SCI收录 | 许实 | 14:21 | DOI: 10.3390/su142114053 Published: NOV 2022 | 2022 |
| 30 | A Model of Pyrolysis Carbon Black and Waste Chicken Feather Using a Response Surface Method in Hot-Mix Asphalt Mixtures | JOURNAL OF MATERIALS IN CIVIL ENGINEERING | SCI收录 | Li Chuangmin | 34:11 | DOI: 10.1061/(ASCE)MT.1943-5533.0004424 Publ | 2022 |
| 31 | Assembling Ti3C2 MXene into ZnIn2S4-NiSe2 S-scheme heterojunction with multiple charge transfer channels for accelerated photocatalytic H-2 generation | CHEMICAL ENGINEERING JOURNAL | SCI收录 | Li Xin,李能 | 447: 137488 | DOI: 10.1016/j.cej.2022.137488 Published: NOV 1 2022 | 2022 |
| 32 | Dual responsive self-healing system based on calcium alginate/Fe3O4 capsules for asphalt mixtures | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 刘全涛;吴少鹏 | 360: 129585 | DOI: 10.1016/j.conbuildmat.2022.129585 | 2022 |
| 33 | Comparison on early hydration of Portland cement and sulphoaluminate cement in the presence of nano ettringite | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波 | 360: 129516 | DOI: 10.1016/j.conbuildmat.2022.129516 | 2022 |
| 34 | Effect of ion chelator on water sorption and transport behavior of unsaturated mortars with high volume fly ash and blast furnace slag | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余剑英 | 359: 129539 | DOI: 10.1016/j.conbuildmat.2022.129539 | 2022 |
| 35 | Graphene oxide wrapped hollow mesoporous carbon spheres as a dynamically bipolar host for lithium-sulfur batteries | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | Wang Hongen | 10:45 | 24422-24433 /DOI: 10.1039/d2ta06686f | 2022 |
| 36 | Interfacial enhancement technology in high-volume fly ash foam concrete: microscopic mechanism and heavy metal safety assessment | ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING | SCI收录 | Wang Chaoqiang | 23:1: 17 | DOI: 10.1007/s43452-022-00555-w Published: OCT 2 | 2022 |
| 37 | Strength formation mechanism and performance of steel slag self-compacting epoxy resin concrete | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Bai Tao,陈安琪 | 359: 129525 | DOI: 10.1016/j.conbuildmat.2022.129525 | 2022 |
| 38 | Polyamide-imide/polyimide alloy with enhanced energy density and efficiency | JOURNAL OF MATERIALS CHEMISTRY C | SCI收录 | 熊传溪,Liu Feihua | 10:45 | 17225-17235 /DOI: 10.1039/d2tc03333j | 2022 |
| 39 | Control of the proximity of bifunctional zeolite@Al2O3 catalysts for efficient methanol conversion into hydrocarbons | CATALYSIS TODAY | SCI和EI同时收录 | Chen Lihua, Su Baolian,Zhou Jian | 405-406: 82-91 | 82-91 /DOI: 10.1016/j.cattod.2022.07.017 | 2022 |
| 40 | Controllable synthesis of Cu-based quantum dots/nanocrystals and application in white light-emitting diodes | DALTON TRANSACTIONS | SCI和EI同时收录 | 李宏 | 51:46 | 17883-17894 /DOI: 10.1039/d2dt02656b | 2022 |
| 41 | The underlying role of sodium tripolyphosphate on the cementitious mechanism of calcium carbonate binder | COMPOSITES PART B-ENGINEERING | SCI收录 | 于清亮 | 247: 110362 | DOI: 10.1016/j.compositesb.2022.110362 | 2022 |
| 42 | An efficient approach for sustainable fly ash geopolymer by coupled activation of wet-milling mechanical force and calcium hydroxide | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | 贺行洋 | 372: 133771 | DOI: 10.1016/j.jclepro.2022.133771 Published: OCT 20 2022 | 2022 |
| 43 | Modification on the chloride binding capacity of alkali activated slag by applying calcium and aluminium containing phases | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 高旭, Gu Qian | 358: 129427 | DOI: 10.1016/j.conbuildmat.2022.129427 | 2022 |
| 44 | Boosting efficiency of luminescent solar concentrators using ultra-bright carbon dots with large Stokes shift | NANOSCALE HORIZONS | SCI和EI同时收录 | 龚晓,Zhao Haiguang | 8:1 | 83-94 /DOI: 10.1039/d2nh00360k | 2022 |
| 45 | Insight into highly efficient FeOx catalysts for the selective catalytic reduction of NOx by NH3: Experimental and DFT study | APPLIED SURFACE SCIENCE | SCI和EI同时收录 | 谢峻林 | 599: 153998 | DOI: 10.1016/j.apsusc.2022.153998 Published: OCT 15 2022 | 2022 |
| 46 | Ti3C2 quantum dots modified on BiOBr surface for sewage disposal: The induction of the piezo-phototronic effect from edge to whole | APPLIED SURFACE SCIENCE | SCI和EI同时收录 | Zhang Yong, Liu Xiaofang | 599: 153911 | DOI: 10.1016/j.apsusc.2022.153911 Published: OCT 15 2022 | 2022 |
| 47 | Challenges and opportunities in the high-quality rejuvenation of unmodified and SBS modified asphalt mixtures: State of the art | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | Leng Zhen,余剑英,Peng Chao | 378: 134634 | DOI: 10.1016/j.jclepro.2022.134634 | 2022 |
| 48 | Effect of the prepared barium@hydrogel capsule on chloride ion binding of Portland cement paste | COMPOSITES PART B-ENGINEERING | SCI和EI同时收录 | 谭洪波 | 247: 110314 | DOI: 10.1016/j.compositesb.2022.110314 | 2022 |
| 49 | Effects of rare earth variation on feed-to-glass conversion during nuclear waste vitrification | JOURNAL OF NON-CRYSTALLINE SOLIDS | SCI和EI同时收录 | Tan Shengheng,徐凯 | 598: 121960 | DOI: 10.1016/j.jnoncrysol.2022.121960 | 2022 |
| 50 | Alcohol Plasma Processed Surface Amorphization for Photocatalysis | ACS CATALYSIS | SCI和EI同时收录 | Wang Changhua; Zhang Xintong | 12:19 | 12206-12216 /DOI: 10.1021/acscatal.2c0342712206 Published: OCT 7 2022 | 2022 |
| 51 | Electrostimulation of fibroblast proliferation by an electrospun poly (lactide-co-glycolide)/polydopamine/chitosan membrane in a humid environment | COLLOIDS AND SURFACES B-BIOINTERFACES | SCI和EI同时收录 | Tremblay PL; 张甜 | 220: 112902 | DOI: 10.1016/j.colsurfb.2022.112902 | 2022 |
| 52 | Atomically dispersed chromium coordinated with hydroxyl clusters enabling efficient hydrogen oxidation on ruthenium | NATURE COMMUNICATIONS | SCI收录 | Sun Wenping; Pan Hongge | 13:1: 5894 | DOI: 10.1038/s41467-022-33625-x Published: OCT 6 2022 | 2022 |
| 53 | Flexible and robust low-loss selenium-based multimaterial infrared fibers towards CO2 laser ablation | ISCIENCE | SCI收录 | Tao Guangming | 25:10 | DOI: 10.1016/j.isci.2022.105167 | 2022 |
| 54 | Utilization of submicron autoclaved aerated concrete waste to prepare eco-friendly ultra-high performance concrete by replacing silica fume | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | 贺行洋 | 376: 134252 | DOI: 10.1016/j.jclepro.2022.134252 | 2022 |
| 55 | Regulating the spin order of transition metal embedded-MXenes for boosting electrocatalytic nitrogen reduction to ammonia | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | 李能 | 10:42 | 22760-22770 /DOI: 10.1039/d2ta06151a | 2022 |
| 56 | Influencing mechanisms of RO??????? phase on the cementitious properties of steel slag powder | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 吴少鹏 | 350: 128926 | DOI: 10.1016/j.conbuildmat.2022.128926 Published: OCT 3 2022 | 2022 |
| 57 | Valorization of construction waste materials for pavements of sponge cities: A review | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 陈潇 | 356: 129247 | DOI: 10.1016/j.conbuildmat.2022.129247 | 2022 |
| 58 | Study on the ion-exchange copper-loaded antibacterial glasses | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 袁坚 | 48:22 | 32798-32803 /DOI: 10.1016/j.ceramint.2022.07.205 | 2022 |
| 59 | Effects of alkali metal ion on imprinting GRIN microstructure in GeS2-Ga2S3-MCl (M=Na, K, Cs) glasses for visible to mid-infrared microgratings | CERAMICS INTERNATIONAL | SCI收录 | Yang Guang,许银生,Lipovskii, Andrey | 48:22 | 33122-33134 /DOI: 10.1016/j.ceramint.2022.07.249 | 2022 |
| 60 | Preparation and thermal shock resistance of anorthite solar thermal energy storage ceramics from magnesium slag | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Yu Jiaqi | 48:22 | 33604-33614 /DOI: 10.1016/j.ceramint.2022.07.305 | 2022 |
| 61 | Chloride Ion Transport Properties in Lightweight Ultra-High-Performance Concrete with Different Lightweight Aggregate Particle Sizes | MATERIALS | SCI收录 | Zhang Gaozhan | 15:19 | DOI: 10.3390/ma15196626 | 2022 |
| 62 | Enhanced visible-light-driven photocatalysis of in-situ reduced of bismuth on BiOCl nanosheets and montmorillonite loading: Synergistic effect and mechanism insight | CHEMOSPHERE | SCI和EI同时收录 | Wang Junting;张高科 | 304: 135354 | DOI: 10.1016/j.chemosphere.2022.135354 Published: OCT 2022 | 2022 |
| 63 | High efficiency luminescence from PbS quantum dots embedded glasses for near-infrared light emitting diodes | JOURNAL OF LUMINESCENCE | SCI和EI同时收录 | 刘超,Zhao Zhiyong | 250: 119065 | DOI: 10.1016/j.jlumin.2022.119065 Published: OCT 2022 | 2022 |
| 64 | Preparation of phosphogypsum (PG) based artificial aggregate and its application in the asphalt mixture | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Xing Hongyuan | 356: 129218 | DOI: 10.1016/j.conbuildmat.2022.129218 | 2022 |
| 65 | Cathodic Zn underpotential deposition: an evitable degradation mechanism in aqueous zinc-ion batteries | SCIENCE BULLETIN | SCI和EI同时收录 | An Qinyou,Chao Dongliang,He Guanjie | 67:18 | 1882-1889 /DOI: 10.1016/j.scib.2022.08.023 | 2022 |
| 66 | Cycloolefin copolymer dielectrics for high temperature energy storage | JOURNAL OF ENERGY STORAGE | SCI收录 | 熊传溪; Wang Shan | 55: 105756 | DOI: 10.1016/j.est.2022.105756 | 2022 |
| 67 | An easily prepared and long-term effective cooling coating that can be cooled to sub-ambient temperature without polyethylene film | SOLAR ENERGY | SCI和EI同时收录 | Liu Xiaofang | 246: 1-13 | 1-13 /DOI: 10.1016/j.solener.2022.09.009 | 2022 |
| 68 | Mechanically strong non-isocyanate polyurethane thermosets from cyclic carbonate linseed oil | GREEN CHEMISTRY | SCI和EI同时收录 | Zhang Chaoqun | 24:21 | 8355-8366 /DOI: 10.1039/d2gc02910c | 2022 |
| 69 | Cyclic oxidation and water vapor corrosion behaviors of multi-layer environmental barrier with HfO2-Si bond coat for SiCf/SiC | MATERIALS CHEMISTRY AND PHYSICS | SCI收录 | Li Jiayan,陈文博 | 292: 126768 | DOI: 10.1016/j.matchemphys.2022.126768 | 2022 |
| 70 | CoFe alloy nanoparticles encapsulated in a 3D honeycomb-like N-doped graphitic carbon framework for photocatalytic CO2 reduction | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | Song Yi; 赵焱 | 10:41 | 22093-22104 /DOI: 10.1039/d2ta06088d | 2022 |
| 71 | Basal Planes Unlocking and Interlayer Engineering Endows Proton Doped-MoO2.8F0.2 with Fast and Stable Magnesium Storage | ACS NANO | SCI收录 | 安琴友; 麦立强,Xie Jun | 16:10 | 17097-17106 /DOI: 10.1021/acsnano.2c07399 | 2022 |
| 72 | Phase stability, microstructure and mechanical properties of nanostructured yttria stabilized zirconia coatings subjected to moisture degradation | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 蒋佳宁; 曹学强 | 48:21 | 31800-31810 /DOI: 10.1016/j.ceramint.2022.07.108 | 2022 |
| 73 | Synergetic piezo-photocatalytic effect in SbSI for highly efficient degradation of methyl orange | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Liu Xiaofang | 48:21 | 31818-31826 /DOI: 10.1016/j.ceramint.2022.07.111 | 2022 |
| 74 | Cleaner production of high-quality manufactured sand and ecological utilization of recycled stone powder in concrete | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | 沈卫国 | 375: 134146 | DOI: 10.1016/j.jclepro.2022.134146 | 2022 |
| 75 | Low-carbon wet-ground fly ash geopolymer activated by single calcium carbide slag | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋 | 353: 129084 | DOI: 10.1016/j.conbuildmat.2022.129084 | 2022 |
| 76 | In Situ-Illuminated X-Ray Photoelectron Spectroscopy Investigation of S-Scheme Ta2O5/ZnIn2S4 Core-Shell Hybrid Nanofibers for Highly Efficient Solar-Driven CO2 Overall Splitting | SOLAR RRL | SCI收录 | Wang Kai; Wang Guohong; Wang Hukun | 6:11 | DOI: 10.1002/solr.202200736 | 2022 |
| 77 | Preparation and characterization of a CO2 activated aerated concrete with magnesium slag as carbonatable binder | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 刘志超; 王发洲 | 352: 129112 | DOI: 10.1016/j.conbuildmat.2022.129112 | 2022 |
| 78 | Pyrolysis of hydrothermally dewatering sewage sludge: Highly efficient peroxydisulfate activation of derived biochar to degrade diclofenac | ENVIRONMENTAL POLLUTION | SCI和EI同时收录 | Chen, Si | 313: 120176 | DOI: 10.1016/j.envpol.2022.120176 | 2022 |
| 79 | Highly stable 1T-MoS2 by magneto-hydrothermal synthesis with Ru modification for efficient hydrogen evolution reaction | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | Zhu Xuebin,李能 | 10:39 | 21013-21020 /DOI: 10.1039/d2ta05954a | 2022 |
| 80 | Compressive strength and permeability of steam-cured mortar incorporating high volume fly ash with different activation degrees by wet milling | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 贺行洋; Yang, Jing | 56: 104767 | DOI: 10.1016/j.jobe.2022.104767 Published: SEP 15 2022 | 2022 |
| 81 | Hydrogen evolution from visible light by CdS nanocrystals made of 0D quantum dots on 1D nanorods | JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS | SCI和EI同时收录 | Xu Mengying; 张甜 | 171: 110989 | DOI: 10.1016/j.jpcs.2022.110989 | 2022 |
| 82 | Near-infrared-activated VO2 based nanothermochromic smart windows by incorporation of photothermal W18O49 nanorods | APPLIED SURFACE SCIENCE | SCI收录 | 田守勤 | 605: 154680 | DOI: 10.1016/j.apsusc.2022.154680 | 2022 |
| 83 | Study on laboratory and engineering application of multi source solid waste based soft soil solidification materials | CASE STUDIES IN CONSTRUCTION MATERIALS | SCI收录 | Shu Benan | 17: e01465 | DOI: 10.1016/j.cscm.2022.e01465 | 2022 |
| 84 | Bridging sheet size controls densification of MXene films for robust electromagnetic interference shielding | ISCIENCE | SCI收录 | 何大平,Kou Zongkui | 25:9 | DOI: 10.1016/j.isci.2022.105001 | 2022 |
| 85 | Boosted charge transfer and selective photocatalytic CO2 reduction to CH4 over sulfur-doped K0.475WO3 nanorods under visible light: Performance and mechanism insight | APPLIED SURFACE SCIENCE | SCI收录 | Li Yuan;张高科 | 605: 154632 | DOI: 10.1016/j.apsusc.2022.154632 | 2022 |
| 86 | Artificial neural network modeling for predicting surface texture and its attenuation of micro-surfacing containing steel slag aggregates | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 吴少鹏 | 346: 128504 | DOI: 10.1016/j.conbuildmat.2022.128504 | 2022 |
| 87 | Precise mix-design of Ultra-High Performance Concrete (UHPC) based on physicochemical packing method: From the perspective of cement hydration | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余睿 | 352: 128944 | DOI: 10.1016/j.conbuildmat.2022.128944 | 2022 |
| 88 | Investigation of sulfate on the migration/solidification mechanism and control of cadmium during sintering in lightweight aggregates | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 蹇守卫 | 352: 129041 | DOI: 10.1016/j.conbuildmat.2022.129041 | 2022 |
| 89 | Experimental investigation on the high-volume fly ash ecological self-compacting concrete | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 沈卫国 | 60: 105163 | DOI: 10.1016/j.jobe.2022.105163 | 2022 |
| 90 | Epoxy resin/hollow glass microspheres composite materials with low dielectric constant and excellent mechanical performance | JOURNAL OF APPLIED POLYMER SCIENCE | SCI收录 | 熊传溪 | 139:33 | DOI: 10.1002/app.52787 | 2022 |
| 91 | Effect of TeO2 sintering aid on the microstructure and electrical properties of Li1.3Al0.3Ti1.7(PO4)(3) solid electrolyte | JOURNAL OF ALLOYS AND COMPOUNDS | SCI收录 | 赵修建 | 927: 167019 | DOI: 10.1016/j.jallcom.2022.167019 | 2022 |
| 92 | Effect of foam air mixing on flame intensification -- comparative experimental study of foam and water sprays extinguishing transformer oil pool fire | FIRE SAFETY JOURNAL | SCI收录 | Li Kaiyuan | 133: 103664 | DOI: 10.1016/j.firesaf.2022.103664 | 2022 |
