

化学与分子科学学院SCI论文信息一览表

序号	单位	导师	论文题目	发表刊物/论文集	发表/出版时间	WOS号 (SCI论文)	论文类型
1	化学与分子科学学院	张敬来	Effect of cluster of quaternary ammonium ionic liquids on catalytic performance for CO ₂ fixation: ONIOM and MD	Journal of Materials Science	2020	WOS: 000499020400013	SCI三区
2	化学与分子科学学院	张敬来	Carbazole-substituted NP-based derivative as hole transporting material for highly efficient perovskite solar cells	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	WOS: 000513010500106	SCI三区
3	化学与分子科学学院	柏奕	Ionothermal Synthesis of an Antimonomolybdate Cluster, [(Sb ₈ Mo ₁₃ Mo ₅ O ₆₆)-Mo-VI-O-V] (5-), and Its Catalytic Behavior to the Reduction of	INORGANIC CHEMISTRY	2020	WOS:000562989200002	JCR-Top期刊
4	化学与分子科学学院	柏奕	化学教育活动中化学之美的缺失与彰显	中学化学教学参考	2020		一般CN
5	化学与分子科学学院	卜站伟	Regioselective and Diastereoselective Dearomative Multifunctionalization of In-Situ-Activated Azarenes: An Access to Bridged	Organic Letters	2020	WOS: 000547468700030	JCR-TOP期刊 (第一单位)
6	化学与分子科学学院	蔡永红	碳化聚合物点、碳纳米点和石墨烯碳纳米点降解 R h B 的研究	化学研究	2020		一般CN
7	化学与分子科学学院	常海波	Highly Efficient Solvent-free Conversion of CO ₂ into Cyclic Carbonates by Acrylamide-KI	Ind. Eng. Chem. Res.	2020	000529884300002	SCI三区
8	化学与分子科学学院	常志显	Enhanced Photocatalytic Reduction of CO ₂ on Rutile TiO ₂ /MgAl Layered Double Oxides with H ₂ O Under Ambient Temperature	Catalysis Letters	2020	WOS:000490235700004	SCI三区
9	化学与分子科学学院	常志显	巯基丙基三甲氧基硅烷改性煤矸石修复钴污染土壤的性能	化学研究	2020		一般CN
10	化学与分子科学学院	陈丹云	纳米氧化铝的合成方法及其对As的吸附研究进展	功能材料	2020		C类期刊
11	化学与分子科学学院	陈利娟	Two unusual nanosized Nd ³⁺ -substituted selenotungstate aggregates simultaneously comprising lacunary Keggin and Dawson	Nanoscale	2020	WOS:000558928800010	JCR-Top 期刊
12	化学与分子科学学院	陈利娟	Double-oxalate-bridging tetralanthanide containing divacant Lindqvist isopolytungstates with energy transfer	Inorg. Chem.	2020	WOS:000506719300068	JCR-Top 期刊
13	化学与分子科学学院	陈利娟	Acetate-decorated tri-Ln(III)-containing antimonotungstates with a tetrahedral {W ₄ } group as a structure-directing template and	Inorg. Chem.	2020	WOS:000526414000063	JCR-Top 期刊
14	化学与分子科学学院	陈利娟	Organic-inorganic 2-D hybrid networks constructed from pyridine-4-carboxylate-decorated organotin-lanthanide heterometallic	Inorg. Chem.	2020	WOS:000562989200014	JCR-Top 期刊
15	化学与分子科学学院	陈利娟	First series of mixed (P ^{III} , Se ^{IV})-heteroatoms oriented rare-earth embedded polyoxotungstates containing distinct building blocks	Inorg. Chem. Front.	2020	WOS:000592314600006	JCR-Top 期刊
16	化学与分子科学学院	陈利娟	A trimeric tri-Tb ³⁺ -including antimonotungstate and its Eu ³⁺ /Tb ³⁺ /Dy ³⁺ /Gd ³⁺ codoped species with luminescence properties	Dalton Trans.	2020	WOS:000569986300030	SCI二区

