

功能膜材料湖南省工程研究中心发表论文著作表

序号	论文、著作名称	发表（出版）时间	发表刊物或出版社名称	主要完成者（前三名）
1	Theoretical exploration of molecular packing and the charge transfer mechanism of organic solar cells based on PM6:Y6	2022-11-25	Journal of Materials Chemistry A	刘万强
2	基于异喹啉骨架结构的新型聚集诱导发光分子的设计与合成	2022-11-25	有机化学	赵云辉, 谭佳敏
3	Fabrication of FeCo/Multidimensional Carbon-Based Nanocomposites as Excellent Cathodic Catalysts of Zn-Air Battery	2022-11-24	Journal of the Electrochemical Society	易清风, 方灿
4	An acid-labile bridged β -CD-based nano-hydrogel with superior anti-tumor drug delivery and release capacity	2022-10-31	Journal of Drug Delivery Science and Technology	邓敏欣, 陈建
5	Facile preparation of recyclable and flexible BiOBr@TiO ₂ /PU-SF composite porous membrane for efficient photocatalytic degradation of mineral flotation wastewater	2022-10-18	Journal of Water Process Engineering	周虎, 邹敏
6	高中化学课程思政素材与教学设计案例	2022-10-18	当代教育理论与实践	刘万强
7	Ψ -type hybridization and CRISPR/Cas12a-based two-stage signal amplification for microRNA detection	2022-10-15	Sensors And Actuators B-Chemical	周智华
8	物理化学课程思政教学设计与实施——以“界面现象”为例	2022-10-09	大学化学	刘万强 张崇华

9	Porous materials formed by four self-construction processes	2022-10-03	Organic & Biomolecular Chemistry	刘秋华 周再春
10	Nanoetching TiO ₂ nanorod photoanodes to induce high-energy facet exposure for enhanced photoelectrochemical performance	2022-09-30	Nanoscale	刘灿军
11	Progressive framework designing and photocurrent responsive tuning based on tetra(4-pyridyl)-tetrathiafulvalene ligand	2022-09-25	Journal of Solid State Chemistry(重要)	熊炜 申少华
12	All-Solid-State Synthesis of High-Performance Electrocatalysts for Oxygen Reduction Reaction Derived From g-C ₃ N ₄ and Cobalt Phthalocyanine	2022-09-13	Advanced Materials Interfaces	王雅萍 易清风,易若玮
13	Enantioseparation of amino acid and mandelic acid enantiomers using Garphos derivatives as chiral extractants	2022-09-01	Chirality	王候 刘雄
14	Synthesis and Fluorescence Properties of Novel Pyrazolo-Isoquinoline Compounds	2022-08-25	Russian Journal of General Chemistry	赵云辉
15	Fabrication of a coned pyrite cinder-based photo-Fenton catalyst and its degradation performance for ciprofloxacin	2022-08-15	Journal of Molecular Liquids(权威)	刘立华
16	BiOBr@CdS/聚氨酯-蚕丝蛋白纳米复合膜的制备及其可见光催化性能	2022-08-05	复合材料学报(重要)	蹇建
17	General Equation to Express Changes in the Physicochemical Properties of Organic Homologues	2022-07-25	ACS Omega	曹朝曦

18	Energy, exergy and economic performances of combined CO ₂ power and cooling systems: comparison and multi-objective optimization	2022-07-22	Frontiers in Energy Research(重要)	余澳芳 邢令利
19	Improvement of the functional properties of cellulose acetate film by incorporating with glycerol and npropanol	2022-07-20	Cellulose	袁正求
20	基于脂肪族羧酸 13C NMR 的 QSPR 模型的建立	2022-07-19	湖南文理学院学报(自然科学版)	陈冠凡
21	Fluorescent Ca ²⁺ -doped LaVO ₄ :Eu ³⁺ nanocrystals featuring highly sensitive detecting Cu ²⁺ ions	2022-07-17	Optical Materials	陶玉芹 曾令玮
22	Nitrogen/Phosphorus/Boron-Codoped Hollow Carbon Spheres as Highly Efficient Electrocatalysts for Zn-Air Batteries	2022-07-15	Industrial & Engineering Chemistry Research	王跃冰 易清风
23	Preparation and Properties of Sodium Alginate/ Silk Fibroin Microcarriers	2022-07-05	Journal of Macromolecular Science Part B-Physics(重要)	陈平 周智华
24	Selenium Radical-Triggered Spiro-tricyclization of N-Aryl-N-(2-hydroxyethyl)propiolamide	2022-06-30	SYNTHESIS-STUTTGART	谢文林 谢文林,Jin-Biao Liu,Guanyinsheng Qiu
25	Preparation and Characterization of Poly(lactide-co-glycolide-co-ε-caprolactone)- 1,4-Butanediamine-Modified Poly(lactide-co glycolide)/Nano-Bioactive Glass-β-Tricalcium Phosphate Composite Scaffolds	2022-06-28	Journal of Macromolecular Science Part B-Physics(重要)	郭美美 周智华