| 93 | One-pot hydrothermal synthesis of MoS2 modified sludge biochar for efficient removal of tetracycline from water | JOURNAL OF WATER PROCESS ENGINEERING | SCI收录 | Zhang Zulin | 49: 103089 | DOI: 10.1016/j.jwpe.2022.103089 | 2022 |
| 94 | First principle study on the interactions of NH3, NOx and O-2 with Fe3O4 (111) surfaces | APPLIED SURFACE SCIENCE | SCI收录 | Fang De;谢峻林 | 605: 154645 | DOI: 10.1016/j.apsusc.2022.154645 | 2022 |
| 95 | The Design of Concrete Beams Reinforced with GFRP Bars Based on Crack Width | MATERIALS | SCI收录 | Gao Kui | 15:18 | DOI: 10.3390/ma15186467 | 2022 |
| 96 | Cement-Based Materials Modified by Colloidal Nano-Silica: Impermeability Characteristic and Microstructure | NANOMATERIALS | SCI收录 | Lu Xuesong;谭洪波 | 12:18 | DOI: 10.3390/nano12183176 | 2022 |
| 97 | The combined effect of distributing-filling aggregate process and air-entraining agent on the properties of aggregate-interlocking concrete | MATERIALS AND STRUCTURES | SCI和EI同时收录 | Xu Gelong,沈卫国 | 55:7 | DOI: 10.1617/s11527-022-02043-2 | 2022 |
| 98 | Crushing Characteristics of Coarse Aggregates for Asphalt Mixtures under Simulated Laboratory Compaction Loads and Repeated Traffic Loads | MATERIALS | SCI收录 | 磨炼同 | 15:17 | DOI: 10.3390/ma15175865 | 2022 |
| 99 | Adsorption Effect and Adsorption Mechanism of High Content Zeolite Ceramsite on Asphalt VOCs | MATERIALS | SCI收录 | 薛永杰 | 15:17 | DOI: 10.3390/ma15176100 | 2022 |
| 100 | Comprehensive Evaluation of the Sustainability of Waste Concrete towards Structural Concrete Application in Freeze-Thaw Environment | MATERIALS | SCI收录 | Zhu Pinghua,Gao Shan | 15:17 | DOI: 10.3390/ma15176153 | 2022 |
| 101 | Insights on ball milling enhanced iron magnesium layered double oxides bagasse biochar composite for ciprofloxacin adsorptive removal from water | BIORESOURCE TECHNOLOGY | SCI和EI同时收录 | Zhang Zulin | 359: 127468 | DOI: 10.1016/j.biortech.2022.127468 Published: SEP 2022 | 2022 |
| 102 | A mussel-inspired self-repairing superhydrophobic coating with good anti-corrosion and photothermal properties | CARBON | SCI和EI同时收录 | Wang Hangxiang,龚晓 | 197: 27-39 | 27-39 /DOI: 10.1016/j.carbon.2022.05.056 | 2022 |
| 103 | Stabilization of Coarse Aggregates with Traditional and Nontraditional Additives | JOURNAL OF MATERIALS IN CIVIL ENGINEERING | SCI收录 | Barbieri, DM | 34:9 | DOI: 10.1061/(ASCE)MT.1943-5533.0004406 | 2022 |
| 104 | Synthesis of Hydrotalcite from Phosphate Tailings and Its Effect on the Anti-Ultraviolet Aging Properties of Asphalt Binder | JOURNAL OF MATERIALS IN CIVIL ENGINEERING | SCI收录 | 刘全涛 | 34:9 | DOI: 10.1061/(ASCE)MT.1943-5533.0004385 | 2022 |
| 105 | Evolution of selective absorption for bitumen from Basic Oxygen Furnace Slag (BOF) during aging and rejuvenation in bituminous mixtures | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谢君 | 351: 128894 | DOI: 10.1016/j.conbuildmat.2022.128894 | 2022 |
| 106 | Back-contact perovskite solar cell fabrication via microsphere lithography | NANO ENERGY | SCI和EI同时收录 | Lin Xiongfeng; Bach Udo | 102: 107695 | DOI: 10.1016/j.nanoen.2022.107695 | 2022 |
| 107 | Phase equilibria in the FeO-Fe2O3-SiO2 system: Experimental measurement and thermodynamic modeling | CALPHAD-COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY | SCI收录 | Liu Yuling | 79: 102459 | DOI: 10.1016/j.calphad.2022.102459 | 2022 |
| 108 | Sustained-release calcium alginate/diatomite capsules for sustainable self-healing asphalt concrete | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | 吴少鹏;刘全涛 | 372: 133639 | DOI: 10.1016/j.jclepro.2022.133639 | 2022 |
| 109 | Enhanced Activities in Alkaline Hydrogen and Oxygen Evolution Reactions on MoS2 Electrocatalysts by In-Plane Sulfur Defects Coupled with Transition Metal Doping | SMALL | SCI和EI同时收录 | Zhang Xuming,Li Xiangguo,Huo, Kaifu | 18:39 | DOI: 10.1002/smll.202203173 | 2022 |
| 110 | In-situ utilization of regolith resource and future exploration of additive manufacturing for lunar/martian habitats: A review | APPLIED CLAY SCIENCE | SCI和EI同时收录 | Hao Liang; Li Yan; Sun Qinglei | 229: 106673 | DOI: 10.1016/j.clay.2022.106673 | 2022 |
| 111 | Effect of Calcium on the Atomic and Electronic Structures of CdSe QD-Embedded Soda-Lime-Silica Glasses | JOURNAL OF PHYSICAL CHEMISTRY C | SCI收录 | Coudert Francois-Xavier,刘超 | 126:33 | 14283-14289 /DOI: 10.1021/acs.jpcc.2c03917 Published: AUG 25 2022 | 2022 |
| 112 | Stabilizing red-emitting all-inorganic perovskite nanocrystals by a ligand-mediated room-temperature procedure | CRYSTENGCOMM | SCI和EI同时收录 | 谢毅,Chen Yunxia | 24:38 | 6777-6785 /DOI: 10.1039/d2ce00910b | 2022 |
| 113 | Electricity generation and enhanced thiacloprid biodegradation in microbial fuel cells using microalgae biocathode | PROCESS SAFETY AND ENVIRONMENTAL PROTECTION | SCI和EI同时收录 | Wu Li | 166: 393-401 | 393-401 /DOI: 10.1016/j.psep.2022.08.038 | 2022 |
| 114 | Utilization of fly ash as building material admixture: Basic properties and heavy metal leaching | CASE STUDIES IN CONSTRUCTION MATERIALS | SCI和EI同时收录 | Chen Qiao,水中和 | 17: e01422 | DOI: 10.1016/j.cscm.2022.e01422 | 2022 |
| 115 | Crack-healing behaviour of MoSi2 dispersed Yb2Si2O7 environmental barrier coatings | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Zhou Xin | 48:20 | 29919-29928 /DOI: 10.1016/j.ceramint.2022.06.258 | 2022 |
| 116 | Giant permittivity in Nb-doped SrTiO3 single crystal: Compositional gradient and local structure | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Cao Minghe,Lanagan Michael T | 48:20 | 29572-29579 /DOI: 10.1016/j.ceramint.2022.06.209 | 2022 |
| 117 | Fast HCl-free Synthesis of Lead-free Rb2ZrCl6:xSb(3+) Perovskites | INORGANIC CHEMISTRY | SCI收录 | 龚晓 | 61:35 | 14095-14101 /DOI: 10.1021/acs.inorgchem.2c02140 | 2022 |
| 118 | Rheological characteristics of Ultra-High performance concrete (UHPC) incorporating bentonite | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余睿 | 349: 128793 | DOI: 10.1016/j.conbuildmat.2022.128793 | 2022 |
| 119 | Carbonation treatment to repair the damage of repeatedly recycled coarse aggregate from recycled concrete suffering from coupling action of high stress and freeze-thaw cycles | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Zhu Pinghua; Yang Wei | 349: 128688 | DOI: 10.1016/j.conbuildmat.2022.128688 | 2022 |
| 120 | Rheological properties and microscopic characteristics of rejuvenated asphalt using different components from waste cooking oil | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | 陈美祝 | 370: 133556 | DOI: 10.1016/j.jclepro.2022.133556 | 2022 |
| 121 | Bifunctional thioacetamide-mediated synthesis of few-layered MoOSx nanosheet-modified CdS hollow spheres for efficient photocatalytic H-2 production | CATALYSIS SCIENCE & TECHNOLOGY | SCI收录 | 余火根 | 12:19 | 6006-6015 /DOI: 10.1039/d2cy01315k | 2022 |
| 122 | Humid hardened concrete waste treated by multiple wet-grinding and its reuse in concrete | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋 | 350: 128485 | DOI: 10.1016/j.conbuildmat.2022.128485 | 2022 |
| 123 | Simulation and evaluation of float glass furnace with different electrode positions | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI和EI同时收录 | 李璐瑶,Chen Shuyong | 105:12 | 7097-7110 /DOI: 10.1111/jace.18700 | 2022 |
| 124 | Ultrahigh hardness Li2O-MgO-Al2O3-SiO2 glass-ceramics containing multiphase nanocrystals | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI收录 | 谢俊, 张继红 | 105:12 | 7614-7624 /DOI: 10.1111/jace.18689 | 2022 |
| 125 | Synergistic effects of steel slag and wet grinding on ambient cured ground granulated blast furnace slag activated by sodium sulfate | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋 | 349: 128661 | DOI: 10.1016/j.conbuildmat.2022.128661 | 2022 |
| 126 | Nanoarchitectonic composites with direct z-scheme heterojunction of CsPbBr3 quantum dot/CuCo2O4 nanosheet for efficient photocatalytic CO2 reduction | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | 刘曰利 | 925: 166733 | DOI: 10.1016/j.jallcom.2022.166733 | 2022 |
| 127 | Dynamic behaviors assessment of steel fibres in fresh Ultra-High Performance Concrete (UHPC): Experiments and numerical simulations | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 余睿 | 59: 105084 | DOI: 10.1016/j.jobe.2022.105084 | 2022 |
| 128 | Identifying the roles of imine and alkyne linkages in determining the photocatalytic hydrogen evolution over thiadiazole-based covalent organic frameworks | DALTON TRANSACTIONS | SCI和EI同时收录 | Li Xin,李能 | 51:39 | 14952-14959 /DOI: 10.1039/d2dt02056d | 2022 |
| 129 | Acid-regulated boron-nitrogen codoped multicolor carbonized polymer dots and applications for pH sensing and trace water detection | NANOSCALE | SCI和EI同时收录 | Song Bin; Wu Min,龚晓 | 14:35 | 12762-12772 /DOI: 10.1039/d2nr03161b | 2022 |
| 130 | Performance of glass-ceramic-based lightweight aggregates manufactured from waste glass and muck | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 王发洲 | 48:16 | 23468-23480 /DOI: 10.1016/j.ceramint.2022.04.342 Published: AUG 15 2022 | 2022 |
| 131 | Effect of chemical component characteristics of waste cooking oil on physicochemical properties of aging asphalt | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 陈美祝 | 344: 128236 | DOI: 10.1016/j.conbuildmat.2022.128236 Published: AUG 15 2022 | 2022 |
| 132 | In-situ irradiated XPS investigation on 2D/1D Cd0.5Zn0.5S/Nb2O5 S-scheme heterojunction photocatalysts for simultaneous promotion of antibiotics removal and hydrogen evolution | COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS | SCI和EI同时收录 | Wang Kai; Wu Xinhe; Wang Guohong | 652: 129846 | DOI: 10.1016/j.colsurfa.2022.129846 | 2022 |
| 133 | Simultaneous enhancement of the thermal oxygen and ultraviolet aging resistance of asphalt by incorporating antioxidant intercalated layered ded double hydroxide | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 刘全涛,Wu Hanjun | 349: 128743 | DOI: 10.1016/j.conbuildmat.2022.128743 | 2022 |
| 134 | A CoNi telluride heterostructure supported on Ni foam as an efficient electrocatalyst for the oxygen evolution reaction | INORGANIC CHEMISTRY FRONTIERS | SCI和EI同时收录 | 熊德华 | 9:20 | 5240-5251 /DOI: 10.1039/d2qi01324j | 2022 |
| 135 | Dual-emission carbon dots for sensitive fluorescence detection of metal ions and ethanol in water | ANALYTICAL METHODS | SCI和EI同时收录 | 龚晓 | 14:36 | 3562-3572 /DOI: 10.1039/d2ay01080a | 2022 |
| 136 | A sustainable inductive healing asphalt mixture for solving gradient healing behavior | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | Liu Kai | 370: 133327 | DOI: 10.1016/j.jclepro.2022.133327 | 2022 |
| 137 | Coupling effects of steel slag powder and electromagnetic waves on the microstructure and hydration kinetics evolution of cementitious materials with ultra low water/binder ratio | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 余睿 | 58: 105036 | DOI: 10.1016/j.jobe.2022.105036 | 2022 |
| 138 | Basic magnesium chloride whisker photocatalytic materials: Synthesis and toluene degradation efficiency | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 杨露 | 343: 128115 | DOI: 10.1016/j.conbuildmat.2022.128115 Published: AUG 8 2022 | 2022 |
| 139 | A comparative study on the release behavior of self-healing capsules under different asphalt mixing and transportation conditions | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 刘全涛 | 348: 128674 | DOI: 10.1016/j.conbuildmat.2022.128674 | 2022 |
| 140 | Enhancing high-frequency dielectric and mechanical properties of SiO2/PTFE composites from the interface fluorination | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 陈文 | 48:19 | 28512-28518 /DOI: 10.1016/j.ceramint.2022.06.165 | 2022 |
| 141 | Thermal cycling behavior of Si/Yb2SiO5/LaMgAl11O19 TEBCs coated SiCf/ SiC composites under burner rig tests | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 蒋佳宁; 曹学强 | 48:19 | 28082-28091 /DOI: 10.1016/j.ceramint.2022.06.113 | 2022 |
| 142 | Structure and sintering behavior of BaO-SrO-B2O3-SiO2 sealing glass for Al2O3 ceramic substrates | CERAMICS INTERNATIONAL | SCI收录 | 何峰 | 48:19 | 27718-27730 /DOI: 10.1016/j.ceramint.2022.06.072 | 2022 |
| 143 | Roles of fly ash, granulated blast-furnace slag, and silica fume in long-term resistance to external sulfate attacks at atmospheric temperature | CEMENT & CONCRETE COMPOSITES | SCI和EI同时收录 | 王发洲 | 133: 104696 | DOI: 10.1016/j.cemconcomp.2022.104696 | 2022 |
| 144 | Mitigating the Negative Piezoelectricity in Organic/Inorganic Hybrid Materials for High-performance Piezoelectric Nanogenerators | ACS APPLIED MATERIALS & INTERFACES | SCI和EI同时收录 | 孙华君 | 14:30 | 34733-34741 /DOI: 10.1021/acsami.2c0816234733 Published: AUG 3 2022 | 2022 |
| 145 | Effect of carbon type on the detoxification mechanism of hexavalent chromium [Cr(VI)] by carbothermal reduction | JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING | SCI和EI同时收录 | 方德 | 10:4 | DOI: 10.1016/j.jece.2022.108091 | 2022 |
| 146 | Infrared radiation and thermal cyclic performance of a high-entropy rare-earth hexaaluminate coating prepared by atmospheric plasma spraying | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 曹学强,Zhang Guojun | 48:18 | 26003-26012 /DOI: 10.1016/j.ceramint.2022.05.280 | 2022 |
| 147 | Self-Healing Properties of Asphalt Concrete with Calcium Alginate Capsules Containing Different Healing Agents | MATERIALS | SCI收录 | 刘全涛 | 15:16 | DOI: 10.3390/ma15165555 | 2022 |
| 148 | Durability of Recycled Concrete Aggregates Prepared with Mechanochemical and Thermal Treatment | MATERIALS | SCI收录 | Zhang Xiaoshan,Cui Peiqiang | 15:16 | DOI: 10.3390/ma15165792 | 2022 |
| 149 | Investigation of the Rheological Properties and Chemical Structure of Asphalt under Multiple Aging Conditions of Heat, UV and Aqueous Solution | MATERIALS | SCI收录 | 许实 | 15:16 | DOI: 10.3390/ma15165711 | 2022 |
| 150 | The short-term aging effect on the interface and surface wetting behavior of modified asphalt mixtures | MATERIALS RESEARCH EXPRESS | SCI收录 | Yu Ruien,Chen Xiaowen,肖月 | 9:8: | DOI: 10.1088/2053-1591/ac8ae7 | 2022 |
| 151 | Diopside glass-ceramics were fabricated by sintering the powder mixtures of waste glass and kaolin | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Yu Ruien,Chen Xiaowen,肖月 | 48:18 | 27088-27096 /DOI: 10.1016/j.ceramint.2022.06.020 | 2022 |
| 152 | Development of Calcium Carbonate-Based Coatings by the Carbonation of Gamma-C2S (gamma-C2S) | MATERIALS | SCI收录 | 刘志超; 王发洲 | 15:15 | DOI: 10.3390/ma15155088 | 2022 |
| 153 | Bionic Synthesis of Mussel-like Adhesive L-DMA and Its Effects on Asphalt Properties | MATERIALS | SCI收录 | 刘全涛 | 15:15 | DOI: 10.3390/ma15155351 | 2022 |
| 154 | The Dispersion and Coagulation of Negatively Charged Ca2Nb3O10 Perovskite Nanosheets in Sodium Alginate Dispersion | NANOMATERIALS | SCI收录 | 李宝文 | 12:15 | DOI: 10.3390/nano12152591 | 2022 |
| 155 | Controlling the crystalline orientation and textual morphologies of the VO2 film and the effect on insulator-metal transition properties | JAPANESE JOURNAL OF APPLIED PHYSICS | SCI和EI同时收录 | 刘保顺 | 61:8 | DOI: 10.35848/1347-4065/ac7c4c | 2022 |
| 156 | High-performance (Na0.5Bi0.5)(Ti0.97Fe0.03)O-3-based heterostructure thin films for energy storage capacitors | CERAMICS INTERNATIONAL | SCI收录 | Liu Xiaofang | 48:15 | 21407-21415 /DOI: 10.1016/j.ceramint.2022.04.106 | 2022 |
| 157 | Influence of carbon black and carbon nanotube on mechanical and piezoelectric properties of ?-C2S-PZT composite | CERAMICS INTERNATIONAL | SCI收录 | 刘志超; 王发洲 | 48:15 | 22370-22377 /DOI: 10.1016/j.ceramint.2022.04.243 | 2022 |
| 158 | Incorporation of liquid phase into solid particle packing model for precise design of low water/binder cement-based composites (LW/B-CC) :Modelling and experiments | COMPOSITES PART B-ENGINEERING | SCI和EI同时收录 | 余睿 | 242: 110070 | DOI: 10.1016/j.compositesb.2022.110070 | 2022 |
| 159 | Recycling of plastic waste concrete to prepare an effective additive for early strength and late permeability improvement of cement paste | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋; Yang Jin | 347: 128581 | DOI: 10.1016/j.conbuildmat.2022.128581 | 2022 |
| 160 | Performance Enhancement of Sustainable Cementitious Material with Ultrahigh Content Limestone and Calcined Clay | ACS SUSTAINABLE CHEMISTRY & ENGINEERING | SCI和EI同时收录 | 王发洲 | 10:32 | 10733-10742 /DOI: 10.1021/acssuschemeng.2c03688 | 2022 |
| 161 | Ultrafast charge carrier dynamics and photoluminescence of CsPbBr3-xIx quantum dots in boro-germanate glasses | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI收录 | 王静 | 105:12 | 7228-7237 /DOI: 10.1111/jace.18677 | 2022 |
| 162 | SnO2 Quantum Dots-Functionalized MoO3 Nanobelts for High-Selectivity Ethylene Sensing | ACS APPLIED NANO MATERIALS | SCI和EI同时收录 | 陈文 | 5:8 | 10485-10494 /DOI: 10.1021/acsanm.2c01819 | 2022 |
| 163 | Engineering high-emissive silicon-doped carbon nanodots towards efficient large-area luminescent solar concentrators | NANO ENERGY | SCI收录 | 龚晓,Vomiero Alberto | 101: 107617 | DOI: 10.1016/j.nanoen.2022.107617 | 2022 |
| 164 | Polydopamine/SiO2 Hybrid Structured Superamphiphobic Fabrics with Good Photothermal Behavior | LANGMUIR | SCI和EI同时收录 | 龚晓 | 38:30 | 9431-9440 /DOI: 10.1021/acs.langmuir.2c01629 | 2022 |
| 165 | Effect of w/c ratio and antifreeze admixture on the frost damage of sulfoaluminate cement concrete at-20 degrees C | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 王发洲 | 347: 128457 | DOI: 10.1016/j.conbuildmat.2022.128457 | 2022 |
| 166 | Concurrent Enhancement of Breakdown Strength and Dielectric Constant in Poly(vinylidene Fluoride) Film with High Energy Storage Density by Ultraviolet Irradiation | ACS OMEGA | SCI收录 | 李宝文,Wang Jing | 7:30 | 25999-26004 /DOI: 10.1021/acsomega.1c07373 | 2022 |
| 167 | Fast-growing cyanobacteria bio-embedded into bacterial cellulose for toxic metal bioremediation | CARBOHYDRATE POLYMERS | SCI和EI同时收录 | Tremblay, PL; 张甜 | 295: 119881 | DOI: 10.1016/j.carbpol.2022.119881 | 2022 |
| 168 | Effect of coral powder on the carbonation behavior of ?-C2S | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 刘志超; 王发洲 | 347: 128251 | DOI: 10.1016/j.conbuildmat.2022.128251 | 2022 |
| 169 | Engineering an Insoluble Cathode Electrolyte Interphase Enabling High Performance NCM811//Graphite Pouch Cell at 60 degrees C | ADVANCED ENERGY MATERIALS | SCI收录 | Liu Jilei,He, Xiangming | 12:33 | DOI: 10.1002/aenm.202201631 | 2022 |
| 170 | Size-controlled engineering of cobalt metal catalysts through a coordination effect for oxygen electrocatalysis | APPLIED CATALYSIS B-ENVIRONMENTAL | SCI和EI同时收录 | 何大平;木士春 | 317: 121766 | DOI: 10.1016/j.apcatb.2022.121766 | 2022 |
| 171 | Cation speciation, compactness, and structure-property correlations in manganese aluminosilicate glasses | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI和EI同时收录 | Wondraczek Lothar | 105:12 | 7171-7185 /DOI: 10.1111/jace.18640 | 2022 |
| 172 | Dispersible CdS1-xSex solid-solution nanocrystal photocatalysts: Photoinduced self-transformation synthesis and enhanced hydrogen-evolution activity | JOURNAL OF COLLOID AND INTERFACE SCIENCE | SCI收录 | 余火根 | 627 | DOI: 10.1016/j.jcis.2022.07.072 | 2022 |
| 173 | Tailoring effect of Y2O3 on water resistance of Na2O-ZnO-Al2O3-B2O3 glasses | JOURNAL OF RARE EARTHS | SCI收录 | Wang Mitang | 40:8 | 1316-1322 /DOI: 10.1016/j.jre.2021.08.010 | 2022 |
| 174 | Experimental and modelling study on the deterioration of stabilized soft soil subjected to sulfate attack | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Wu Kai | 346: 128436 | DOI: 10.1016/j.conbuildmat.2022.128436 | 2022 |
| 175 | Boosting Highly Active Exposed Mo Atoms by Fine-Tuning S-Vacancies of MoS2-Based Materials for Efficient Hydrogen Evolution | ACS APPLIED MATERIALS & INTERFACES | SCI和EI同时收录 | Chen Lihua,Wang Yilong | 14:27 | 30746-30759 /DOI: 10.1021/acsami.2c0544430746 Published: JUL 13 2022 | 2022 |
| 176 | Bi3+ and Sm3+ co-doped Cs2AgInCl6 perovskite microcrystals with co-enhancement of fluorescence emission | NEW JOURNAL OF CHEMISTRY | SCI和EI同时收录 | 龚晓 | 46:31 | 15192-15199 /DOI: 10.1039/d2nj02856e | 2022 |
| 177 | K+ Induced Phase Transformation of Layered Titanium Disulfide Boosts Ultrafast Potassium-Ion Storage | ADVANCED FUNCTIONAL MATERIALS | SCI和EI同时收录 | 麦立强,Wang Xuanpeng | 32:39 | DOI: 10.1002/adfm.202205330 | 2022 |
| 178 | Enhanced photocatalytic activities of a hierarchical ZnO/V2C MXene hybrid with a close coupling heterojunction for the degradation of methyl orange, phenol and methylene blue dye | NEW JOURNAL OF CHEMISTRY | SCI和EI同时收录 | 田守勤 | 46:31 | 14793-14804 /DOI: 10.1039/d2nj02658a | 2022 |
| 179 | Cu, Co, or Ni species in exchanged Y zeolite catalysts and their denitration performance for selective catalytic reduction by ammonia | APPLIED SURFACE SCIENCE | SCI和EI同时收录 | 方德;谢峻林 | 600: 154075 | DOI: 10.1016/j.apsusc.2022.154075 | 2022 |
| 180 | Preparation and evaluation of high-fluid backfill materials from construction spoil | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 蹇守卫 | 345: 128370 | DOI: 10.1016/j.conbuildmat.2022.128370 | 2022 |
| 181 | Robust photothermal self-healing superhydrophobic coating based on carbon nanosphere/carbon nanotube composite | MATERIALS & DESIGN | SCI和EI同时收录 | Wu Min,龚晓 | 221: 110897 | DOI: 10.1016/j.matdes.2022.110897 | 2022 |
| 182 | Ionic Liquid Stabilized Perovskite Solar Modules with Power Conversion Efficiency Exceeding 20% | ADVANCED FUNCTIONAL MATERIALS | SCI和EI同时收录 | 李能;鲁建峰 | 32:38 | DOI: 10.1002/adfm.202204396 | 2022 |
| 183 | The thermal performances of cement-based materials with different types of microencapsulated phase change materials | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Miao Wenjuan;贺行洋 | 345: 128388 | DOI: 10.1016/j.conbuildmat.2022.128388 | 2022 |
| 184 | Enhanced induction heating and self-healing performance of recycled asphalt mixtures by incorporating steel slag | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | 吴少鹏; 谢君 | 366: 132999 | DOI: 10.1016/j.jclepro.2022.132999 | 2022 |
| 185 | Nanocrystals of CuCoO2 derived from MOFs and their catalytic performance for the oxygen evolution reaction | DALTON TRANSACTIONS | SCI和EI同时收录 | 熊德华 | 51:30 | 11536-11546 /DOI: 10.1039/d2dt01281b | 2022 |
| 186 | Polymorphism, ionic conductivity and electrochemical properties of lithium closo-deca- and dodeca-borates and their composites, Li2B10H10-Li2B12H12 | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | Jensen TR,Yan Yigang | 10:30 | 16137-16151 /DOI: 10.1039/d2ta00337f | 2022 |
| 187 | Electron-enriched regulation of sulfur-active site for accelerating atomic hydrogen desorption of S-rich MoWS2+x cocatalyst toward efficient photocatalytic H-2 evolution of TiO2 | CHEMICAL ENGINEERING JOURNAL | SCI收录 | 余火根,Patir Imren Hatay | 449: 137803 | DOI: 10.1016/j.cej.2022.137803 | 2022 |
| 188 | High voltage and robust lithium metal battery enabled by highly-fluorinated interphases | ENERGY STORAGE MATERIALS | SCI和EI同时收录 | 赵焱,Liao Xiaobin | 51: 317-326 | 317-326 /DOI: 10.1016/j.ensm.2022.07.003 | 2022 |
| 189 | Ultra-stable and color-tunable manganese ions doped lead-free cesium zinc halides nanocrystals in glasses for light-emitting applications | NANO RESEARCH | SCI和EI同时收录 | 刘超 | 15:10 | 9368-9376 /DOI: 10.1007/s12274-022-4607-9 | 2022 |
| 190 | A novel mixed ether-based electrolyte for lithium-sulfur batteries with Li anode protection by dual salts | SUSTAINABLE ENERGY & FUELS | SCI和EI同时收录 | Liu Sheng; 赵焱 | 6:15 | 3658-3668 /DOI: 10.1039/d2se00647b | 2022 |
| 191 | Amorphous Arrays of Silica Nanoparticles Coated with PDMS Brushes Enable Water-Repellent Noniridescent Structural Colors for Optical Information Encryption | ACS APPLIED NANO MATERIALS | SCI收录 | 余海湖 | 5:7 | 9584-9593 /DOI: 10.1021/acsanm.2c01801 | 2022 |
| 192 | Effect of temperature on the carbonation behavior of ?-C2S compacts | CEMENT & CONCRETE COMPOSITES | SCI和EI同时收录 | 刘志超; 王发洲 | 133: 104652 | DOI: 10.1016/j.cemconcomp.2022.104652 | 2022 |
| 193 | Hydration characterization of Mg2+ blended excess-sulphate phosphogypsum slag cement system during early age | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 孙涛 | 345: 128191 | DOI: 10.1016/j.conbuildmat.2022.128191 | 2022 |
| 194 | Effect of sulfate attack on the composition and micro-mechanical properties of C-A-S-H gel in cement-slag paste: A combined study of nanoinden tation and SEM-EDS | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 丁庆军; Zhang Gaozhan | 345: 128275 | DOI: 10.1016/j.conbuildmat.2022.128275 | 2022 |
| 195 | Efficient and thin microwave absorption materials fabricated by polyzwitterion wrapped carbon nanotube | APPLIED SURFACE SCIENCE | SCI和EI同时收录 | 熊传溪; 杨全岭 | 600: 154060 | DOI: 10.1016/j.apsusc.2022.154060 | 2022 |
| 196 | Quantitative Assessment of Road Performance of Recycled Asphalt Mixtures Incorporated with Steel Slag | MATERIALS | SCI收录 | 吴少鹏; Yang Chao | 15:14 | DOI: 10.3390/ma15145005 | 2022 |
| 197 | Performance Evaluation of Asphalt Modified with Steel Slag Powder and Waste Tire Rubber Compounds | SUSTAINABILITY | SCI收录 | Zhao Zenggang | 14:14 | DOI: 10.3390/su14148615 | 2022 |
| 198 | Research on Design and Performance of Self-Compacting Cement Emulsified Bitumen Mixture (CEBM) | MATERIALS | SCI收录 | Feng Jianlin; Li, Yuanyuan | 15:14 | DOI: 10.3390/ma15144840 | 2022 |
| 199 | Designing Photothermal Superhydrophobic PET Fabrics via In Situ Polymerization and 1,4-Conjugation Addition Reaction | LANGMUIR | SCI和EI同时收录 | 龚晓 | 38:28 | 8708-8718 /DOI: 10.1021/acs.langmuir.2c01366 | 2022 |
| 200 | Particle Characterization of Manufactured Sand and Its Influence on Concrete Properties | MATERIALS | SCI收录 | 沈卫国 | 15:13 | DOI: 10.3390/ma15134593 | 2022 |
| 201 | Nb-O-C Charge Transfer Bridge in 2D/2D Nb2O5/g-C3N4 S-Scheme Heterojunction for Boosting Solar-Driven CO2 Reduction: In Situ Illuminated X-Ray Photoelectron Spectroscopy Investigation and Mechanism Insight | SOLAR RRL | SCI收录 | Wang Kai; Wang Hukun | 6:9 | DOI: 10.1002/solr.202200434 | 2022 |
| 202 | Investigation of Aging Resistance of Asphalts from Different Crude Oils Based on Molecular Structure and Rheological Properties | JOURNAL OF TESTING AND EVALUATION | SCI和EI同时收录 | 余剑英,Huang Xiaoqiao | 50:4 | 2137-2155 /DOI: 10.1520/JTE20210801 | 2022 |
| 203 | Effect of thermo-oxidative ageing on the rheological properties of bituminous binders and mixes: Experimental study and multi-scale modeling | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Some Saannibe Ciryle | 344: 128260 | DOI: 10.1016/j.conbuildmat.2022.128260 | 2022 |
| 204 | Tailoring the microenvironment in Fe-N-C electrocatalysts for optimal oxygen reduction reaction performance | SCIENCE BULLETIN | SCI收录 | Waterhouse GIN,赵焱,Zhang Tierui | 67:12 | 1264-1273 /DOI: 10.1016/j.scib.2022.04.022 Published: JUN 30 2022 | 2022 |
| 205 | High Fuel Yields, Solar-to-Fuel Efficiency, and Excellent Durability Achieved for Confined NiCo Alloy Nanoparticles Using MgO Overlayers for Photothermocatalytic CO2 Reduction | SOLAR RRL | SCI和EI同时收录 | Wu Shaowen; Tian Jian,李远志 | 6:9 | DOI: 10.1002/solr.202200369 | 2022 |
| 206 | Improving the mechanical property and water resistance of ?-hemihydrate phosphogypsum by incorporating ground blast-furnace slag and steel slag | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波 | 344: 128265 | DOI: 10.1016/j.conbuildmat.2022.128265 | 2022 |
| 207 | Robust superamphiphobic coatings with gradient and hierarchical architecture and excellent anti-flashover performances | NANO RESEARCH | SCI收录 | 谢毅 | 15:8 | 7565-7576 /DOI: 10.1007/s12274-022-4386-3 | 2022 |
| 208 | Carbon dot/inorganic nanomaterial composites | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | 龚晓,Wu Min | 10:28 | 14709-14731 /DOI: 10.1039/d2ta02628g | 2022 |
| 209 | Hypersensitivity of the Glass Transition to Pressure History in a Metal-Organic Framework Glass | CHEMISTRY OF MATERIALS | SCI收录 | Smedskjaer Morten M; 岳远征 | 34:11 | 5030-5038 /DOI: 10.1021/acs.chemmater.2c00325 Published: JUN 14 2022 | 2022 |
| 210 | Low-coordinated cobalt arrays for efficient hydrazine electrooxidation | ENERGY & ENVIRONMENTAL SCIENCE | SCI和EI同时收录 | Wu Haobin,赵焱,Yu Xinyao | 15:8 | 3246-3256 /DOI: 10.1039/d2ee01463g | 2022 |
| 211 | Dechlorination and vitrification of electrochemical processing salt waste | JOURNAL OF NUCLEAR MATERIALS | SCI和EI同时收录 | 徐凯 | 567: 153833 | DOI: 10.1016/j.jnucmat.2022.153833 | 2022 |
| 212 | Revealing the micro-mechanical characteristics of high early strength cement pastes | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 胡传林 | 342: 128078 | DOI: 10.1016/j.conbuildmat.2022.128078 | 2022 |
| 213 | Synergistic Regulation of S-Vacancy of MoS2-Based Materials for Highly Efficient Electrocatalytic Hydrogen Evolution | FRONTIERS IN CHEMISTRY | SCI收录 | 陈丽华,Wang Yilong | 10: 915468 | DOI: 10.3389/fchem.2022.915468 Published: JUN 8 2022 | 2022 |
| 214 | Dynamic response of a Li2O-Al2O3-SiO2 transparent glass-ceramic under shock compression | JOURNAL OF THE EUROPEAN CERAMIC SOCIETY | SCI和EI同时收录 | 罗国强 | 42:12 | 5074-5078 /DOI: 10.1016/j.jeurceramsoc.2022.05.018 Early Access D | 2022 |
| 215 | Numerical simulation of optical refractometric sensing of multiple disease markers based on lab-in-a-fiber | OPTICS EXPRESS | SCI收录 | 李政颖; Du Qingguo | 30:12 | 20783-20795 /DOI: 10.1364/OE.454050 Published: JUN 6 2022 | 2022 |
| 216 | Precipitation of cesium lead halide perovskite nanocrystals in glasses based on liquid phase separation | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI和EI同时收录 | 刘超 | 105:10 | 6105-6115 /DOI: 10.1111/jace.18547 | 2022 |
| 217 | Investigation of sulfate attack on aluminum phases in cement-metakaolin paste | JOURNAL OF BUILDING ENGINEERING | SCI收录 | Deng Gao;何永佳,吕林女 | 56: 104720 | DOI: 10.1016/j.jobe.2022.104720 | 2022 |
| 218 | Development mechanism of aging depth of bitumen with increasing UV aging time | CASE STUDIES IN CONSTRUCTION MATERIALS | SCI收录 | 陈安琪 | 17: e01057 | DOI: 10.1016/j.cscm.2022.e01057 | 2022 |
| 219 | Application of reduced graphene oxide as the hole transport layer in organic solar cells synthesized from waste dry cells using the electrochemical exfoliation method | NEW JOURNAL OF CHEMISTRY | SCI收录 | Negash Asfaw | 46:27 | 13001-13009 /DOI: 10.1039/d2nj01974d | 2022 |
| 220 | Global Bibliometric Developments on Solid Waste Recycling in Concrete Construction Engineering | MATERIALS | SCI收录 | Zhang Ronghui | 15:12 | DOI: 10.3390/ma15124142 | 2022 |
| 221 | The Effects of Graphene Oxide-Silica Nano-Hybrid Materials on the Rheological Properties, Mechanical Properties, and Microstructure of Cement-Based Materials | MATERIALS | SCI收录 | Yin Weisong | 15:12 | DOI: 10.3390/ma15124207 | 2022 |
| 222 | Facile Solution Process of VO2 Film with Mesh Morphology for Enhanced Thermochromic Performance | MATERIALS | SCI收录 | 田守勤,Pang Aimin | 15:12 | DOI: 10.3390/ma15124129 | 2022 |
| 223 | Coherent-detection-based distributed acoustic impedance sensing enabled by a chirped fiber Bragg grating array | PHOTONICS RESEARCH | SCI和EI同时收录 | 李政颖 | 10:6 | 1325-1331 /DOI: 10.1364/PRJ.450127 | 2022 |
| 224 | Study on the Actuating Performance of an Embedded Macro Fiber Composite Considering the Shear Lag Effect | MATERIALS | SCI收录 | Zhang Jiarui; 涂建维 | 15:11 | DOI: 10.3390/ma15113968 | 2022 |