26	Uncovering the flotation performance and adsorption mechanism of a multifunctional thiocarbamate collector on malachite	2022-06-27	Powder Technology	曹小玉 黄小平
27	基于工程教育认证的精细化工方向课程体系探讨	2022-06-15	安徽化工	刘国清
28	Efficient Electrochemical Microsensor for In Vivo Monitoring of H ₂ O ₂ in PD Mouse Brain: Rational Design and Synthesis of Recognition Molecules	2022-06-13	Analytical Chemistry(顶级)	谷慧
29	过渡金属催化合成含氮杂环化合物的研究进展	2022-06-10	化学通报	陈鹏威 袁华
30	沸石咪唑骨架膜的制备及其应用进展	2022-06-09	过程工程学报	冯凡 曾坚贤
31	工程教育专业认证下化工原理实验教学改革探索	2022-06-05	广州化工	蹇建
32	Aptamer functionalization and high-contrast reversible dual-color photoswitching fluorescence of polymeric nanoparticles for latent fingerprints imaging	2022-05-16	Sensors And Actuators B-Chemical	张培盛 张崇华,陈建
33	Theoretical study on aggregation-induced emission of new multi-layer 3D chiral molecules	2022-05-02	Molecular Simulation(重要)	瞿晨曦 焦银春
34	Facile synthesis of Sr ²⁺ -doped LaVO ₄ :Eu ³⁺ nanostructures: Morphology evolution, luminescence modulation and turn-off	2022-04-29	Ceramics International	曾令玮

	fluorescent probe for selectively detecting Cu ²⁺ ions with high sensitivity			
35	新型含硅离子液体在邻氨基烷基苯酚合成中的应用	2022-04-28	精细化工中间体	瞿晨曦 唐子龙、焦银春
36	Solvent-free partial oxidation of cyclohexane to KA oil over hydrotalcite- derived Cu-MgAlO mixed metal oxides	2022-04-20	Chinese Journal of Chemical Engineering(重要)	蹇建
37	UIO-66 膜的制备及其在分离领域中的应用	2022-04-20	膜科学与技术	吴振威 曾坚贤
38	一种三芳基硼席夫碱比率荧光银离子探针的合成与性质	2022-04-01	广东化工	欧静梅 刘玄
39	Cross-Linking Induced Emission of Polymer Micelles for High-Contrast Visualization Level 3 Details of Latent Fingerprints	2022-04-01	ACS Applied Materials & Interfaces	邹柔 张培盛
40	A persistent luminescence resonance energy transfer-based molecular beacon probe for the highly sensitive detection of microRNA in biological samples	2022-03-15	Biosensors and Bioelectronics(顶级)	王秀华 龙云飞
41	Preparation and Properties of Poly(D,L-lactide-co-glycolide-co-ε-caprolactone)/1,4-Butanediamine Modified Poly(lactide-co-glycolide) Blend Porous Microspheres	2022-03-10	Journal of Macromolecular Science Part B-Physics(重要)	顾家明 周智华
42	V ₂ O ₃ -Li ₃ PO ₄ Composite: A New Type of Cathodic Active Material for Li-Ion Batteries	2022-03-10	Advanced Materials Interfaces	唐安平