| 225 | Optimizing Evanescent Efficiency of Chalcogenide Tapered Fiber | MATERIALS | SCI收录 | 许银生,Yao Ni | 15:11 | DOI: 10.3390/ma15113834 | 2022 |
| 226 | Microwave heating mechanism and self-healing performance of asphalt mixture with basalt and limestone aggregates | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 李元元,陈安琪 | 342: 127973 | DOI: 10.1016/j.conbuildmat.2022.127973 | 2022 |
| 227 | Effects of curing regimes on the chloride binding capacity of cementitious materials | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 何永佳,吕林女 | 342: 127929 | DOI: 10.1016/j.conbuildmat.2022.127929 | 2022 |
| 228 | Influence of ion chelator on pore structure, water transport and crack-healing properties of cement pastes incorporating high-volume fly ash a nd blast-furnace slag | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 余剑英 | 55: 104696 | DOI: 10.1016/j.jobe.2022.104696 | 2022 |
| 229 | Degradation characteristics of Portland cement mortar incorporating supplementary cementitious materials under multi-ions attacks and drying-wetting cycles | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | Wu Qiaoyun,Lu Jianxin | 363: 132378 | DOI: 10.1016/j.jclepro.2022.132378 | 2022 |
| 230 | A sensitive non-enzymatic glucose sensor based on MgO entangled nanosheets decorated with CdS nanoparticles: Experimental and DFT study | JOURNAL OF MOLECULAR LIQUIDS | SCI和EI同时收录 | Ali Ghafar; Cho Sung Oh | 360: 119366 | DOI: 10.1016/j.molliq.2022.119366 | 2022 |
| 231 | Microwave heating mechanism and Self-healing performance of scrap tire pyrolysis carbon black modified bitumen | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 李元元,舒本安 | 341: 127873 | DOI: 10.1016/j.conbuildmat.2022.127873 | 2022 |
| 232 | Volatilization control of CdCl2 and its solidification mechanism during lightweight aggregate production from Cd-contaminated soil | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Li Baodong | 48:13 | 19283-19294 /DOI: 10.1016/j.ceramint.2022.03.221 | 2022 |
| 233 | Polarization fading suppression in distributed interferometric sensing by matched interference between polarization-switched pulses | OPTICS EXPRESS | SCI收录 | 李政颖 | 30:11 | 19705-19715 /DOI: 10.1364/OE.459951 | 2022 |
| 234 | Enhancing the mechanical behaviour of concretes through polymer modification of the aggregate-cement paste interface | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 王发洲 | 54: 104605 | DOI: 10.1016/j.jobe.2022.104605 | 2022 |
| 235 | Single-Junction Organic Solar Cells with 19.17% Efficiency Enabled by Introducing One Asymmetric Guest Acceptor | ADVANCED MATERIALS | SCI和EI同时收录 | Min Jie | 34:26 | DOI: 10.1002/adma.202110147 | 2022 |
| 236 | Dual effect of ZrO2 on phase separation and crystallization in Li2O-Al2O3-SiO2-P2O5 glasses | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI收录 | 陆平 | 105:9 | 5698-5710 /DOI: 10.1111/jace.18540 | 2022 |
| 237 | Improving stability MXenes | NANO RESEARCH | SCI收录 | Zhang Yizhou,Zhuang Zechao,Kang Qi | 15:7 | 6551-6567 /DOI: 10.1007/s12274-022-4312-8 | 2022 |
| 238 | A point cloud registration-based calibration algorithm for robot offline programming automatic loading in aero-grinding applications | INDUSTRIAL ROBOT-THE INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH AND APPLICATION | SCI和EI同时收录 | Cai Zhenhua | 49:6 | 1218-1228 /DOI: 10.1108/IR-12-2021-0284 | 2022 |
| 239 | The deformation of short-range order leading to rearrangement of topological network structure in zeolitic imidazolate framework glasses | ISCIENCE | SCI收录 | 李能 | 25:6 | DOI: 10.1016/j.isci.2022.104351 | 2022 |
| 240 | Mitigating the Internal Ion Migration of Organic-Inorganic Hybrid Perovskite by a Graphene Oxide Interlayer | ACS APPLIED MATERIALS & INTERFACES | SCI和EI同时收录 | Ku Zhiliang;鲁建峰 | 14:19 | 22601-22606 /DOI: 10.1021/acsami.2c01732 | 2022 |
| 241 | High efficiency near infrared emission from Pb1-xSrxSe Quantum dots in lithium aluminosilicate glass-ceramics | JOURNAL OF NON-CRYSTALLINE SOLIDS | SCI和EI同时收录 | 王静 | 590: 121692 | DOI: 10.1016/j.jnoncrysol.2022.121692 | 2022 |
| 242 | Effect of highly dispersed colloidal olivine nano-silica on early age properties of ultra-high performance concrete | CEMENT & CONCRETE COMPOSITES | SCI收录 | Li S;于清亮 | 131: 104564 | DOI: 10.1016/j.cemconcomp.2022.104564 | 2022 |
| 243 | The impact of carbonation at different CO2 concentrations on the microstructure of phosphogypsum-based supersulfated cement paste | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 孙涛 | 340: 127823 | DOI: 10.1016/j.conbuildmat.2022.127823 | 2022 |
| 244 | Form-stable phase change composites with high thermal conductivity and electrical insulation | JOURNAL OF ENERGY STORAGE | SCI和EI同时收录 | 熊传溪 | 52: 104836 | DOI: 10.1016/j.est.2022.104836 | 2022 |
| 245 | A dual-confined lithium nucleation and growth design enables dendrite-free lithium metal batteries | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | Yang Jinlong,何大平 | 10:21 | 11659-11666 /DOI: 10.1039/d2ta01536f | 2022 |
| 246 | Atomistic thermodynamics and kinetics of dicalcium silicate dissolution | CEMENT AND CONCRETE RESEARCH | SCI收录 | Qomi Mohammad Javad Abdolhosseini,王发洲 | 157: 106833 | DOI: 10.1016/j.cemconres.2022.106833 | 2022 |
| 247 | Quantitative effect of seawater on the hydration kinetics and microstructure development of Ultra High Performance Concrete (UHPC) | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余睿 | 340: 127733 | DOI: 10.1016/j.conbuildmat.2022.127733 | 2022 |
| 248 | Thermal cycling behavior and failure mechanism of the Si-HfO2 environmental barrier coating bond coats prepared by atmospheric plasma spraying | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | 曹学强 | 913: 165319 | DOI: 10.1016/j.jallcom.2022.165319 | 2022 |
| 249 | Preparation of organic montmorillonite supported TiO2 and its application in methylene blue removal | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波 | 341: 127762 | DOI: 10.1016/j.conbuildmat.2022.127762 | 2022 |
| 250 | Recycling utilization of phosphogypsum in eco excess-sulphate cement: Synergistic effects of metakaolin and slag additives on hydration, strength and microstructure | JOURNAL OF CLEANER PRODUCTION | SCI收录 | 孙涛,Zhang Mingzhong | 358: 131901 | DOI: 10.1016/j.jclepro.2022.131901 | 2022 |
| 251 | Effect of nickel doping on the structure, morphology and oxygen evolution reaction performance of Cu-BTC derived CuCoO2 | DALTON TRANSACTIONS | SCI和EI同时收录 | 熊德华 | 51:22 | 8757-8765 /DOI: 10.1039/d2dt00970f | 2022 |
| 252 | Performance of a pavement optical coating prepared with tungsten bronze nanoparticle | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | Si Wei,Hu Yongping | 340: 127700 | DOI: 10.1016/j.conbuildmat.2022.127700 | 2022 |
| 253 | Photoconductive Charge Transfer Complexes as Charge Transport Layers for High Performance Inverted Perovskite Solar Cells | ADVANCED FUNCTIONAL MATERIALS | SCI和EI同时收录 | Liu Dan | 32:30 | DOI: 10.1002/adfm.202201935 | 2022 |
| 254 | Dual-quantum dots-driven BPQDs/TCQDs/BiOBr composites for decomposing tetracycline hydrochloride | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS | SCI和EI同时收录 | 孙华君 | 33:15 | 12457-12465 /DOI: 10.1007/s10854-022-08203-y Early | 2022 |
| 255 | Designing highly luminescent nanocrystals embedded bulk single crystals for X-ray scintillators | JOURNAL OF LUMINESCENCE | SCI和EI同时收录 | 夏梦玲 | 248: 118924 | DOI: 10.1016/j.jlumin.2022.118924 | 2022 |
| 256 | Strategic design and fabrication of MXenes-Ti3CNCl2@CoS2 core-shell nanostructure for high-efficiency hydrogen evolution | NANO RESEARCH | SCI和EI同时收录 | Jiang Jizhou,Yang Meiqing,Zhai Tianyou | 15:7 | 5977-5986 /DOI: 10.1007/s12274-022-4276-8 | 2022 |
| 257 | Establishing a theoretical insight for penta-coordinated iron-nitrogen-carbon catalysts toward oxygen reaction | NANO RESEARCH | SCI和EI同时收录 | Liao Xiaobin;Wang Zhaoyang; 赵焱 | 15:7 | 6067-6075 /DOI: 10.1007/s12274-022-4318-2 | 2022 |
| 258 | One-step fabrication of MoS2/Ni3S2 with P-doping for efficient water splitting | CRYSTENGCOMM | SCI和EI同时收录 | Qiao Fen; Li Haitao | 24:22 | 4057-4062 /DOI: 10.1039/d2ce00493c | 2022 |
| 259 | Gradation Design of Phosphorus Tailing-Graded Waste Rock Subgrade Filling Using Discrete Element Method | MINERALS | SCI收录 | 赵青林 | 12:5 | DOI: 10.3390/min12050573 | 2022 |
| 260 | Preparation and Characterization of Electromagnetic-Induced Rupture Microcapsules for Self-Repairing Mortars | MATERIALS | SCI收录 | Du Wei | 15:10 | DOI: 10.3390/ma15103608 | 2022 |
| 261 | Optimization of Asphalt-Mortar-Aging-Resistance-Modifier Dosage Based on Second-Generation Non-Inferior Sorting Genetic Algorithm | MATERIALS | SCI收录 | 吴少鹏 | 15:10 | DOI: 10.3390/ma15103635 | 2022 |
| 262 | Physical Properties and Storage Stability of Buton Rock Asphalt Modified Asphalt | MATERIALS | SCI收录 | Wan Jiuming | 15:10 | DOI: 10.3390/ma15103592 | 2022 |
| 263 | Study on a Hydrogel for Adsorption of Chloride Ions in Cementitious Materials | POLYMERS | SCI收录 | Chen Wanyu | 14:10 | DOI: 10.3390/polym14102081 | 2022 |
| 264 | Fabrication and Optical Characterization of VO2-Based Thin Films Deposited on Practical Float Glass by Magnetron Sputtering and Professional Annealing | MATERIALS | SCI收录 | Chu Xinhong,找修建 | 15:9 | DOI: 10.3390/ma15092990 | 2022 |
| 265 | Impact of Aging on Molecular Structure of Asphalts from Different Crude Oils | JOURNAL OF TESTING AND EVALUATION | SCI和EI同时收录 | 余剑英; Huang Xiaoqiao | 50:3 | 1390-1402/DOI: 10.1520/JTE20210744 | 2022 |
| 266 | Impact of Nickel Oxide/Perovskite Interfacial Contact on the Crystallization and Photovoltaic Performance of Perovskite Solar Cells | SOLAR RRL | SCI和EI同时收录 | 鲁建峰,Hu Min | 6:7 | DOI: 10.1002/solr.202200232 | 2022 |
| 267 | Long-term stable and highly efficient photoluminescence from Sr2+-doped CsPbBr3 nanocrystals in boro-germanosilicate glass | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 王静; 韩建军 | 48:12 | 17596-17603 /DOI: 10.1016/j.ceramint.2022.03.029 | 2022 |
| 268 | Mechanical, piezoelectric, and dielectric properties of a novel 0-3?-C2S-PZT composite | CERAMICS INTERNATIONAL | SCI收录 | 王发洲 | 48:12 | 17682-17690 /DOI: 10.1016/j.ceramint.2022.03.038 | 2022 |
| 269 | Modification of phosphogypsum using circulating fluidized bed fly ash and carbide slag for use as cement retarder | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 陈潇 | 338: 127630 | DOI: 10.1016/j.conbuildmat.2022.127630 | 2022 |
| 270 | Ultra-High-Sensitive Temperature Sensing Based on Er(3+)and Yb3+Co-Doped Lead-Free Double Perovskite Microcrystals | JOURNAL OF PHYSICAL CHEMISTRY LETTERS | SCI收录 | 龚晓 | 13:16 | 3623-3630 /DOI: 10.1021/acs.jpclett.2c00744 Published: APR 28 2022 | 2022 |
| 271 | A recyclable colorimetric sensor made of waste cotton fabric for the detection of copper ions | CELLULOSE | SCI和EI同时收录 | 张甜 | 29:9 | 5103-5115/DOI: 10.1007/s10570-022-04572-z | 2022 |
| 272 | Duetting electronic structure modulation of Ru atoms in RuSe2@NC enables more moderate H\* adsorption and water dissociation for hydrogen evolution reaction | JOURNAL OF MATERIALS CHEMISTRY A | SCI收录 | Kou Zongkui; Tang Haolin;木士春 | 10:18 | 10242-10243 /DOI: 10.1039/d2ta90081e | 2022 |
| 273 | Copper doped CoSx@Co(OH)(2) hierarchical mesoporous nanosheet arrays as binder-free electrodes for superior supercapacitors | JOURNAL OF ALLOYS AND COMPOUNDS | SCI收录 | Zheng Huajun,Wang HongEn | 911: 165115 | DOI: 10.1016/j.jallcom.2022.165115 | 2022 |
| 274 | Recycling waste disposable medical masks in improving the performance of asphalt and asphalt mixtures | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 吴少鹏 | 337: 127621 | DOI: 10.1016/j.conbuildmat.2022.127621 | 2022 |
| 275 | Improvement in flexural strength of Portland cement by lamellar structured montmorillonite | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波,贺行洋 | 329: 127208 | DOI: 10.1016/j.conbuildmat.2022.127208 Published: APR 25 2022 | 2022 |
| 276 | Enhanced breakdown strength of ferroelectric-dielectric multilayered thin films by blocking oxygen vacancies through linear dielectric layer | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS | SCI收录 | 孙华君 | 33:14 | 11236-11245 /DOI: 10.1007/s10854-022-08099-8 Early | 2022 |
| 277 | Density Functional Investigation on alpha-MoO3 (100): Amines Adsorption and Surface Chemistry | ACS SENSORS | SCI收录 | Yang Tingqiang,陈文,Zhang, Han | 7:4 | 1213-1221 /DOI: 10.1021/acssensors.2c00352 Published: APR 22 2022 | 2022 |
| 278 | 3-1-type PZT-based porous ceramic and composites with highly oriented pore structure for acoustic applications | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS | SCI收录 | Liu Xiaofang | 33:15 | 12171-12181/DOI: 10.1007/s10854-022-08177-x Early | 2022 |
| 279 | Anti-Stokes Photoluminescence Regulated by Lattice Distortion ofCsPbX(3)Nanocrystals in Glasses | JOURNAL OF PHYSICAL CHEMISTRY C | SCI收录 | 刘超 | 126:15 | 6678-6685 /DOI: 10.1021/acs.jpcc.2c01579 Published: APR 21 2022 | 2022 |
| 280 | Influence of particle size on 3D-printed piezoelectric ceramics via digital light processing with furnace sintering | INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY | SCI和EI同时收录 | 孙华君 | 19:5 | 2461-2471/DOI: 10.1111/ijac.14074 | 2022 |
| 281 | Reversely trapping atoms from a perovskite surface for high-performance and durable fuel cell cathodes | NATURE CATALYSIS | SCI和EI同时收录 | Wang Dingsheng; Li Yadong | 5:4 | 300-310/DOI: 10.1038/s41929-022-00764-9 | 2022 |
| 282 | Efficient degradation of organic pollutants by activated peroxymonosulfate over TiO2@C decorated Mg-Fe layered double oxides: Degradation pathways and mechanism | CHEMOSPHERE | SCI收录 | 张高科,Liu Jin | 300: 134564 | DOI: 10.1016/j.chemosphere.2022.134564 | 2022 |
| 283 | Chloride Adsorption Capacity of Monocarbonate: The Importance of Iron Doping | ACS SUSTAINABLE CHEMISTRY & ENGINEERING | SCI和EI同时收录 | 杨露; 王发洲 | 10:17 | 5621-5632 /DOI: 10.1021/acssuschemeng.2c00348 | 2022 |
| 284 | Predicting the DC pollution flashover voltage on the insulation surfaces with superhydrophobicity | COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS | SCI和EI同时收录 | Li Lee; Yang Kai | 646: 128987 | DOI: 10.1016/j.colsurfa.2022.128987 | 2022 |
| 285 | Low-temperature sintering coating of phosphor in TeO2-SiO2-B2O3-ZnO glass for enhanced luminous efficacy of white LED | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS | SCI收录 | 李宏 | 33:15 | 11915-11925 /DOI: 10.1007/s10854-022-08154-4 Early | 2022 |
| 286 | Structural engineering of tin sulfides anchored on nitrogen/phosphorus dual-doped carbon nanofibres in sodium/potassium-ion batteries | CARBON | SCI和EI同时收录 | Zeng Lingxing,Chen Xiaochuan,Wang Hongen | 189: 46-56 | 46-56 /DOI: 10.1016/j.carbon.2021.12.051 Published: APR 15 2022 | 2022 |
| 287 | Ultrasensitive detection of Cr(VI) using a novel SERS optical fiber probe modified by dual-functional methimazole | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | 李宏 | 910: 164916 | DOI: 10.1016/j.jallcom.2022.164916 | 2022 |
| 288 | Properties of beta-HPG pastes in the presence of alpha-HPG prepared from phosphogypsum | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 谭洪波 | 334: 127414 | DOI: 10.1016/j.conbuildmat.2022.127414 | 2022 |
| 289 | Intensitive UV-Vis-IR driven catalytic activity of Pt supported on hierarchical ZnO porous nanosheets for benzene degradation via novel photothermocatalytic synergetic effect | JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING | SCI和EI同时收录 | Ren Lu | 10:3: 107694 | DOI: 10.1016/j.jece.2022.107694 | 2022 |
| 290 | Effect of the ratio of R = [Na2O]/[B2O3] on the structure, Ag species, and antibacterial activity of Ag-doped borosilicate glass | JOURNAL OF NON-CRYSTALLINE SOLIDS | SCI和EI同时收录 | 徐凯 | 588: 121610 | DOI: 10.1016/j.jnoncrysol.2022.121610 | 2022 |
| 291 | Radical doped hole transporting material for high-efficiency and thermostable perovskite solar cells | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | 鲁建峰 | 10:19 | 10604-10613/DOI: 10.1039/d2ta01096h | 2022 |
| 292 | In-situ synthesis of luminescent CdS quantum dots embedded in phosphate glass | JOURNAL OF NON-CRYSTALLINE SOLIDS | SCI和EI同时收录 | Manzani Danilo | 587: 121599 | DOI: 10.1016/j.jnoncrysol.2022.121599 | 2022 |
| 293 | Application and validation of fly ash based geopolymer mortar as grouting material in porous asphalt concrete | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Jiang Xin | 332: 127154 | DOI: 10.1016/j.conbuildmat.2022.127154 | 2022 |
| 294 | Dynamic Property Analysis of Orthotropic Bridge Deck with Local Fatigue Crack | ADVANCES IN CIVIL ENGINEERING | SCI收录 | Zhang Jiarui; 涂建维 | 2022: 3787756 | DOI: 10.1155/2022/3787756 | 2022 |
| 295 | Room-temperature growth of fluorapatite/CaCO3 heterogeneous structured composites inspired by human tooth | RSC ADVANCES | SCI收录 | 傅正义,王堃 | 12:18 | 11084-11089 /DOI: 10.1039/d2ra00374k | 2022 |
| 296 | Oxidation inhibition behaviors of environmental barrier coatings with a Si-Yb2SiO5 mixture layer for SiCf/SiC composites at 1300 degrees C | SURFACE & COATINGS TECHNOLOGY | SCI收录 | 蒋佳宁; 曹学强 | 438: 128421 | DOI: 10.1016/j.surfcoat.2022.128421 | 2022 |
| 297 | Structure and electrical conductivity of 0.5CSBT-0.5BFO ceramics sintered in air and N-2 | CERAMICS INTERNATIONAL | SCI收录 | Zhang Fengqing | 48:10 | 14442-14450 /DOI: 10.1016/j.ceramint.2022.01.337 | 2022 |
| 298 | Synergetic piezo-photocatalytic effect in ultrathin Bi2WO6 nanosheets for decomposing organic dye | JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS | SCI和EI同时收录 | Liu Xiaofang,Zhang Yong | 33:13 | 9845-9857 /DOI: 10.1007/s10854-022-07966-8 | 2022 |
| 299 | Ligand Modulation of Active Sites to Promote Electrocatalytic Oxygen Evolution | ADVANCED MATERIALS | SCI收录 | Zhou Liang; 麦立强 | 34:18 | DOI: 10.1002/adma.202200270 | 2022 |
| 300 | Rationally designed Ta3N5/BiOCl S-scheme heterojunction with oxygen vacancies for elimination of tetracycline antibiotic and Cr(VI): Performance, toxicity evaluation and mechanism insight | JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY | SCI和EI同时收录 | Li Shijie,Li Xin | 123: 177-190 | 177-190 /DOI: 10.1016/j.jmst.2022.02.012 | 2022 |
| 301 | Hydrothermal In-Situ Synthesis and Anti-Corrosion Performance of Zinc Oxide Hydroxyapatite Nanocomposite Anti-Corrosive Pigment | COATINGS | SCI收录 | Wang Huali | 12:4: 420 | DOI: 10.3390/coatings12040420 | 2022 |
| 302 | Preparation and Properties of Magnesium Cement-Based Photocatalytic Materials | CATALYSTS | SCI收录 | 杨露,Xue Cheng | 12:4: 420 | DOI: 10.3390/catal12040420 | 2022 |
| 303 | High-temperature corrosion behaviour of plasma sprayed Gd2SrAl2O7 coatings by V2O5 at 700-1200 degrees C | CORROSION SCIENCE | SCI收录 | 曹学强 | 197: 110032 | DOI: 10.1016/j.corsci.2021.110032 | 2022 |
| 304 | A delamination prediction model in ultrasonic vibration assisted drilling of CFRP composites | JOURNAL OF MATERIALS PROCESSING TECHNOLOGY | SCI和EI同时收录 | 吴超群 | 302: 117480 | DOI: 10.1016/j.jmatprotec.2021.117480 | 2022 |
| 305 | Physical properties, strength, and impurities stability of phosphogypsum-based cold-bonded aggregates | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 孙涛 | 331: 127307 | DOI: 10.1016/j.conbuildmat.2022.127307 | 2022 |
| 306 | Self-Enhancement of Efficiency and Self-Attenuation of Hysteretic Behavior of Perovskite Solar Cells with Aging | JOURNAL OF PHYSICAL CHEMISTRY LETTERS | SCI和EI同时收录 | 鲁建峰,Simonov Alexandr N | 13:12 | 2792-2799 /DOI: 10.1021/acs.jpclett.2c00278 Published: MAR 31 2022 | 2022 |
| 307 | Preparation and characterization of lignin grafted layered double hydroxides for sustainable service of bitumen under ultraviolet light | JOURNAL OF CLEANER PRODUCTION | SCI和EI同时收录 | Zhu Lei,余剑英 | 350: 131536 | DOI: 10.1016/j.jclepro.2022.131536 | 2022 |
| 308 | Built-in electric field enhanced BiFeO3 photo-Fenton degradation Rhodamine B solution | JOURNAL OF MATERIALS SCIENCE | SCI和EI同时收录 | Liu Xiaofang | 57:13 | 6900-6913 /DOI: 10.1007/s10853-022-06916-3 | 2022 |
| 309 | Fatigue crack evolution and characteristic of cold recycled asphalt mixture in different dimensions | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Lin Juntao | 325: 126818 | DOI: 10.1016/j.conbuildmat.2022.126818 Published: MAR 28 2022 | 2022 |
| 310 | Use of saturated lightweight sand to improve the mechanical and microstructural properties of UHPC with fiber alignment | CEMENT & CONCRETE COMPOSITES | SCI和EI同时收录 | Gao Xiaojian,Khayat Kamal H | 129: 104513 | DOI: 10.1016/j.cemconcomp.2022.104513 | 2022 |
| 311 | Advanced utilization of molybdenum tailings in producing Ultra High-Performance Composites based on a green activation strategy | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余睿 | 330: 127272 | DOI: 10.1016/j.conbuildmat.2022.127272 | 2022 |
| 312 | Development of a Sustainable CO2 Solidified Aerated Concrete | ACS SUSTAINABLE CHEMISTRY & ENGINEERING | SCI和EI同时收录 | 刘志超; 王发洲 | 10:12 | 3990-4001 /DOI: 10.1021/acssuschemeng.1c08695 Published: MAR 28 2 | 2022 |
| 313 | Facile Melting-Crystallization Synthesis of Cs2NaxAg1-xInCl6:BiDouble Perovskites for White Light-Emitting Diodes | INORGANIC CHEMISTRY | SCI和EI同时收录 | 许银生; Zhang Xianghua | 61:12 | 5040-5047 /DOI: 10.1021/acs.inorgchem.1c03996 Published: MAR 28 2022 | 2022 |
| 314 | Feasibility assessment of CeO2 nanoparticles as aging-resistant agent of asphalt | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 吴少鹏 | 330: 127245 | DOI: 10.1016/j.conbuildmat.2022.127245 | 2022 |
| 315 | Efficient NiO Impregnated Walnut Shell-Derived Carbon for Dye-Sensitized Solar Cells | ACS APPLIED ELECTRONIC MATERIALS | SCI和EI同时收录 | 赵修建,Ahmed Abdelaal S. A. | 4:3 | 1063-1071 /DOI: 10.1021/acsaelm.1c01216 Published: MAR 22 2022 | 2022 |
| 316 | Hierarchical ZnO/MXene (Nb2C and V2C) heterostructure with efficient electron transfer for enhanced photocatalytic activity | APPLIED SURFACE SCIENCE | SCI和EI同时收录 | 田守勤 | 590: 153095 | DOI: 10.1016/j.apsusc.2022.153095 | 2022 |
| 317 | Ultrafast Macroscopic Assembly of High-Strength Graphene Oxide Membranes by Implanting an Interlaminar Superhydrophilic Aisle | ACS NANO | SCI和EI同时收录 | 何大平,Kou, Zongkui | 16:3 | 3934-3942 /DOI: 10.1021/acsnano.1c09319 Published: MAR 22 2022 | 2022 |
| 318 | Novel thermal barrier coatings based on Mg2SiO4/8YSZ double-ceramic-layer systems deposited by APS | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | Chen Si, 曹学强 | 908: 164442 | DOI: 10.1016/j.jallcom.2022.164442 | 2022 |
| 319 | Sustainable clinker-free solid waste binder produced from wet-ground granulated blast-furnace slag, phosphogypsum and carbide slag | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋 | 330: 127218 | DOI: 10.1016/j.conbuildmat.2022.127218 | 2022 |
| 320 | Superposed structure of double-ceramic layer based on YSZ/LaMgAl11O19 thermal barrier coating | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Zou Binglin,曹学强 | 48:9 | 12423-12429 /DOI: 10.1016/j.ceramint.2022.01.107 | 2022 |
| 321 | In-depth understanding the hydration process of Mn-containing ferrite: A comparison with ferrite | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI和EI同时收录 | 杨露; 王发洲 | 105:7 | 4883-4896/DOI: 10.1111/jace.18444 | 2022 |
| 322 | Research on the properties of wet-ground waste limestone powder as foam stabilizer in foamed concrete | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波;贺行洋 | 329: 127203 | DOI: 10.1016/j.conbuildmat.2022.127203 | 2022 |
| 323 | Photoinduced self-stability mechanism of CdS photocatalyst: The dependence of photocorrosion and H 2-evolution performance | JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY | SCI收录 | 余火根 | 121: 19-27 | 19-27 /DOI: 10.1016/j.jmst.2021.12.051 | 2022 |
| 324 | Nano C-S-H seeds prepared from ground granulated blast-furnace slag-carbide slag and its application in Portland cement | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波;贺行洋 | 329: 127204 | DOI: 10.1016/j.conbuildmat.2022.127204 | 2022 |
| 325 | Development of a rapid hardening ultra-high performance concrete (R-UHPC): From macro properties to micro structure | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余睿 | 329: 127188 | DOI: 10.1016/j.conbuildmat.2022.127188 | 2022 |
| 326 | Ultrahigh augmentation of flexible composite-based piezoelectric energy harvesting efficiency via polymer-impregnated nanoparticles network within 3D cellulose scaffold | COMPOSITES PART B-ENGINEERING | SCI和EI同时收录 | 陈文; Zhang Yong | 236: 109813 | DOI: 10.1016/j.compositesb.2022.109813 | 2022 |
| 327 | Effect of Fe2O3-TiO2-Sm2O3 composite additive on sintering behavior and thermal properties of Al2O3 ceramics for thermal storage | CERAMICS INTERNATIONAL | SCI收录 | Zhang Qiankun | 48:8 | 11356-11364 /DOI: 10.1016/j.ceramint.2021.12.359 | 2022 |
| 328 | Accelerating conversion of LiPSs on strain-induced MXene for high-performance Li-S battery | CHEMICAL ENGINEERING JOURNAL | SCI和EI同时收录 | 赵焱, Liao Xiaobin | 439: 135679 | DOI: 10.1016/j.cej.2022.135679 | 2022 |
| 329 | Metal-organic framework derived bimetal oxide CuCoO2 as efficient electrocatalyst for the oxygen evolution reaction | DALTON TRANSACTIONS | SCI和EI同时收录 | 熊德华 | 51:15 | 5997-6006 /DOI: 10.1039/d2dt00517d | 2022 |
| 330 | Additive-mediated intercalation and surface modification of MXenes (Feb, 10.1039/d0cs01487g, 2022) | CHEMICAL SOCIETY REVIEWS | SCI收录 | Jiang Jizhou,Alshareef Husam N,Zhang Yizhou,Zhai Tianyou | 51:8 | 3314-3314 /DOI: 10.1039/d2cs90024f | 2022 |
| 331 | For the improvement of mechanical and microstructural properties of UHPC with fiber alignment using carbon nanotube and graphite nanoplatelet | CEMENT & CONCRETE COMPOSITES | SCI和EI同时收录 | Gao Xiaojian,Khayat Kamal H | 129: 104462 | DOI: 10.1016/j.cemconcomp.2022.104462 | 2022 |
| 332 | Study on heat resistance of carbonated gamma-C2S binder: Strength, phase and microstructure evolution | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 刘志超; 王发洲 | 329: 127049 | DOI: 10.1016/j.conbuildmat.2022.127049 | 2022 |
| 333 | Influence of novel long-chain active composite rejuvenators on interfacial adhesion between aged SBS modified asphalt and aggregate | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 余剑英 | 328: 127108 | DOI: 10.1016/j.conbuildmat.2022.127108 | 2022 |
| 334 | Duetting electronic structure modulation of Ru atoms in RuSe2@NC enables more moderate H\* adsorption and water dissociation for hydrogen evolution reaction | JOURNAL OF MATERIALS CHEMISTRY A | SCI收录 | Kou Zongkui; Tang Haolin;木士春 | 10:14 | 7637-7644/DOI: 10.1039/d2ta01032a | 2022 |
| 335 | Robust multifunctional fluorine-free superhydrophobic fabrics for high-efficiency oil-water separation with ultrahigh flux | NANOSCALE | SCI和EI同时收录 | Huang Jian;龚晓 | 14:15 | 5840-5850 /DOI: 10.1039/d2nr00337f | 2022 |
| 336 | Performance and microstructure of ultra-high-performance concrete (UHPC) with silica fume replaced by inert mineral powders | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 沈卫国 | 327: 126996 | DOI: 10.1016/j.conbuildmat.2022.126996 | 2022 |
| 337 | Formation and crystal growth of needle-like rutile in glass- ceramics | JOURNAL OF THE EUROPEAN CERAMIC SOCIETY | SCI收录 | 陆平 | 42:7 | 3313-3320/DOI: 10.1016/j.jeurceramsoc.2022.02.013 | 2022 |
| 338 | Fumarate disproportionation by Geobacter sulfurreducens and its involvement in biocorrosion and interspecies electron transfer | SCIENCE OF THE TOTAL ENVIRONMENT | SCI和EI同时收录 | 张甜 | 827: 154251 | DOI: 10.1016/j.scitotenv.2022.154251 | 2022 |
| 339 | Development of novel composite rejuvenators for efficient recycling of aged SBS modified bitumen | FUEL | SCI和EI同时收录 | 余剑英 | 318: 123715 | DOI: 10.1016/j.fuel.2022.123715 | 2022 |
| 340 | COF-5/CoAl-LDH Nanocomposite Heterojunction for Enhanced Visible-Light-Driven CO2 Reduction | CHEMSUSCHEM | SCI和EI同时收录 | 刘曰利 | 15:7 | DOI: 10.1002/cssc.202200184 | 2022 |
| 341 | Simplified analytical model to assess key factors influenced by fiber alignment and their effect on tensile performance of UHPC | CEMENT & CONCRETE COMPOSITES | SCI和EI同时收录 | Khayat, KH | 127: 104395 | DOI: 10.1016/j.cemconcomp.2021.104395 | 2022 |
| 342 | Direct Synthesis of Bienzyme-like Carbide-derived Carbons via Mild Electrochemical Oxidation of Ti3AlC2 MAX | BIOMEDICAL AND ENVIRONMENTAL SCIENCES | SCI收录 | Xu Yuanhong | 35:3 | 215/DOI: 10.3967/bes2022.030 | 2022 |
| 343 | Enhanced Performance of Carbon-Selenide Composite with La0.9Ce0.1NiO3 Perovskite Oxide for Outstanding Counter Electrodes in Platinum-Free Dye-Sensitized Solar Cells | NANOMATERIALS | SCI收录 | 向万春; 赵修建 | 12:6 | DOI: 10.3390/nano12060961 | 2022 |
| 344 | Effect of Curing Regime on the Mechanical Strength, Hydration, and Microstructure of Ecological Ultrahigh-Performance Concrete (EUHPC) | MATERIALS | SCI收录 | 陈潇,李北星 | 15:5 | DOI: 10.3390/ma15051668 | 2022 |
| 345 | Evaluation on the Performance of Hydraulic Bitumen Binders under High and Low Temperatures for Pumped Storage Power Station Projects | MATERIALS | SCI收录 | 磨炼同 | 15:5 | DOI: 10.3390/ma15051890 | 2022 |
| 346 | Effect of Se on Structure and Electrical Properties of Ge-As-Te Glass | MATERIALS | SCI收录 | 许银生 | 15:5 | DOI: 10.3390/ma15051797 | 2022 |
| 347 | Increasing unsaturated Se number and facilitating atomic hydrogen adsorption of WSe2+x nanodots for improving photocatalytic H-2 production of TiO2 | JOURNAL OF MATERIALS CHEMISTRY A | SCI收录 | 余火根 | 10:14 | 7989-7998 /DOI: 10.1039/d2ta00686c | 2022 |
| 348 | Spherical Ni3S2/Fe-NiPx Magic Cube with Ultrahigh Water/Seawater Oxidation Efficiency | ADVANCED SCIENCE | SCI收录 | 木士春 | 9:7 | DOI: 10.1002/advs.202104846 | 2022 |
| 349 | Trimetallic Sulfide Hollow Superstructures with Engineered d-Band Center for Oxygen Reduction to Hydrogen Peroxide in Alkaline Solution | ADVANCED SCIENCE | SCI收录 | 刘超; Yu Chengzhong,赵焱 | 9:12 | DOI: 10.1002/advs.202104768 | 2022 |
| 350 | Chloride binding behaviors of alumina-rich pozzolan-lime mixtures | MATERIALS AND STRUCTURES | SCI和EI同时收录 | 高旭; Gu Qian | 55:2 | DOI: 10.1617/s11527-022-01878-z | 2022 |
| 351 | Assessment on Steel Slag-Based SMA-5 and AC-5 Asphalt Mixtures for Maintenance and Induction Heating | JOURNAL OF MATERIALS IN CIVIL ENGINEERING | SCI收录 | Gan Wenxia | 34:3 | DOI: 10.1061/(ASCE)MT.1943-5533.0004113 | 2022 |
| 352 | Additive-mediated intercalation and surface modification of MXenes | CHEMICAL SOCIETY REVIEWS | SCI收录 | Jiang Jizhou,Alshareef Husam N,Zhang Yizhou,Zhai Tianyou | 51:8 | 2972-2990 /DOI: 10.1039/d0cs01487g | 2022 |
| 353 | Comprehending the stability of Sr2+ immobilization in chemically bonded phosphate ceramic system: A mechanism study | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 李相国;吕阳 | 48:7 | 10209-10219 /DOI: 10.1016/j.ceramint.2021.12.234 | 2022 |
| 354 | Oxidation resistance of SiCf/SiC composites with three-layer environmental barrier coatings up to 1360 degrees C in air atmosphere | CERAMICS INTERNATIONAL | SCI收录 | 曹学强 | 48:7 | 9610-9620/DOI: 10.1016/j.ceramint.2021.12.159 | 2022 |
| 355 | Effect of sulfonated acetone formaldehyde on the properties of high-fluid backfill materials | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 蹇守卫 | 327: 126795 | DOI: 10.1016/j.conbuildmat.2022.126795 | 2022 |
| 356 | Gold-Based Double Perovskite-Related Polymorphs: Low Dimensional with an Ultranarrow Bandgap | CHEMISTRY OF MATERIALS | SCI和EI同时收录 | Gao Peng | 34:4 | 1544-1553/DOI: 10.1021/acs.chemmater.1c03195 Published: FEB 22 2022 | 2022 |