43	Hollow Carbon Sphere and Polyhedral Carbon Composites Supported Iron Nanoparticles as Excellent Bifunctional Electrocatalysts of Zn–Air Battery	2022-03-06	Energy Technology	王跃冰 易若玮,易清风
44	氮掺杂碳纳米片负载 Fe-Co-Pt 复合材料的 制备及其氧还原电活性	2022-03-01	复合材料学报	陈阿玲 易清风
45	Heterogeneous strategies for selective conversion of lignocellulosic polysaccharides	2022-02-28	Cellulose	袁正求
46	Identifying promising covalent organic frameworks for HCHO/O ₂ +N ₂ adsorption from indoor air pollution using high-throughput computational screening	2022-02-21	Computational and Theoretical Chemistry(重要)	汪冠宇 汪朝旭
47	In-situ surface nanoetching WO ₃ photoanode for enhanced photoelectrochemical performance	2022-02-14	International Journal of Hydrogen Energy	刘灿军
48	基于遗传函数近似法的液态烃类化合物热导率预测	2022-02-10	高校化学工程学报	刘万强
49	New insight into electropolymerization of melamine. II: low onset potential deposition of polymelamine with trace active bromine	2022-02-09	Electrochimica Acta	马晋 陈述
50	中性锌-空气电池的阴极非贵金属催化剂	2022-02-01	电源技术	盛况 易清风
51	In Vivo Monitoring of pH in Subacute PD mouse brain with an Ratiometric Electrochemical Microsensor Based on Poly(Melamine)	2022-01-28	ACS Sensors	张梓宜 陈述

	Films			
52	A new insight into the push-pull effect of substituents via the stilbene-like model compounds	2022-01-24	Journal of Physical Organic Chemistry	曹朝暉 曹晨忠
53	Synthesis of novel BiOBr/Bio-veins composite for photocatalytic degradation of pollutants under visible-light	2022-01-21	Surfaces and Interfaces	周虎
54	Enhanced adsorption performance, separation, and recyclability of magnetic core-shell Fe ₃ O ₄ @PGMA-g-TETA-CSSNa microspheres for heavy metal removal	2022-01-12	Reactive and Functional Polymers(重要)	刘立华
55	Activating a TiO ₂ /BiVO ₄ Film for Photoelectrochemical Water Splitting by Constructing a Heterojunction Interface with a Uniform Crystal Plane Orientation	2022-01-12	ACS Applied Materials & Interfaces	刘灿军
56	d-Orbital Reconstructions Forced by Double Bow-Shaped Deformations and Second Coordination Sphere Effects of Cu(II) Heme Analogs in HER	2022-01-03	CHEMISTRY-A EUROPEAN JOURNAL	刘秋华
57	Ni ₂ CoS ₄ nanocubes anchored on nitrogen-doped ultra-thin hollow carbon spheres to achieve high performance supercapacitor	2022-01-01	Ionics	欧阳田
58	美国华裔文学作品中故国记忆和中国形象	2021-12-30	城市学刊	周文革

59	取代基对 2-(4-取代苯基)-5-取代嘧啶紫外吸收能量的影响	2021-12-24	湖南科技大学学报(自然科学版)	谢滢婷 袁华
60	基于专业认证的《化学工艺学》教学思考与实践	2021-12-15	当代化工研究	刘国清
61	2',2'-羟基对二芳基希夫碱荧光发射的影响	2021-12-01	湖南科技大学学报自然科学版	曹朝暉
62	Single-dye-doped fluorescent nanoprobe enables self-referenced ratiometric imaging of hypochlorous acid in lysosomes	2020-10-14	Sensors & Actuators: B. Chemical	Junyu Ren, Peisheng Zhang, Hui Liu
63	The role of connectivity in significant band gap narrowing for fused-pyrene based non-fullerene acceptors toward high-efficiency organic solar cells	2020-03-03	Journal of Materials Chemistry A	Shungang Liu, Wenyan Su, Xianshao Zou
64	Real-time imaging redox status in biothiols and ferric metabolism of cancer cells in ferroptosis based on switched fluorescence response of gold carbon dots	2020-07-13	Analytical Chemistry	Xiaoxue Xie, Xinyi Hua, Ziqi Wang
65	Self-assembly of a dual-targeting and self-calibrating ratiometric polymer nanoprobe for accurate hypochlorous acid imaging	2020-09-24	ACS Applied Materials & Interfaces	Hui Liu, Peisheng Zhang, Chonghua Zhang
66	Insights into 2-indolylmethanol-involved cycloadditions: origins of regioselectivity and enantioselectivity	2020-08-19	The Journal of Organic Chemistry	Shuang Deng, Chenxi Qu, Yinchun Jiao

67	A rational design of a cancer-specific and lysosome-targeted fluorescence nanoprobe for glutathione imaging in living cells	2020-07-09	Materials Advances	Hong Wang, Peisheng Zhang, Chonghua Zhang
68	Perylene diimide-based supramolecular polymer with temperature-sensitive ratiometric fluorescence responsiveness in solution and gels	2020-06-29	Materials Advances	Jie Liu, Yubing Zhang, Chonghua Zhang
69	Photodegradation of cationic and anionic dyes by pH-dependent dispersion of amphoteric g-C ₃ N ₄ nanosheets	2020-05-06	Journal of Nanoscience and nanotechnology	Qingmei Zhang, Aoli Wen, Guoliang Chen
70	Highly efficient CO ₂ capture and conversion of a microporous acylamide functionalized rh-type metal-organic framework	2020-03-26	Inorganic Chemistry Frontiers	Junxiong Liao, Wenjiang Zeng, Baishu Zheng
71	Design, synthesis, and applications of a novel fluoride probe based on isoquinolinium salt	2020-03-04	Russian Journal of General Chemistry	Yeting Zhu, Yajun Yu, Yunhui Zhao
72	Preparation and characterization of poly (L-lactide coglycolide-co-ε-caprolactone)/ nanobioactive glass-nano-β-tricalcium phosphate composite scaffolds	2020-03-12	Journal of Macromolecular Science, Part B Physics	Hailin Xie, Zihua Zhou, Wenjuan Liu
73	Preparation and degradation behaviors of poly (L-lactide-coglycolide-co-ε-caprolactone) / 1, 4-butanediamine modified poly (lactic-co-glycolic acid) blend film	2020-05-12	Journal of Macromolecular Science, Part B Physics	Ziwei Zhou, Zihua Zhou, Wenjuan Liu

74	Monitoring biothiols dynamics in living cells by ratiometric fluorescent gold carbon dots	2020-05-20	Talanta	Xiaoxue Xie, Zhenqi Peng, Ziqi Wang
75	Discovery of novel indazole-acylsulfonamide hybrids as selective Mcl-1 inhibitors	2020-08-28	Bioorganic Chemistry	Yichao Wan, Yuanhua Li, Chunxing Yan
76	Effect of Eu ³⁺ -doping on morphology and fluorescent properties of neodymium vanadate nanorod-arrays	2020-05-01	Transactions of Nonferrous Metal Society of China	Li Tian, Shanmin Chen, Qiang Liu
77	Ferrocenyl building block constructing porous organic polymer for gas capture and methyl violet adsorption	2020-04-10	Journal of Central South University	Jing Huang, Zhiqiang Tan, Huimin Su
78	Ferrocene-based conjugated microporous polymers derived from Yamamoto coupling for gas storage and dye removal	2020-04-10	Polymers	Zhiqiang Tan, Huimin Su, Yiwen Guo
79	Cooperativity effects between regium-bonding and pnicogen-bonding interactions in ternary MF ₂ -PH ₃ O-MF ₂ (M = Cu, Ag, Au): an ab initio study	2020-06-03	Molecular Physics	Zan Zhang, Tian Lu, Zhaoxu Wang
80	Recent advances of sulfonylation reactions in water	2020-05-16	Current organic synthesis	Li Wu, Lifeng Peng, Zhifang Hu

81	Hydrothermal synthesis of porous TiO ₂ microspheres as an efficient sulfur host for enhanced lithium–sulfur batteries	2020-10-12	Materials Express	Haishen Song, Qiujuan Kuang, Hailiang Yuan
82	Double molecular recognition strategy based on boronic acid-diol and NHS ester-amine for selective electrochemical detection of cerebral dopamine	2020-04-29	Analytical and Bioanalytical Chemistry	Hui Gu, Yanqiu Guo, Xia Xiao
83	NMR and theoretical study on the linking properties of peroxovanadium (V) complexes with the 2-acylpyridine derivatives	2020-09-29	Journal of Coordination Chemistry	Zijuan Yi, Qi Deng, Xianyong Yu
84	Rapid modification of hemoglobin heme to form enhanced peroxidase-like activity for colorimetric assay	2020-03-11	Biosensors and Bioelectronics: X	Xinyi Hua, Zhichao Yang, Zhifang Wang
85	Cascade oxidation, radical addition, and annulation of o-Alkynylarylaldimine with indole/imidazopyridine: access to aromatic heterocycle-substituted isoquinolines	2020-05-16	Asian Journal of Organic Chemistry	Yunhui Zhao, Yajun Yu, Dandan Hu
86	末端炔烃保护基的研究进展	2020-06-22	有机化学	胡志芳, 彭丽芬, 邱仁华
87	Thermal conductivity estimation of nitrogen-containing liquid organic compounds using QSPR methods from molecular structures	2020-06-14	Journal of Molecular Structure	Haixia Lu, Wanqiang Liu, Fan Yang
88	Direct cyanation, hydrocyanation, dicyanation and	2020-03-04	RSC Advance	Lifen Peng,