| 357 | Mapping Hydrogen Evolution Activity Trends of Intermetallic Pt-Group Silicides | ACS CATALYSIS | SCI和EI同时收录 | 木士春 | 12:4 | 2623-2631 /DOI: 10.1021/acscatal.1c05175 Published: FEB 18 2022 | 2022 |
| 358 | Electronic Regulation of ZnCo Dual-Atomic Active Sites Entrapped in 1D@2D Hierarchical N-Doped Carbon for Efficient Synergistic Catalysis of Oxygen Reduction in Zn-Air Battery | SMALL | SCI收录 | Zhang Lu; Wang Aijun | 18:14 | DOI: 10.1002/smll.202107141 | 2022 |
| 359 | Construction of a Bismuthene/CsPbBr3 Quantum Dot S-Scheme Heterojunction and Enhanced Photocatalytic CO2 Reduction | JOURNAL OF PHYSICAL CHEMISTRY C | SCI和EI同时收录 | 刘曰利 | 126:6 | 3087-3097 /DOI: 10.1021/acs.jpcc.1c10729 Published: FEB 17 2022 | 2022 |
| 360 | Insights into the sinterability and electrical properties of Li1.3Al0.3Ti1.7(PO4)(3)-(Li2CO3 center dot Bi2O3) composite electrolytes | CERAMICS INTERNATIONAL | SCI收录 | 赵修建 | 48:6 | 8387-8394 /DOI: 10.1016/j.ceramint.2021.12.045 | 2022 |
| 361 | A light-heat synergism in the sub-bandgap photocatalytic response of pristine TiO2: a study of in situ diffusion reflectance and conductance | PHYSICAL CHEMISTRY CHEMICAL PHYSICS | SCI收录 | 刘保顺 | 24:9 | 5618-5626 /DOI: 10.1039/d1cp04941k | 2022 |
| 362 | Complex permittivity-dependent plasma confinement-assisted growth of asymmetric vertical graphene nanofiber membrane for high-performance Li-S full cells | INFOMAT | SCI收录 | Zhang Peng | 4:7 | DOI: 10.1002/inf2.12294 | 2022 |
| 363 | Characterization and reactivity of Nepali clays as supplementary cementitious material | CASE STUDIES IN CONSTRUCTION MATERIALS | SCI收录 | 胡传林 | 16: e00947 | DOI: 10.1016/j.cscm.2022.e00947 | 2022 |
| 364 | Dispersing silica fume in cementitious materials by silane copolymerized polycarboxylate Superplasticizer: On the role of dispersion effectiveness as a function of silane concentration | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 黄健 | 326: 126832 | DOI: 10.1016/j.conbuildmat.2022.126832 | 2022 |
| 365 | Ceramic-molten salt composites (CPCMs) for high-temperature thermal energy storage: Improving sinterability and thermal stability by using solid wastes as skeletons | SOLAR ENERGY MATERIALS AND SOLAR CELLS | SCI收录 | Zhang Chen | 238: 111651 | DOI: 10.1016/j.solmat.2022.111651 | 2022 |
| 366 | Study on properties and improving mechanism of OGFC-13 asphalt mixtures modified by novel rubber pellets | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谢君 | 325: 126799 | DOI: 10.1016/j.conbuildmat.2022.126799 | 2022 |
| 367 | Harmless treatment and environmentally friendly application of waste tires-TPCB/TPO composite-modified bitumen | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | Li Yuanyuan; Bai Tao | 325: 126785 | DOI: 10.1016/j.conbuildmat.2022.126785 | 2022 |
| 368 | Significantly enhancing the solar fuel production rate and catalytic durability for photothermocatalytic CO2 reduction by a synergetic effectbetween Pt and Co doped Al2O3 nanosheets | JOURNAL OF MATERIALS CHEMISTRY A | SCI和EI同时收录 | 李远志 | 10:13 | 7099-7110 /DOI: 10.1039/d2ta00211f | 2022 |
| 369 | The controlled in-situ growth of silver-halloysite nanostructure via interaction bonds to reinforce a novel polybenzoxazine composite resin and improve its antifouling and anticorrosion properties | COMPOSITES SCIENCE AND TECHNOLOGY | SCI和EI同时收录 | Song Guangling | 221: 109312 | DOI: 10.1016/j.compscitech.2022.109312 | 2022 |
| 370 | Accurate redox potentials for solvents in Li-metal batteries and assessment of density functionals | INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY | SCI和EI同时收录 | 赵焱 | 122:10 | DOI: 10.1002/qua.26886 | 2022 |
| 371 | A "Three-Region" Configuration for Enhanced Electrochemical Kinetics and High-Areal Capacity Lithium-Sulfur Batteries | ADVANCED FUNCTIONAL MATERIALS | SCI收录 | Shao Guosheng; Zhang Peng,Ding Bin | 32:19 | DOI: 10.1002/adfm.202200302 | 2022 |
| 372 | Calcium-silicate-hydrates/polycarboxylate ether nanocomposites doped by magnesium: Enhanced stability and accelerating effect on cement hydration | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI和EI同时收录 | 胡传林 | 105:7 | 4930-4941 /DOI: 10.1111/jace.18383 | 2022 |
| 373 | The effect of TiO2 and B2O3 on sintering behavior and crystallization behavior of SrO-BaO-B2O3-SiO2 glass-ceramics | CERAMICS INTERNATIONAL | SCI收录 | 何峰 | 48:5 | 7013-7023 /DOI: 10.1016/j.ceramint.2021.11.259 | 2022 |
| 374 | Compatible performance of low thermal conductivity and high infrared radiation of Sm2O3-HfO2 series ceramics applied for thermal protection coatings | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 董淑娟; 曹学强 | 48:5 | 6372-6384/DOI: 10.1016/j.ceramint.2021.11.180 | 2022 |
| 375 | Water vapor corrosion resistance and failure mechanism of SiCf/SiC composites completely coated with plasma sprayed tri-layer EBCs | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 曹学强 | 48:5 | 7082-7092 /DOI: 10.1016/j.ceramint.2021.11.267 | 2022 |
| 376 | Improved polyhydroxybutyrate production by Cupriavidus necator and the photocatalyst graphitic carbon nitride from fructose under low light intensity | INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES | SCI收录 | Tremblay, PL; 张甜 | 203: 526-534 | 526-534 /DOI: 10.1016/j.ijbiomac.2022.01.179 | 2022 |
| 377 | The effects of biomineralization on the localised phase and microstructure evolutions of bacteria-based self-healing cementitious composites | CEMENT & CONCRETE COMPOSITES | SCI收录 | Ke Xinyuan; Paine Kevin | 128: 104421 | DOI: 10.1016/j.cemconcomp.2022.104421 | 2022 |
| 378 | Uniformly assembly of filamentous phage/SiO2 composite films with tunable chiral nematic structures in capillary confinement | APPLIED SURFACE SCIENCE | SCI和EI同时收录 | Ping Hang; 傅正义 | 584: 152629 | DOI: 10.1016/j.apsusc.2022.152629 | 2022 |
| 379 | Hexamethyldisilazane-assisted Mn2+ doping of perovskite nanocrystals under ambient conditions | CRYSTENGCOMM | SCI和EI同时收录 | 韩建军;谢毅 | 24:9 | 1803-1811/DOI: 10.1039/d1ce01548f | 2022 |
| 380 | Effects of a Water-Glass Module on Compressive Strength, Size Effect and Stress-Strain Behavior of Geopolymer Recycled Aggregate Concrete | CRYSTALS | SCI收录 | Dai Min; Ding Zhaoyang | 12:2 | DOI: 10.3390/cryst12020218 | 2022 |
| 381 | Investigation on high energy storage properties in La3+-doped 0.88PMN-0.12PT relaxor ferroelectric films | SURFACES AND INTERFACES | SCI收录 | Huang Duanping,Liu Xiaofang | 28: 101670 | DOI: 10.1016/j.surfin.2021.101670 | 2022 |
| 382 | Microalgae fuel cells enhanced biodegradation of imidacloprid by Chlorella sp. | BIOCHEMICAL ENGINEERING JOURNAL | SCI和EI同时收录 | Wu Li | 179: 108327 | DOI: 10.1016/j.bej.2021.108327 | 2022 |
| 383 | Compressive fatigue behavior and failure evolution of additive fiber-reinforced cemented tailings composites | INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS | SCI和EI同时收录 | Cao Shuai,Yilmaz Erol | 29:2 | 345-355/DOI: 10.1007/s12613-021-2351-x | 2022 |
| 384 | Effect of Ageing on Self-Healing Properties of Asphalt Concrete Containing Calcium Alginate/Attapulgite Composite Capsules | MATERIALS | SCI收录 | 刘全涛; Wan, Pei | 15:4 | DOI: 10.3390/ma15041414 | 2022 |
| 385 | Long Spiky Au-Ag Nanostar Based Fiber Probe for Surface Enhanced Raman Spectroscopy | MATERIALS | SCI收录 | 张继红 | 15:4 | DOI: 10.3390/ma15041498 | 2022 |
| 386 | Preparation and Comprehensive Properties of a High-Radiation-Shielding UHPC by Using Magnetite Fine Aggregate | MATERIALS | SCI收录 | Lv Yajun,Li Guo | 15:3 | DOI: 10.3390/ma15030978 | 2022 |
| 387 | Mechanism and Performance of Bituminous Mixture Using 100% Content RAP with Bio-Rejuvenated Additive (BRA) | MATERIALS | SCI收录 | 李元元 | 15:3 | DOI: 10.3390/ma15030723 | 2022 |
| 388 | The Mechanical Resistance of Asphalt Mixture with Steel Slag to Deformation and Skid Degradation Based on Laboratory Accelerated Heavy Loading Test | MATERIALS | SCI收录 | 吴少鹏 | 15:3 | DOI: 10.3390/ma15030911 | 2022 |
| 389 | Low-Alite Portland Cement in Steam-Curing Condition: Long-Term Compressive Strength and Permeability | JOURNAL OF MATERIALS IN CIVIL ENGINEERING | SCI收录 | Huang Xiao | 34:2 | DOI: 10.1061/(ASCE)MT.1943-5533.0004079 | 2022 |
| 390 | Treatment of petroleum hydrocarbon contaminated soil by basic oxygen furnace slag activated persulfate oxidation in presence of electromagnetic induction heating | JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING | SCI和EI同时收录 | Wang Teng | 10:2 | DOI: 10.1016/j.jece.2022.107267 | 2022 |
| 391 | A Novel Synergetic Effect Between Ru and CeO2 Nanoparticles Leads to Highly Efficient Photothermocatalytic CO2 Reduction by CH4 with Excellent Coking Resistance | SOLAR RRL | SCI和EI同时收录 | 李远志 | 6 | Issue: 6 Article Number: 2101064 | 2022 |
| 392 | Shedding light on the energy applications of emerging 2D hybrid organic-inorganic halide perovskites | ISCIENCE | SCI收录 | 李能,Lan Zhigao,Jiang Jizhou | 25:2 | DOI: 10.1016/j.isci.2022.103753 | 2022 |
| 393 | A facile surface alloy-engineering route to enable robust lithium metal anodes | PHYSICAL CHEMISTRY CHEMICAL PHYSICS | SCI和EI同时收录 | 赵焱,Zhao Kangning | 24:8 | 4751-4758 /DOI: 10.1039/d1cp04920h | 2022 |
| 394 | Enhancement of compressive strength of high-volume fly ash cement paste by wet grinded cement: Towards low carbon cementitious materials | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋 | 323: 126458 | DOI: 10.1016/j.conbuildmat.2022.126458 | 2022 |
| 395 | Morphological characteristics of mineral filler and their influence on active adhesion between aggregates and bitumen | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 肖月,Wang Ning | 323: 126520 | DOI: 10.1016/j.conbuildmat.2022.126520 | 2022 |
| 396 | Tunable Ru-Ru2P heterostructures with charge redistribution for efficient pH-universal hydrogen evolution | INFOMAT | SCI收录 | 木士春 | 4:5: e12287 | DOI: 10.1002/inf2.12287 | 2022 |
| 397 | CsPbBr3 nanocrystal-embedded glasses for luminescent solar concentrators | SOLAR ENERGY MATERIALS AND SOLAR CELLS | SCI和EI同时收录 | 刘超 | 238: 111619 | DOI: 10.1016/j.solmat.2022.111619 | 2022 |
| 398 | Consensus statement: Standardized reporting of power-producing luminescent solar concentrator performance | JOULE | SCI收录 | Lunt RR | 6:1 | 8-15 /DOI: 10.1016/j.joule.2021.12.004 | 2022 |
| 399 | Novel Two-Dimensional Metal-Based pi-d Conjugated Nanosheets as Photocatalyst for Nitrogen Reduction Reaction: The First-Principle Investigation | ACS APPLIED MATERIALS & INTERFACES | SCI收录 | Wang Zhaoyang; 赵焱 | 14:4 | 5384-5394 /DOI: 10.1021/acsami.1c21789 | 2022 |
| 400 | An efficient, green and sustainable potassium hydroxide activated magnetic corn cob biochar for imidacloprid removal | CHEMOSPHERE | SCI和EI同时收录 | Zhang Zulin | 291: 132707 | DOI: 10.1016/j.chemosphere.2021.132707 | 2022 |
| 401 | Optimized tellurite glasses containing CsPbBr3-quantum dots for white-light emitting diodes | JOURNAL OF NON-CRYSTALLINE SOLIDS | SCI和EI同时收录 | Niu, LY; Ren, J; Zhang, JZ | 581: 121429 | DOI: 10.1016/j.jnoncrysol.2022.121429 | 2022 |
| 402 | A counter electrode modified with renewable carbonized biomass for an all-inorganic CsPbBr3 perovskite solar cell | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | Tremblay, PL; 张甜 | 902: 163725 | DOI: 10.1016/j.jallcom.2022.163725 | 2022 |
| 403 | Efficient adsorptive removal of fluoroquinolone antibiotics from water by alkali and bimetallic salts co-hydrothermally modified sludge biochar | ENVIRONMENTAL POLLUTION | SCI和EI同时收录 | Zhang Zulin | 298 | DOI: 10.1016/j.envpol.2022.118833 | 2022 |
| 404 | Analysis on factors affecting the cooling effect of optical shielding in pavement coatings | BUILDING AND ENVIRONMENT | SCI收录 | Hu Yongping | 211: 108766 | DOI: 10.1016/j.buildenv.2022.108766 | 2022 |
| 405 | Synthesis and study of novel erbium-doped La2O3-Al2O3 glasses for on-chip waveguide amplifier | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | Zhang Mingjie,Chen Yuanzhi,Li Zhaohui | 899: 162915 | DOI: 10.1016/j.jallcom.2021.162915 | 2022 |
| 406 | 2D WO3-x Nanosheet with Rich Oxygen Vacancies for Efficient Visible-Light-Driven Photocatalytic Nitrogen Fixation | LANGMUIR | SCI和EI同时收录 | Li Yuan;张高科 | 38:3 | 1178-1187 /DOI: 10.1021/acs.langmuir.1c02862 | 2022 |
| 407 | Electrochemical Ammonia Synthesis via NO Reduction on 2D-MOF | CHEMPHYSCHEM | SCI和EI同时收录 | Qian Yong,李能 | 23:4 | DOI: 10.1002/cphc.202100785 | 2022 |
| 408 | Potential evaluation of waste recycled aggregate concrete for structural concrete aggregate from freeze-thaw environment | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Zhu Pinghua | 321: 126291 | DOI: 10.1016/j.conbuildmat.2021.126291 | 2022 |
| 409 | Dual redox groups enable organic cathode material with a high capacity for aqueous zinc-organic batteries | ELECTROCHIMICA ACTA | SCI和EI同时收录 | 安琴友 | 404: 139620 | DOI: 10.1016/j.electacta.2021.139620 | 2022 |
| 410 | Effect of tricalcium aluminate and nano silica on performance of hemihydrate gypsum | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 谭洪波 | 321: 126362 | DOI: 10.1016/j.conbuildmat.2022.126362 | 2022 |
| 411 | Hybrid structure design, preparation of Ag-GO SERS optical fiber probe and its chemical, electromagnetic enhancement mechanism | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | 李宏 | 901: 163660 | DOI: 10.1016/j.jallcom.2022.163660 | 2022 |
| 412 | Plasmonic Au-Ag alloy nanostars based high sensitivity surface enhanced Raman spectroscopy fiber probes | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | 张继红 | 900: 163345 | DOI: 10.1016/j.jallcom.2021.163345 | 2022 |
| 413 | Synthesis of ZnO/Ti2C composites by electrostatic self-assembly for the photocatalytic degradation of methylene blue | JOURNAL OF MATERIALS SCIENCE | SCI和EI同时收录 | 周卫兵 | 57:6 | 3954-3970 /DOI: 10.1007/s10853-021-06798-x | 2022 |
| 414 | Fundamental Research on the Densification of Alumina Ceramics by Ferrotitanium Slag | JOURNAL OF SUSTAINABLE METALLURGY | SCI和EI同时收录 | 邓腾飞 | 8:1 | 122-134 /DOI: 10.1007/s40831-021-00480-x | 2022 |
| 415 | Influence of fluoride ion on the performance of PCE in hemihydrate gypsum pastes | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 谭洪波 | 46: 103582 | DOI: 10.1016/j.jobe.2021.103582 | 2022 |
| 416 | Effects of Low-Temperature Construction Additives (LCAs) on the Performance of Asphalt Mixtures | MATERIALS | SCI收录 | 陈安琪,吴少鹏 | 15:2 | DOI: 10.3390/ma15020677 | 2022 |
| 417 | Design of unidirectional energy flow film based on micro-prism structure | JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS | SCI和EI同时收录 | 夏志林 | 24:1-2 | 9-14 | 2022 |
| 418 | Strength and impermeability of cement-based materials containing nano silica-polymer composites | ZKG INTERNATIONAL | SCI和EI同时收录 | Mei Junpeng | 75:2 | 46-54 | 2022 |
| 419 | Mechanical properties of roads unbound treated with synthetic fluid based on isoalkane and tall oil | TRANSPORTATION GEOTECHNICS | SCI收录 | Barbieri DM | 32: 100701 | DOI: 10.1016/j.trgeo.2021.100701 Published: JAN 2022 | 2022 |
| 420 | Using passive evaporation to improve radiative cooling performance | JOURNAL OF PHOTONICS FOR ENERGY | SCI收录 | 夏志林,Fan Xiaochun | 12:1 |  | 2022 |
| 421 | EFFECT OF CRYSTALLISATION TEMPERATURE ON LAS TRANSPARENT GLASS-CERAMICS CONTAINING A HIGH Al2O3 CONTENT | CERAMICS-SILIKATY | SCI收录 | 何峰 | 66:2 | 157-166 /DOI: 10.13168/cs.2022.0010 | 2022 |
| 422 | EFFECTS OF THE SiO2-B2O3 RATIO ON THE STRUCTURE AND PROPERTIES OF B2O3-ZnO-SiO2-BaO-LiO2-Al2O3-Na2O-CaO PARENT GLASS AND GLASS-CERAMICS | CERAMICS-SILIKATY | SCI收录 | 何峰 | 66:1 | 104-112 /DOI: 10.13168/cs.2022.0005 | 2022 |
| 423 | Structure and Crystallization of High-Calcium, CMAS Glass Ceramics Synthesized with a High Content of Slag | MATERIALS | SCI收录 | 周明凯 | 15:2 | DOI: 10.3390/ma15020657 | 2022 |