	cyanofunctionalization of alkynes			Zhifang Hu, Hong Wang
89	Fabrication of novel magnetic core-shell chelating adsorbent for rapid and highly efficient adsorption of heavy metal ions from aqueous solution	2020-09-01	Journal of Molecular Liquids	Lihua Liu, Siyun Liu, Lu Zhao
90	Thermal conductivity estimation of diverse liquid aliphatic oxygen-containing organic compounds using the quantitative structure-property relationship method	2020-04-08	ACS Omega	Haixia Lu, Wanqiang Liu, Fan Yang
91	Understanding the contributions of microscopic heat transfer to thermal conductivities of liquid aldehydes and ketones by molecular dynamics simulation	2020-06-22	Journal of Chemical Information and Modeling	Fan Yang, Haixia Lu Wanqiang Liu
92	Removal performance and mechanism of poly(N^1,N^1,N^3,N^3 -tetraallylpropane-1,3-diaminiumchloride) toward Cr(VI)	2020-06-15	Environmental Technology	Lihua Liu, Zhengchi Yang, Lu Zhao
93	Synthesis of $TiO_2/S@PPy$ composite for chemisorption of polysulfides in high performance Li-S batteries	2020-03-27	Journal of Solid State Electrochemistry	Haishen Song, Hailiang Yuan, Hezhang Chen
94	Design, synthesis and applications of fluoride probe based on aromatization of isoquinolinium salts	2020-05-12	Dyes and Pigments	Yunhui Zhao, Yajun Yu, Tao Guo

95	Small-molecule PROTACs: novel agents for cancer therapy	2020-04-09	Future Medicinal Chemistry	Yichao Wan, Chunxing Yan, Han Gao
96	Preparation and characterization of poly (L-lactide-coglycolide-co- ϵ -caprolactone) scaffolds by thermally induced phase separation	2020-07-12	Journal of Macromolecular Science, Part B Physics	Ping Chen, Zihua Zhou, Wenjuan Liu
97	Synthesis of polypyrrole coated RGO/S composite as a cathode material for enhanced lithium sulfur batterie	2020-08-10	International Journal of Electrochemical Science	Haishen Song, Hailiang Yuan, Hezhang Chen
98	芳香性取代基对 2-(2-羟基苯基)苯并咪唑激发态质子转移和光谱性质影响的理论研究	2020-12-10	原子与分子物理学报	易平贵, 李玉茹, 陶 洪文
99	A cathode photoelectrochemical assay of terminal deoxynucleotidyl transferase activity based on Ag-AgI-CNTs composite and surface multisite strand displacement amplification	2021-08-15	Biosensors and Bioelectronics	Keqin Deng, Jing Xiao, Zhang Liu
100	Dual photochromics - contained photoswitchable multistate fluorescent polymers for advanced optical data storage, encryption, and photowritable pattern	2021-08-08	Chemical Engineering Journal	Jiawei Jiang, Peisheng Zhang, Le Liu
101	Cellular and mitochondrial dual-targeted nanoprobe with near-infrared emission for activatable tumor imaging and photodynamic therapy	2021-07-12	Sensors and Actuators: B. Chemical	Chonghua Zhang, Shenglan Wang, Peisheng Zhang