| 424 | Preparation and Characterization of Nano-CaCO3/Ceresine Wax Composite Shell Microcapsules Containing E-44 Epoxy Resin for Self-Healing of Cement-Based Materials | NANOMATERIALS | SCI收录 | Du Wei | 12:2 | DOI: 10.3390/nano12020197 | 2022 |
| 425 | Research on Optimal Placement of Actuators of High-Rise Buildings Considering the Influence of Seismic Excitation on Structural Modes | BUILDINGS | SCI收录 | Li Zhao; 涂建维 | 12:1 | DOI: 10.3390/buildings12010008 | 2022 |
| 426 | Rheological and Chemical Evolution of HMA and WMA Binders Based on Ageing Kinetics | MATERIALS | SCI收录 | 刘刚,Mouillet Virginie | 15:2 | DOI: 10.3390/ma15020679 | 2022 |
| 427 | Particle Distribution Characteristics and Hydration Mechanism of Cement-Based Paste Subjected to Mechanical Vibrations | JOURNAL OF MATERIALS IN CIVIL ENGINEERING | SCI收录 | 孙涛 | 34:1 | DOI: 10.1061/(ASCE)MT.1943-5533.0004020 | 2022 |
| 428 | Mechanical performance, hydration characteristics and microstructures of high volume blast furnace ferronickel slag cement mortar by wet grind ing activation | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 贺行洋 | 320: 126148 | DOI: 10.1016/j.conbuildmat.2021.126148 | 2022 |
| 429 | Preparation of high sphericity monodisperse aluminum microspheres by pulsated orifice ejection method | MATERIALS TODAY COMMUNICATIONS | SCI和EI同时收录 | Li Jianqiang | 30: 103110 | DOI: 10.1016/j.mtcomm.2021.103110 | 2022 |
| 430 | Investigation on mechanical properties of excess-sulfate phosphogypsum slag cement: From experiments to molecular dynamics simulation | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Xu Fang,孙涛 | 315: 125685 | DOI: 10.1016/j.conbuildmat.2021.125685 | 2022 |
| 431 | Life cycle assessment of asphalt and cement pavements: Comparative cases in Shanxi Province | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Zhou, Xingxing | 315: 125738 | DOI: 10.1016/j.conbuildmat.2021.125738 | 2022 |
| 432 | Occurrence and migration laws of water in circulating fluidized bed bottom slag mortar and their influences on mortar properties | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 李北星 | 315: 125748 | DOI: 10.1016/j.conbuildmat.2021.125748 | 2022 |
| 433 | The unification of light weight and ultra-high strength in LWC: A new homogeneity enhancement approach | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Hou, Dongshuai,余睿 | 315: 125647 | DOI: 10.1016/j.conbuildmat.2021.125647 | 2022 |
| 434 | HVOF-Sprayed AlSi50 Alloy Coatings as a Novel Electrothermal Anti-icing/De-icing System for Polymer-based Composite Structures | JOURNAL OF THERMAL SPRAY TECHNOLOGY | SCI收录 | 曹学强,Zhou Xin | 31:3 | 658-658 /DOI: 10.1007/s11666-021-01274-z | 2022 |
| 435 | Highly efficient tandem luminescent solar concentrators based on eco-friendly copper iodide based hybrid nanoparticles and carbon dots | ENERGY & ENVIRONMENTAL SCIENCE | SCI和EI同时收录 | 龚晓 | 15:2 | 799-805 /DOI: 10.1039/d1ee02554f | 2022 |
| 436 | Carbon dots/ZnO quantum dots composite-based white phosphors for white light-emitting diodes | CHEMICAL COMMUNICATIONS | SCI和EI同时收录 | 龚晓 | 58:12 | 1910-1913 /DOI: 10.1039/d1cc06180a | 2022 |
| 437 | Excellent sulfur tolerance performance over Fe-SO4/TiO2 catalysts for NH3-SCR: Influence of sulfation and Fe-based sulfates | JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING | SCI和EI同时收录 | 谢峻林 | 10:1 | DOI: 10.1016/j.jece.2021.107038 | 2022 |
| 438 | One-step fabrication of eco-friendly superhydrophobic fabrics for high-efficiency oil/water separation and oil spill cleanup | NANOSCALE | SCI和EI同时收录 | 龚晓 | 14:4 | 1296-1309/DOI: 10.1039/d1nr07111d | 2022 |
| 439 | Direct design of cage-like bimetallic NiFe hydroxides with regulated electron structure to boost the kinetic activity of oxygen evolution | APPLIED SURFACE SCIENCE | SCI收录 | Yang Tong; 赵焱 | 579: 152235 | DOI: 10.1016/j.apsusc.2021.152235 | 2022 |
| 440 | Coordination environments tune the activity of oxygen catalysis on single atom catalysts: A computational study | NANO RESEARCH | SCI和EI同时收录 | Liao Xiaobin; Wang Zhaoyang; 赵焱 | 15:4 | 3073-3081 /DOI: 10.1007/s12274-021-3964-0 | 2022 |
| 441 | Revealing the microstructure-related light-induced degradation for all-polymer solar cells based on regioisomerized end-capping group acce | JOURNAL OF MATERIALS CHEMISTRY C | SCI收录 | Min Jie | 10:4 | 1246-1258 /DOI: 10.1039/d1tc05030c | 2022 |
| 442 | Visible-NIR light-responsive 0D/2D CQDs/Sb2WO6 nanosheets with enhanced photocatalytic degradation performance of RhB: Unveiling the dual roles of CQDs and mechanism study | JOURNAL OF HAZARDOUS MATERIALS | SCI和EI同时收录 | 张高科 | 424: 127595 | DOI: 10.1016/j.jhazmat.2021.127595 | 2022 |
| 443 | Investigation on strength and failure behavior of ceramic foams prepared from silicoaluminous industrial waste under uniaxial compression | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | Zhang Ying | 317: 125912 | DOI: 10.1016/j.conbuildmat.2021.125912 | 2022 |
| 444 | XPS studies of surface oxidation of metal carbides | FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES | SCI和EI同时收录 | Lv Caihong | 30:7 | 718-726 /DOI: 10.1080/1536383X.2021.2014456 Early Access Da | 2022 |
| 445 | Bandgap modulation of ZnO/ZnS heterostructures through ion exchange and their efficient transport properties | VACUUM | SCI和EI同时收录 | Qiao Fen,Chu Huaqiang | 196: 110788 | DOI: 10.1016/j.vacuum.2021.110788 | 2022 |
| 446 | Recent progress of transparent conductive electrodes in the construction of efficient flexible organic solar cells | INTERNATIONAL JOURNAL OF ENERGY RESEARCH | SCI收录 | Qiao Fen,Chu Huaqiang,谢毅 | 46:4 | 4071-4087 /DOI: 10.1002/er.7516 | 2022 |
| 447 | Effect of organic alkali on hydration of GGBS-FA blended cementitious material activated by sodium carbonate | CERAMICS INTERNATIONAL | SCI和EI同时收录 | 谭洪波,贺行洋 | 48:2 | 1611-1621 /DOI: 10.1016/j.ceramint.2021.09.240 | 2022 |
| 448 | Preparation and characterization of corundum ceramics doped with Fe2O3 and TiO2 for high temperature thermal storage | CERAMICS INTERNATIONAL | SCI和EI同时收录 | Zhang Qiankun | 48:2 | 1820-1826 /DOI: 10.1016/j.ceramint.2021.09.263 | 2022 |
| 449 | CoTe2-NiTe2 heterojunction directly grown on CoNi alloy foam for efficient oxygen evolution reaction | INORGANIC CHEMISTRY FRONTIERS | SCI和EI同时收录 | 熊德华 | 9:2 | 332-342 /DOI: 10.1039/d1qi00902h | 2022 |
| 450 | Influences of Al2O3 content on crystallization and physical properties of LAS glass-ceramics prepared from spodumene | JOURNAL OF NON-CRYSTALLINE SOLIDS | SCI和EI同时收录 | 何峰 | 576: 121256 | DOI: 10.1016/j.jnoncrysol.2021.121256 | 2022 |
| 451 | Simultaneously Optimizing the Number and Efficiency of Active Se Sites in Se-Rich a-MoSex Nanodot Cocatalysts for Efficient Photocatalytic H-2 Evolution | SOLAR RRL | SCI收录 | 余火根,Fan, Jiajie | 6:1 | DOI:: NOV 2021 Published: JAN 2022 | 2022 |
| 452 | Mechanical properties and hydration process of steel slag-cement binder containing nano-SiO2 | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 马保国 | 314: 125660 | DOI: 10.1016/j.conbuildmat.2021.125660 | 2022 |
| 453 | Study on the effect of calcium and sulfur content on the properties of fly ash based geopolymer | CONSTRUCTION AND BUILDING MATERIALS | SCI和EI同时收录 | 陈潇 | 314: 125650 | DOI: 10.1016/j.conbuildmat.2021.125650 | 2022 |
| 454 | Microstructure and mechanical properties of sustainable cementitious materials with ultra-high substitution level of calcined clay and limesto | CONSTRUCTION AND BUILDING MATERIALS | SCI收录 | 胡传林, Yu Jing | 314: 125416 | DOI: 10.1016/j.conbuildmat.2021.125416 | 2022 |
| 455 | Plasmon-assisted facile selective gaseous isopropanol dehydrogenation over Ag nanocubes | CATALYSIS SCIENCE & TECHNOLOGY | SCI和EI同时收录 | 刘保顺 | 12:1 | 94-104 /DOI: 10.1039/d1cy01454d | 2022 |
| 456 | Enhanced hydrogen evolution under visible light by a ternary composite photocatalyst made of CdS and MoS2 modified with bacterial cellulose aerogelne powder | CELLULOSE | SCI收录 | Tremblay, PL; 张甜 | 29:1 | 175-191 /DOI: 10.1007/s10570-021-04284-w | 2022 |
| 457 | Measuring aggregate morphologies based on three-dimensional curvature analysis | COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING | SCI和EI同时收录 | 肖月; Cui Peide | 37:13 | 1674-1686 /DOI: 10.1111/mice.12789 | 2022 |
| 458 | Effect of sodium carbonate and sodium phosphate on hydration of cement paste | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 谭洪波 | 45: 103577 | DOI: 10.1016/j.jobe.2021.103577 | 2022 |
| 459 | Facilitating the acidic oxygen reduction of Fe-N-C catalysts by fluorine-doping | MATERIALS HORIZONS | SCI收录 | Zhou Yazhou,Kramm Ulrike I | 9:1 | 417-424 /DOI: 10.1039/d1mh01307f | 2022 |
| 460 | Re volatilization at elevated temperatures: Interest of Re-doped SnO2 for nuclear waste vitrification | JOURNAL OF NUCLEAR MATERIALS | SCI和EI同时收录 | 徐凯 | 558: 153372 | DOI: 10.1016/j.jnucmat.2021.153372 | 2022 |
| 461 | Cyano group-enriched crystalline graphitic carbon nitride photocatalyst: Ethyl acetate-induced improved ordered structure and efficient hydrogen-evolution activity | JOURNAL OF COLLOID AND INTERFACE SCIENCE | SCI和EI同时收录 | 余火根,Liu Yongping | 608：1268-1277 | 1268-1277 /1268-1277 /DOI: 10.1016/j.jcis.2021.10.108 | 2022 |
| 462 | Early-age hydration process and autogenous shrinkage evolution of high performance cement pastes | JOURNAL OF BUILDING ENGINEERING | SCI和EI同时收录 | 李相国;吕阳 | 45: 103436 | DOI: 10.1016/j.jobe.2021.103436 | 2022 |
| 463 | Synthesis of Graphite Doped TiO2 Nanotubes, and Their Structural, Electronic, and Photocatalytic Characterization | ELECTRONIC MATERIALS LETTERS | SCI收录 | Ali Tariq,Maqbool Muhammad | 18:1 | DOI: 10.1007/s13391-021-00317-5 | 2022 |
| 464 | Property enhancement in flexible poly(vinylidene fluoride)-based piezoelectric films with large-area preparation | JOURNAL OF APPLIED POLYMER SCIENCE | SCI和EI同时收录 | 孙华君;Zhu Quanyao | 139:9 | DOI: 10.1002/app.51698 | 2022 |
| 465 | Improved open-circuit voltage of CsPbI3 quantum dot solar cells by PMMA interlayer | JOURNAL OF ALLOYS AND COMPOUNDS | SCI和EI同时收录 | 刘曰利 | 891: 161985 | DOI: 10.1016/j.jallcom.2021.161985 | 2022 |
| 466 | Single-atom V-N charge-transfer bridge on ultrathin carbon nitride for efficient photocatalytic H2 production and formaldehyde oxidation under visible light | CHEMICAL ENGINEERING JOURNAL | SCI收录 | 张高科 | 429: 132229 | DOI: 10.1016/j.cej.2021.132229 | 2022 |
| 467 | Study on flexible large-area Poly(vinylidene fluoride)-based piezoelectric films prepared by extrusion-casting process for sensors and microactuators | MATERIALS CHEMISTRY AND PHYSICS | SCI和EI同时收录 | 孙华君;Zhu Quanyao | 275: 125221 | DOI: 10.1016/j.matchemphys.2021.125221 | 2022 |
| 468 | Fabrication of 1D/2D BiPO4/g-C3N4 heterostructured photocatalyst with enhanced photocatalytic efficiency for NO removal | CHEMOSPHERE | SCI收录 | 张高科 | 287: 132098 | DOI: 10.1016/j.chemosphere.2021.132098 | 2022 |
| 469 | Adsorption behavior of carbonic acid on gamma-dicalcium silicate surface from molecular simulations | JOURNAL OF THE AMERICAN CERAMIC SOCIETY | SCI收录 | 吕林女;何永佳 | 105:1 | 564-576 /DOI: 10.1111/jace.18081 | 2022 |
| 470 | Study of the self-healing properties of aged asphalt-binder regenerated using residual soybean-oil | JOURNAL OF APPLIED POLYMER SCIENCE | SCI和EI同时收录 | Zhang Xiaorui | 139:3 | DOI: 10.1002/app.51523 | 2022 |
| 471 | Preparation of Mesoporous MnO2 Catalysts with Different Morphologies for Catalytic Ozonation of Organic Compounds | CATALYSIS LETTERS | SCI和EI同时收录 | Liao Xiaoyuan | 152:5 | 1441-1450 /DOI: 10.1007/s10562-021-03745-y | 2022 |
| 472 | Air pollution perception in ten countries during the COVID-19 pandemic | AMBIO | SCI收录 | Lou Baowen,Barbieri Diego Maria | 51:3 | 531-545 /DOI: 10.1007/s13280-021-01574-2 | 2022 |
| 473 | Effect of acid treatment on surfaces of activated carbon supported catalysts for NO and SO2 removal | FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES | SCI和EI同时收录 | 何峰 | 30:2 | 297-305 /DOI: 10.1080/1536383X.2021.1938000 Early Access Da | 2022 |
| 474 | Ultrasonic-assisted soldering for graphite films as heat sinks with durably superior heat dissipating efficiency | ADVANCED COMPOSITES AND HYBRID MATERIALS | SCI和EI同时收录 | Xiao Yong,何大平 | 5:3 | 2154-2162 /DOI: 10.1007/s42114-021-00255-8 | 2022 |
| 475 | Investigation on rheological properties of bitumen based on rheological parameters of maltenes | ROAD MATERIALS AND PAVEMENT DESIGN | SCI和EI同时收录 | 谢君 | 23:4 | 942-957 /DOI: 10.1080/14680629.2020.1860805 | 2022 |
| 476 | Multi-scale analysis of moisture diffusion and distribution in different types of asphalt mixtures | INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING | SCI和EI同时收录 | Zhou, Xingxing | 23:2 | 187-196 /DOI: 10.1080/10298436.2020.1736295 Early Access Dat | 2022 |
| 477 | Sb-based photocatalysts for degradation of organic pollutants: A review | JOURNAL OF CLEANER PRODUCTION | SCI收录 | Wang Junting,张高科 | 367: 133060 | DOI: 10.1016/j.jclepro.2022.133060 Published: SEP 20 2022 | 2022 |
| 478 | A two-stage process for the autotrophic and mixotrophic conversion of C1 gases into bacterial cellulose | BIORESOURCE TECHNOLOGY | SCI收录 | 张甜 | 361: 127711 | DOI: 10.1016/j.biortech.2022.127711 | 2022 |
| 479 | Effective Passivation with Size-Matched Alkyldiammonium Iodide for High-Performance Inverted Perovskite Solar Cells | ADVANCED FUNCTIONAL MATERIALS | SCI收录 | Liu Zonghao,陈伟,Zhao Yan | 32:38 | DOI: 10.1002/adfm.202205009 | 2022 |
| 480 | Effective Passivation with Size-Matched Alkyldiammonium Iodide for High-Performance Inverted Perovskite Solar Cells | ADVANCED FUNCTIONAL MATERIALS | SCI收录 | Liu Zonghao,陈伟,Zhao Yan | 32:38 | DOI: 10.1002/adfm.202205009 | 2022 |
| 481 | Pb(In-1/Nb-2(1)/(2))O-3-PbZrO3-PbTiO 3 ternary ceramics with temperature-insensitive and superior piezoelectric property | JOURNAL OF THE EUROPEAN CERAMIC SOCIETY | SCI收录 | 郝华,张树君 | 42:9 | 3848-3856/DOI: 10.1016/j.jeurceramsoc.2022.03.016 | 2022 |
| 482 | Effect of carbon nanotube and graphite nanoplatelet on composition, structure, and nano-mechanical properties of C-S-H in UHPC | CEMENT AND CONCRETE RESEARCH | SCI收录 | Gao Xiaojian,Khayat Kamal H | 154: 106713 | DOI: 10.1016/j.cemconres.2022.106713 | 2022 |
| 483 | Density Functional Theory for Electrocatalysis | ENERGY & ENVIRONMENTAL MATERIALS | SCI收录 | Wang Zhaoyang, 赵焱 | 5:1 | 157-185 /DOI: 10.1002/eem2.12204 | 2022 |
| 477 | Sb-based photocatalysts for degradation of organic pollutants: A review | JOURNAL OF CLEANER PRODUCTION | SCI收录 | Wang Junting,张高科 | 367: 133060 | DOI: 10.1016/j.jclepro.2022.133060 Published: SEP 20 2022 | 2022 |
| 478 | A two-stage process for the autotrophic and mixotrophic conversion of C1 gases into bacterial cellulose | BIORESOURCE TECHNOLOGY | SCI收录 | 张甜 | 361: 127711 | DOI: 10.1016/j.biortech.2022.127711 | 2022 |
| 479 | Effective Passivation with Size-Matched Alkyldiammonium Iodide for High-Performance Inverted Perovskite Solar Cells | ADVANCED FUNCTIONAL MATERIALS | SCI收录 | Liu Zonghao,陈伟,Zhao Yan | 32:38 | DOI: 10.1002/adfm.202205009 | 2022 |
| 480 | Effective Passivation with Size-Matched Alkyldiammonium Iodide for High-Performance Inverted Perovskite Solar Cells | ADVANCED FUNCTIONAL MATERIALS | SCI收录 | Liu Zonghao,陈伟,Zhao Yan | 32:38 | DOI: 10.1002/adfm.202205009 | 2022 |
| 481 | Pb(In-1/Nb-2(1)/(2))O-3-PbZrO3-PbTiO 3 ternary ceramics with temperature-insensitive and superior piezoelectric property | JOURNAL OF THE EUROPEAN CERAMIC SOCIETY | SCI收录 | 郝华,张树君 | 42:9 | 3848-3856/DOI: 10.1016/j.jeurceramsoc.2022.03.016 | 2022 |
| 482 | Effect of carbon nanotube and graphite nanoplatelet on composition, structure, and nano-mechanical properties of C-S-H in UHPC | CEMENT AND CONCRETE RESEARCH | SCI收录 | Gao Xiaojian,Khayat Kamal H | 154: 106713 | DOI: 10.1016/j.cemconres.2022.106713 | 2022 |