102	A photocathode based on BiOI-Bi/CNTs for microRNA detection coupling with target recycling strand displacement amplification	2021-12-15	Sensors and Actuators: B. Chemical	Jing Xiao, Keqin Deng, Zhang Liu
103	De novo development of a universal biosensing platform by rapid direct native protein modification	2021-03-09	Analytical Chemistry	Xinyi Hua, Zhifang Wang, Ziqi Wang
104	Strontium mineralized silk fibroin porous microcarriers with enhanced osteogenesis as injectable bone tissue engineering vehicles	2021-07-31	Materials Science & Engineering C	Jianjun Fang, Dan Wang, Fangfang Hu
105	Identifying promising covalent-organic frameworks for decarburization and desulfurization from biogas via computational screening	2021-06-22	ACS Sustainable Chemistry & Engineering	Ying Wang, Guanyu Wang, Yuan Liu
106	Visual quantitative detection of glutathione and cholesterol in human blood based on the thiol-ene click reaction-triggered wettability change of the interface	2021-06-20	Analytical Chemistry	Hao Wang, Zhang Liu, Jing Xiao
107	功能化纳米 TiO ₂ /环氧树脂超疏水防腐复合涂层的制备与性能	2021-12-01	复合材料学报	汪雨微, 欧宝立, 鲁忆
108	共价功能化石墨烯超疏水防腐复合涂层材料的制备	2021-02-09	复合材料学报	刘刚, 欧宝立, 赵欣欣
109	A review on fundamentals and strategy of epoxy-resin-based anticorrosive coating materials	2021-04-13	Polymer-Plastics Technology and Materials	Baoli Ou, Yuwei Wang, Yi Lu

110	2,2',6,6'-四羧基-44'-联吡啶的绿色化合成	2021-06-01	精细化工中间体	陈地龙, 刘秋华, 周再春
111	CO ₂ 开关型表面活性剂聚酯烯基磺酸钠的合成及其乳化性能	2021-06-01	复合材料学报	田俐, 王金晶, 刘强
112	Template-free hydrothermal synthesis and gas-sensitivity of hollow-structured Cu _{0.3} Co _{2.7} O ₄ microspheres	2021-03-05	Journal of Central South University	Li Tian, Qiang Liu, Jiling Wu
113	Reversibly photoswitchable tristate fluorescence within a single polymeric nanoparticle	2021-12-23	Advanced Optical Materials	Maolin Yu, Peisheng Zhang, Le Liu
114	Sulfonamide derivatives as potential anti-cancer agents and their SARs elucidation	2021-12-15	European Journal of Medicinal Chemistry	Yichao Wana, Guoqing Fang, Hongjuan Chen
115	Enhancing the efficiency of near-infrared iridium (III) complexes-based OLEDs by auxiliary ligand functionalization	2021-09-23	Synthetic Metals	Maoqiu Li, Junting Yu, Denghui Liu
116	Synthesis and anticancer activity of new spirooxindoles incorporating [1,2,4] triazolo [3,4-b][1,3,4]thiadiazine moiety	2021-01-09	Journal of Molecular Structure	Liangkun Ji, Ying Zhou, Qiuyan Yu
117	Simple preparation of carbon dots and application in cephalosporin detection	2021-12-01	Journal of Nanoscience and Nanotechnology	YanZi, HepingYang, Shu Chen

118	The preparation and characterization of high-performance mesoporous carbon from a highly π -conjugated polybenzoxazine precursor	2021-05-05	New Journal of Chemistry	Huan Liu, Ziyuan Zhou, Shihan Li
119	Enhanced visible-light photocatalytic activity and recyclability of magnetic core-shell $\text{Fe}_3\text{O}_4@\text{SiO}_2@\text{BiFeO}_3$ -sepiolite microspheres for organic pollutants degradation	2021-08-01	Journal of Molecular Liquids	Gang Su, Lihua Liu, Qiujuan Kuang
120	Fabrication of magnetic core-shell $\text{Fe}_3\text{O}_4 @ \text{SiO}_2 @ \text{Bi}_2\text{O}_2\text{CO}_3$ -sepiolite microspheres for the high efficiency visible light catalytic degradation of antibiotic wastewater	2021-09-07	Environmental Technology & Innovation	Lihua Liu, Gang Li, Xing Liu
121	Highly efficient and chemoselective hydrogenation of nitro compounds into amines by nitrogen-doped porous carbon-supported Co/Ni bimetallic nanoparticles	2021-10-25	Inorganic Chemistry	Zeyu Shen, Lirui Hong, Baishu Zheng
122	A porous amide-functionalized pto-type MOF exhibiting selective capture and separation of cationic MB dye	2021-02-03	Journal of Coordination Chemistry	Baishu Zheng, Wenjiang Zeng, Guanyu Wang
123	Synthesis and anti-fungal activity of new 3-aryl-1,3-benzoxazine-2-ketone derivatives	2021-06-11	Russian Journal of General Chemistry	Fen Huang, Wenjie Jiao, Yichao Wan
124	Progress on the reaction-based methods for detection of endogenous hydrogen sulfide	2021-11-26	Analytical and Bioanalytical Chemistry	Yu Luo, Yimei Zuo, Guoyue Shi