| 483 | Density Functional Theory for Electrocatalysis | ENERGY & ENVIRONMENTAL MATERIALS | SCI收录 | Wang Zhaoyang, 赵焱 | 5:1 | 157-185 /DOI: 10.1002/eem2.12204 | 2022 |
| 484 | Corrosion of Thermal Barrier Coatings for Gas Turbines by Air Pollution | SSRN | EI收录 | 曹学强 , Wang Jinshuang, Liu Li, Lu Guoqiang, Wang Lu, Deng Longhui, Zhang Yixing, Jiang Jianing, Cao Qin, Dong Shujuan, Chen Wenbo , Yuan Fuhe | JTh3B.6 | 2022 | 484 |
| 485 | Influence of Stabilizers on Hydrothermal Behavior of Zirconia Coatings by Aps | SSRN | EI收录 | Zhu Runwu, Chen Wenbo , Li Jinming, Hu Qing, Lu Xiangrong, Xu Mingyi, Huang Jingqi, Tu Yunwei, Jiang Jianing, Deng Longhui, Dong Shujuan, Liu Li, 曹学强 | 15565068 | 2022 | 485 |
| 486 | Mechanical and Thermophysical Properties of Rare-Earth Aluminate Glasses and Melts | SSRN | EI收录 | Shan Zhitao, Liu Shujiang, Zhang Jiayan , Zheng Qiuju, Zhang Yanfei, Liu Shiquan, Han Xiujun,陶海征 | 15565068 | 2022 | 486 |
| 487 | Three-Dimensional Palm Frondlike Co3o4@Nio/Graphitic Carbon Composite for Photocatalytic Co2 Reduction | SSRN | EI收录 | He Lang, Zhang Wenyuan, Liu Sheng , 赵焱 | 15565068 | 2022 | 487 |
| 488 | Understanding the Effect of Eps Beads on Carbonated Foam Concrete: Performance Improvement and Void Structure/Itz Optimization | SSRN | EI收录 | Lei Ming , Deng Simin , Liu Zhichao , 王发洲, 胡曙光 | 15565068 | 2022 | 488 |
| 489 | La Doping of Manganese Oxide Leads to a Dramatically Promoted Catalytic Performance for Uv-Visible-Infrared Photothermocatalytic Ethyl Acetate Abatement | SSRN | EI收录 | 李远志 , Zhang Yin, Wu Jichun, Cao Huamin, Zhang Long | 15565068 | 2022 | 489 |
| 490 | Physicochemical Characteristics Of High-Content Rubber Modified Bio-Asphalt During Vocs Emission Process Using Molecular Simulation | SSRN | EI收录 | Wang Huoming, Wu Jie, Zhou Xinxing , 刘全涛 | 15565068 | 2022 | 490 |
| 491 | Influence Mechanism of Curing Regimes On Interfacial Transition Zone Of Lightweight Ultra-High Performance Concrete | SSRN | EI收录 | Li Yang , Zhang Gaozhan , Yang Jun , Zhang Jian, 丁庆军 | 15565068 | 2022 | 491 |
| 492 | Efficient Photoluminescence from Cu2+ Doped Znse/Zns Core-Shell Quantum Dots in Silicate Glass | SSRN | EI收录 | Zhang Jicheng, Zhang Zhanmeng, Zhang Shuoshuo, Wang Jing , 韩建军 | 15565068 | 2022 | 492 |
| 493 | Hydration and Microstructure of Ternary High-Ferrite Portland Cement Blends Incorporating a Large Amount of Fly Ash and Limestone Powder | SSRN | EI收录 | Lv Xingdong , 杨露, 王发洲, 胡曙光, Li Jiazheng , Xie Zhiqiang | 15565068 | 2022 | 493 |
| 494 | Au@Ag Core-Shell Nanorods Self-Assembled on Polyelectrolyte Multilayers for Ultrahigh Sensitivity SERS Fiber Probes | SSRN | EI收录 | Wang Wenbo, Xiong Wenhao, Long Yuting, 李宏 | 15565068 | 2022 | 494 |
| 495 | Structure, Sintering Behavior, and Properties of High Electroplating Resistance Ro-Tio2-B2o3-Sio2 Sealing Glass-Ceramics for Silver Paste | SSRN | EI收录 | Zhang Bing, 何峰 , Cao Xiuhua, Wei Mingjie, Jin Qiqi, 谢峻林 | 15565068 | 2022 | 495 |
| 496 | Sustainable Cementitious Material with Ultra-High Content Partially Calcined Limestone-Calcined Clay | SSRN | EI收录 | Qian Xiong , Ruan Yunxing , Jamil Tariq, Hu Chuanlin, 王发洲, 胡曙光 , Liu Yunpeng | 15565068 | 2022 | 496 |
| 497 | Preparation and Thermal Shock Resistance Investigation of Zta-La2o3 Composite Ceramics for Porous Medium Combustion Materials | SSRN | EI收录 | 徐晓虹, Xie Guobin, 吴建锋, Wei Peng, Chen Zhichao, Ma Sitong | 15565068 | 2022 | 497 |
| 498 | Vocs Emission Characteristics of Crumb Rubber Modified Bitumen and its Inhibition by Using Montmorillonite Nanoclay | SSRN | EI收录 | 刘刚, Fang Shuaiyin, Wang Yong, Liu Jinjun, Liang Yangshi, Cao Tingwei | 15565068 | 2022 | 498 |
| 499 | Ion-Exchange Driven Selenylation Engineering to Construct Ni(Oh)2@Cu2se Hetero-Nanocage Electrocatalysts for Advanced Glucose Sensing in Serum and Beverage | SSRN | EI收录 | Yang Tong , Zhang Wenna , Wu Jiashun , Wang Du , Lei Cheng , 赵焱 | 15565068 | 2022 | 499 |
| 500 | Hydration and Microstructure of Ternary High-Ferrite Portland Cement Blends Incorporating A Large Amount of Fly Ash and Limestone Powder | SSRN | EI收录 | Lv Xingdong , 杨露,王发洲 , 胡曙光, Li Jiazheng , Xie Zhiqiang | 15565068 | 2022 | 500 |
| 501 | Selective Ammonia Reduction Over Fey Zeolite: Impact of Y Zeolite and Type of Iron Species | SSRN | EI收录 | Jin Qiqi , 谢峻林 , Fang De , Huang Guanlin, Ye Yanli , Hou Sensheng , Gong Pijun, 何峰 | 15565068 | 2022 | 501 |
| 502 | Hydrothermal Reactivity of Different Silica Sources in Cao - Sio2 - H2o System | SSRN | EI收录 | Xu Gelong , Zhang Zhen, Cai Jiwei , Tian Qing , 沈卫国, Wu Hao | 15565068 | 2022 | 502 |
| 503 | Microstructure of Cementitious Materials Under the Coupling Effects of Cl- and Mg2+ in a Marine Tidal Environment | SSRN | EI收录 | Zhu Jianping, Yang Kuo , Guan Xuemao, Zhao Ruiqi, Zhang Wenyan | 15565068 | 2022 | 503 |
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| 506 | Improve the long-term property of heat-cured mortars blended with fly ash by internal curing (Open Access) | Journal of Building Engineering | EI收录 | Liu Chen , 杨露 , Li Zhenming, Nie Shuai , Hu Chuanlin,王发洲 | 54 |  | 2022 |
| 507 | Study of the Effect of Impregnation on Continuous Carbon Fibers Reinforced Sic Ceramic Composites Prepared Via Material Extrusion and Reactive Melting Infiltration | SSRN | EI收录 | Liu Kai , Qiu Lei, Zhang Yuzhen, Du Yanying, Sun Ce, Lu Chao, Zhang Song, Tu Rong, Wu Yanjiao,孙华君 , Shi Yusheng | 15565068 | 2022 | 507 |
| 508 | Eco-Friendly Treatment of Humid Hardened Concrete Waste and its Reuse in Concrete | SSRN | EI收录 | He Xingyang , Ma Qinghong, Su Ying , Zheng Zhengqi, 谭洪波, Peng Kai, Zhao Rixu | 15565068 | 2022 | 508 |
| 509 | Ultrasensitive detection of Cr(VI) using a novel SERS optical fiber probe modified by dual-functional methimazole | Journal of Alloys and Compounds | EI收录 | Long Yuting , 李宏 , Wang Wenbo, Yang Xinxin, Liu Zirui | 910 | 164916 | 2022 |
| 510 | Alcohol Plasma Processed Surface Amorphization for Photocatalysis | ACS Catalysis | EI收录 | Wang Rui, Che Guangshun, Wang Changhua , Liu Chunyao,刘保顺, Ohtani Bunsho, Liu Yichun, Zhang Xintong | 12:19 | 12206-12216 | 2022 |
| 511 | Study of the Effect of Impregnation on Continuous Carbon Fibers Reinforced Sic Ceramic Composites Prepared Via Material Extrusion and Reactive Melting Infiltration | SSRN | EI收录 | Liu Kai , Qiu Lei, Zhang Yuzhen, Du Yanying, Sun Ce, Lu Chao, Zhang Song, Tu Rong, Wu Yanjiao,孙华君 , Shi Yusheng | 15565068 | 2022 | 511 |
| 511 | Study of the Effect of Impregnation on Continuous Carbon Fibers Reinforced Sic Ceramic Composites Prepared Via Material Extrusion and Reactive Melting Infiltration | SSRN | EI收录 | Liu Kai , Qiu Lei, Zhang Yuzhen, Du Yanying, Sun Ce, Lu Chao, Zhang Song, Tu Rong, Wu Yanjiao,孙华君 , Shi Yusheng | 15565068 | 2022 | 511 |
| 512 | Effect of Binder Concentration on Piezoelectric Properties of Lead Zirconate Titanate Ceramics Based on Material Extrusion Additive Manufacturing | SSRN | EI收录 | Liu Kai , Xia Yuhang, Zhang Qingqing, Du Yanying, Shi Yusheng, Joshi Sanjay, Yan Chunze, Wu Yanjiao, Huang Shangyu,孙华君 | 15565068 | 2022 | 512 |
| 513 | Permeability Performances of Sodium Oleate and Styrene-Acrylate Copolymer Emulsion Modified Waterproofing Mortar | SSRN | EI收录 | Yang Jin , Yu Xiaolei ,贺行洋 , Huang Jianxiang , Su Ying , Oh Sang-Keun | 15565068 | 2022 | 513 |
| 514 | Tunable and Optimal Interlayer Spacing of 2d Vs2 with High Response and Fast Recovery for No2 Detection | SSRN | EI收录 | Wang Huajing, Shi Zuhao, Tang Lu, Zhu Chaoqi, Tang Jiahong, Wu Qirui, Song Wulin, 李能 , Zeng Dawen | 15565068 | 2022 | 514 |
| 515 | Efficient Removal of Imidacloprid by Freshwater Microalgae Scenedesmus Sp. Txh: Effects and the Biodegradation Pathway | SSRN | EI收录 | Wang Hongyu, Xiao Jingshang, Yang Lie, Cheng Yongtao, Deng Zhikang, Qian Long, Ma Yongfei, Liu Zhe, Wang Jiping, Zhang Zulin , Wu Li | 15565068 | 2022 | 515 |
| 516 | Structure, Sintering Behavior, and Properties of High Electroplating Resistance Ro-Tio2-B2o3-Sio2 Sealing Glass-Ceramics for Silver Paste | SSRN | EI收录 | Zhang Bing, 何峰, Cao Xiuhua, Hou Sensheng, Jin Qiqi, 谢峻林, Wei Mingjie | 15565068 | 2022 | 516 |
| 517 | All-Fluorinated Electrolyte Directly Tuned Li+ Solvation Sheath Enabling High-Quality Passivated Interfaces for Robust Li Metal Battery Under High Voltage Operation | SSRN | EI收录 | Zhang Wenna, Yang Tong, Liao Xiaobin , Song Yi , 赵焱 | 15565068 | 2022 | 517 |
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| 519 | Constructing Electrocatalysts with Composition Gradient Distribution by Solubility Product Theory: Amorphous/Crystalline Conife-Ldh Hollow Nanocages | SSRN | EI收录 | Wu Jiashun, Yang Tong, Zhou Min, Wang Zhaoyang , 赵焱 | 15565068 | 2022 | 519 |
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| 522 | Utilization of Phosphorus Slag with Replacement of Fly Ash in Low-Heat Portland Cement Blends: Hydration, Microstructure, and Life-Cycle Assessment | SSRN | EI收录 | Lv Xingdong, Li Jiazheng | 15565068 | 2022 | 522 |
| 523 | The one-step hydrothermal synthesis of CdS nanorods modified with carbonized leaves from Japanese raisin trees for photocatalytic hydrogen evolution | International Journal of Hydrogen Energy | EI收录 | Xu Mengying , Kang Yu, Jiang Linlin , Jiang Lei , Tremblay Pier-Luc, 张甜 | 47:34 | 15516-15527 | 2022 |
| 524 | A Comprehensive Study of Alumina Ceramic Parts Fabricated Via Digital Light Processing Stereolithography Using Alumina Powders with Different Sizes and Morphologies | SSRN | EI收录 | 徐晓虹, Zhou Shixiang, 吴建锋, Liu Shaoheng, Ma Sitong, Cheng Tiantian | 15565068 | 2022 | 524 |
| 525 | Editorefficient Degradation of Sulfamethoxazole in Various Waters with Peroxymonosulfate Activated by Magnetic Sludge Biochar: Surface-Bound Radical Mechanism | SSRN | EI收录 | Chen Xi, Qian Shufang, Ma Yongfei, Zhu Jinyao, Shen Shitai, Tang Jiayi, Ding Yongzhen, Zhi Suli, Zhang Keqiang, Yang Lie, Zhang Zulin | 15565068 | 2022 | 525 |
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| 528 | Effect of Heavy Metal (Mn, Pb and Cr) on the Properties and Hydration Of Low Water/Binder Cement-Based Composites (Lw/B-Cc) | SSRN | EI收录 | Wang J.N. , Fan D.Q., 余睿 , Zhang T.S. | 15565068 | 2022 | 528 |
| 529 | One-Pot Hydrothermal Synthesis of Magnetic N-Doped Sludge Biochar for Efficient Removal of Tetracycline from Various Environmental Waters | SSRN | EI收录 | Ma Yongfei, Lu Tingmei, Tang Jiayi, Li Ping, Mašek Ondřej, Yang Lie, Wu Li, He Liuyang, Ding Yongzhen, Gao Feng, Qi Xuebin, Zhang Zulin | 15565068 | 2022 | 529 |
| 530 | Hydrothermal synthesized delafossite CuGaO2 as an electrocatalyst for water oxidation (Open Access) | Frontiers of Optoelectronics | EI收录 | Gao Han , Yang Miao, Liu Xing, Dai Xianglong, Bao Xiao-Qing, 熊德华 | 15:1 | 8 | 2022 |
| 531 | Fast and Durable Alkaline Hydrogen Oxidation Reaction at the Electron-Deficient Ruthenium–Ruthenium Oxide Interface | Advanced Materials | EI收录 | Zhang Xiaoyu , Xia Lixue, Zhao Guoqiang, Zhang Bingxing, Chen Yaping, Chen Jian, Gao Mingxia, Jiang Yinzhu, Liu Yongfeng, Pan Hongge , Sun Wenping | 35:9 | 2208821 | 2022 |
| 532 | Microwave heating mechanism and self-healing performance of asphalt mixture with basalt and limestone aggregates (Open Access) | Construction and Building Materials | EI收录 | Wang Fu , Zhu Hongbin , Shu Benan , Li Yuanyuan , Gu Dengjun , Gao Yangming , Chen Anqi , Feng Jianlin ,吴少鹏 ,刘全涛 , Li Chao | 342 | 127973 | 2022 |
| 533 | An innovative and efficient multi-generation recycling system for waste concrete subjected to freeze-thaw environment: A theory model and case study | Journal of Cleaner Production | EI收录 | Wang Zhen, Zhu Pinghua, Liu Hui , Wang Xinjie , Chen Chunhong | 363 | 132135 | 2022 |
| 534 | Research on the properties of wet-ground waste limestone powder as foam stabilizer in foamed concrete | Construction and Building Materials | EI收录 | Li Guangyan, 谭洪波 ,贺行洋 , Zhang Junjie, Deng Xiufeng, Zheng Zhengqi | 329 | 127203 | 2022 |
| 535 | Effect of Na+, Ca2+ and Ba2+ on Chloride Binding of Afm | SSRN | EI收录 | Lv Zhouling, 谭洪波 , Liu Xiaohai, Chen Pian, Wang Yifan, Liang Wenjie | 15565068 | 2022 | 535 |
| 536 | Activation of Peroxymonosulfate by Magnetic Sludge Biochar for Efficient Degradation of Sulfamethoxazole in Various Waters: Surface-Bound Radical Mechanism | SSRN | EI收录 | Chen Xi, Ma Yongfei, Zhu Jinyao, Shen Shitai, Yang Lie, Tang Jiayi, Zhang Zulin | 15565068 | 2022 | 536 |
| 537 | Fe-Al-Layered Double Hydroxide-Biochar Nanocomposites Via Ball Milling for Enhanced Sorption of Tetracycline in Water | SSRN | EI收录 | Tang Jiayi, Ma Yongfei, Zeng Chenyu, Yang Lie, Cui Song, Zhi Suli, Yang Fengxia, Ding Yongzhen, Zhang Keqiang, Zhang Zulin | 15565068 | 2022 | 537 |
| 538 | Ball Milling Enhanced Magnetic Corn Straw Biochar for Peroxyacetic Acid Activation Towards Efficient Degradation of Sulfadiazine | SSRN | EI收录 | Zeng Chenyu, Qian Shufang, Ma Yongfei , Chen Xi, Li Ping, Zhu Jinyao, Deng Zhikang, Ding Yongzhen, Qi Xuebin, Zhang Zulin | 15565068 | 2022 | 538 |
| 539 | Sulfate Resistance and Microstructure of Metakaolin Geopolymer Reinforced by Cellulose Nanofiber and Wollastonite | SSRN | EI收录 | Luo Ren, Liu Huai, 段平, Ye Jiayuan, Chen Wei, Zhang Zuhua, Wang Aiguo |  | 15565068 | 2022 |
| 540 | Metal Ions-Capped Carbon Quantum Dots for Efficient Luminescent Solar Concentrators | SSRN | EI收录 | Zhao Haiguang , Liu Bingxu, Wang Lihua,龚晓 , Zhang Yuanming |  | 15565068 | 2022 |
| 541 | Effect of Chelating Crystalline Admixture on Hydration, Microstructure and Self-Healing Ability of Cement-Based Binder Containing High-Volume Fly Ash and Blast-Furnace Slag | SSRN | EI收录 | He Peng, 余剑英, Wan Yang, Han Xiaobin |  | 15565068 | 2022 |
| 542 | Effect of Chelating Crystalline Admixture on Hydration, Microstructure and Self-Healing Ability of Cement-Based Binder Containing High-Volume Fly Ash and Blast-Furnace Slag | SSRN | EI收录 | He Peng, 余剑英, Wan Yang, Han Xiaobin |  | 15565068 | 2022 |
| 543 | NaBr-Assisted Aqueous Synthesis of Perovskite-Embedded PbBr(OH) Hierarchical Nanostructures for Dye Photodegradation | ACS Applied Nano Materials | EI收录 | Hu Yongfei, Dong Hao, Tapa Arnauld Robert , Shamsi Javad, Shayeh Javad Shabani, Trokourey Albert,刘保顺, Zhao Xiujian, Xie Yi |  | 543 | 2022 |
| 544 | Multifunctional Superamphiphobic Cotton Fabrics with Highly Efficient Flame Retardancy, Self-Cleaning, and Electromagnetic Interference Shielding | ACS Applied Materials and Interfaces | EI收录 | 龚晓 , Xiong Zheng, Chen Xiaona, Meng Fanchao, Wang Hangxiang |  | 544 | 2022 |
| 545 | Conductive polypyrrole-coated electrospun chitosan nanoparticles/poly(D,L-lactide) fibrous mat: Influence of drug delivery and Schwann cells proliferation | Biomedical Physics and Engineering Express | EI收录 | Li Siqi, Yu Xiaoling, Li Yuan , 张甜 | 8:3 | 35002 | 2022 |
| 546 | Tuning Structural and Electronic Configuration of FeN4 via External S for Enhanced Oxygen Reduction Reaction (Open Access) | Energy and Environmental Materials | EI收录 | Li Shidong, Xia Lixue, Li Jiantao, Chen Zhuo, Zhang Wei, Zhu Jiexin, Yu Ruohan, Liu Fang, Lee Sungsik, 赵焱 , Zhou Liang , Mai Liqiang | 25750348 | 546 | 2022 |
| 547 | Utilization of Titanium Slag in Cement Grout for Gamma Radiation Shielding: Hydration, Microstructure, Mechanical Properties and Gamma-Ray Attenuation Performance | SSRN | EI收录 | Otoo Samuel Leumas , 李秋, Wu Youlei , Lai Guoliang, Amu-Darko Jesse Nii Okai, Deng Changfu, Li Song, Chen Wei | 15565068 | 547 | 2022 |
| 548 | The investigation of the pore structure of LUHPC under curing regimes | ACI Materials Journal | EI收录 | Li Yang , Zhang Gaozhan, Yang Jun, Zhang Jian, 丁庆军 | 119:6 |  | 2022 |