125	Polymer-based porous microcarriers as cell delivery systems for applications in bone and cartilage tissue engineering	2021-01-20	International Materials Reviews	Zhihua Zhou, Wei Wu, Jianjun Fang
126	A simple dopamine sensor using graphdiyne nanotubes and shortened carbon nanotubes for enhanced preconcentration and electron transfer	2021-01-15	Microchemical Journal	Jing Xiao, Hao Wang, Chunxiang Li
127	Synthesis and antifungal activity of new N-aryl-2-(2-hydroxyphenylamino) ethylenediamine derivatives	2021-01-21	Russian Journal of General Chemistry	Han Gao, Yichao Wan, Yuhuan Tan
128	2-aminothiazole: a privileged scaffold for the discovery of anti-cancer agents	2021-01-15	European Journal of Medicinal Chemistry	Yichao Wan, Jiabing Long, Han Gao
129	Preparation and application of multi-wavelength -regulated multi-state photoswitchable fluorescent polymer nanoparticles	2021-10-30	Dyes and Pigments	Le Liu, Rongjin Zeng, Jiawei Jiang
130	Enantioseparation of 3-chlorophenylglycine enantiomers using Mandyphos-Pd as chiral extractant	2021-05-01	Chinese Journal of Chemical Engineering	Xiong Liu, Shuhuan Chen, Yu Ma
131	Zero-crosstalk and color-specific photoswitching of dual-emissive polymer nanoparticles for multiple applications	2021-04-06	Dyes and Pigments	Le Liu, Shenglan Wang, Chonghua Zhang

132	Theoretical exploration of optoelectronic performance of PM6:Y6 series-based organic solar cells	2021-09-05	Surfaces and Interfaces	Wanqiang Liu, Qian Liu, Chongchen Xiang
133	A ratiometric electrochemical microsensor for monitoring chloride ions in vivo	2021-09-01	Analyst	Xia Xiao, Chenchen Li, Yuzhi Liu
134	Magnetic Fe ₃ O ₄ @SiO ₂ @BiFeO ₃ /rGO composite for the enhanced visible-light catalytic degradation activity of organic pollutants	2021-02-15	Ceramics International	Gang Su, Lihua Liu, Xing Liu
135	Fabrication of magnetic Fe ₃ O ₄ @SiO ₂ @Bi ₂ O ₂ CO ₃ /rGO composite for enhancing its photocatalytic performance for organic dyes and recyclability	2021-09-17	Environmental Science and Pollution Research	Gang Su, Lihua Liu, Lixing Zhang
136	In-vitro degradation behaviors of poly (L-lactide - coglycolide-co-ε-caprolactone) microspheres	2021-02-02	Journal of Macromolecular Science, Part B Physics	Meiling Yi, Zihua Zhou, Wenjuan Liu
137	锆基金属-有机骨架材料分离放射性气体 Rn 的计算筛选研究	2021-05-05	化工学报	王莹, 郑柏树, 王刘盛
138	Preparation and characterization of poly(lactide-co-glycolide-co-ε-caprolactone) porous microspheres	2021-04-01	Journal of Macromolecular Science, Part B Physics	Chao Zhang, Zihua Zhou, Wenjuan Liu

139	2-(2-氨基苯基)苯并噻唑与四苯基卟啉及四苯基锌卟啉的荧光共振能量转移	2021-03-15	化学研究	梅刚, 易平贵, 李庆
140	Rational design of a HA-AuNPs@AIED nanoassembly for activatable fluorescence detection of HAase and imaging in tumor cells	2021-03-11	Analytical Methods	Shenglan Wang, Chonghua Zhang, Peisheng Zhang
141	Synthesis of dithiocarbamate-modified crosslinked poly(β -cyclodextrin-co-triethyl enetetramine) microspheres for simultaneous and highly efficient removal of Cu^{2+} and methyl orange/thymol blue from wastewater	2021-02-20	Reactive and Functional Polymers	Zhengchi Yang, Lihua Liu, Siyan Liu
142	芳香性取代基对 2-(2-羟基苯基)苯并咪唑激发态质子转移和光谱性质影响的理论研究	2021-02-05	原子与分子物理学报	易平贵, 李玉茹, 陶 洪文