17	化学与分子科学学院	陈利娟	Preparations, structures and luminescence properties of penta-rare-earth incorporated tetra-vacant Dawson selenotungstates and their	Chem. Asian J.	2020	WOS:000523473300030	SCI 三区
18	化学与分子科学学院	陈利娟	Synthesis, structure, and spectroscopic characterization of a 2-D organic-inorganic hybrid CuII-PrIII heterometallic	Arabian Journal of Chemistry	2020	WOS:000504900300013	SCI 三区
19	化学与分子科学学院	陈利娟	A terbium-antimony-oxo-cluster bridging antimonotungstate comprising divacant and tetravacant Keggin segments	Inorg. Chem. Commun.	2020	WOS:000509631500029	SCI 四区
20	化学与分子科学学院	陈利娟	A novel 1-D chain organic-inorganic hybrid CuII-PrIII heterometallic germanomolybdate decorated by 2-picolinic acid ligands	Inorg. Chem. Commun.	2020	WOS:000517349100011	SCI 四区
21	化学与分子科学学院	陈利娟	A Sb-bridging tetra-Im encapsulated tetrameric antimonotungstate and its luminescence properties	化学研究	2020		一般CN
22	化学与分子科学学院	陈威	Synthesis of 3D mesoporous g-C3N4 for efficient overall water splitting under a Z-scheme photocatalytic system	Applied Surface Science	2020	WOS:000522731700119	JCR-Top期刊 (第一单位)
23	化学与分子科学学院	陈威	Solid-state synthesis of ultrathin MoS2 as a cocatalyst on mesoporous g-C3N4 for excellent enhancement of visible light photoactivity	Journal of Alloys and Compounds	2020	WOS: 000547841100005	JCR-Top期刊 (第一单位)
24	化学与分子科学学院	陈威	Construction of direct Z-scheme g-C3N4/TiO2 nanorod composites for promoting photocatalytic activity	Journal of the Chinese Chemical Society	2020	WOS:000476206800001	SCI 四区
25	化学与分子科学学院	程亚敏	ipad让化学课堂更精彩	化学教与学	2020		一般CN
26	化学与分子科学学院	党东宾	One two-dimensional inorganic framework constructed from giant [Mo16O32)CQ16(HPO4) (14) (PO4) (10) (H2O) (15)] (10)	INORGANIC CHEMISTRY COMMUNICATIONS	2020	WOS:000564600100002	SCI 四区
27	化学与分子科学学院	党东宾	A Keggin-Type Tungstovanadate-Based Hybrid Compound: Synthesis, Crystal Structure, and Electrochemical Oxidation of Ascorbic Acid	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	2020	WOS:000548670700008	SCI 四区
28	化学与分子科学学院	翟翠萍	Hybrid Hydrogel Electrolyte Based on Metal-Organic Supramolecular Self-Assembly and Polymer Chemical Cross-Linking for	ACS APPLIED MATERIALS & INTERFACES	2020	WOS:000572965700134	JCR-Top期刊 (第一单位)
29	化学与分子科学学院	丁涛	Ultra-stretchable membrane with high electrical and thermal conductivity via electrospinning and in-situ nanosilver	COMPOSITES SCIENCE AND TECHNOLOGY	2020	WOS: 000580920800029	JCP-Top(第一单位)
30	化学与分子科学学院	丁涛	Hydrogen bonding derived self-healing polymer composites reinforced with amidation carbon fibers	NANOTECHNOLOGY	2020	WOS: 000504908900004	JCP-Top(非第一单位)
31	化学与分子科学学院	丁涛	Application of carboxylated ethylene/vinyl acetate copolymer-modified nanosilica in tire tread rubber	IRANIAN POLYMER JOURNAL	2020	WOS: 000556157900001	SCI 四区
32	化学与分子科学学院	董青松	镱基锂离子电池阳极材料研究进展	化学研究	2020	2020, 31(6): 532—537	一般CN
33	化学与分子科学学院	范艳花	基于学习进阶和核心素养融合的单元设计_以高一金属及其化合	教育教学论坛	2020		一般CN
34	化学与分子科学学院	范艳花	浅论初中化学教材中插图的潜在功能	教育教学论坛	2020		一般CN

35	化学与分子科学学院	范艳花	如何将德育渗透在初中化学教学中	教育教学论坛	2020		一般CN
36	化学与分子科学学院	范艳花	新课标背景下高中化学课程高效课堂的构建	教育教学论坛	2020		一般CN
37	化学与分子科学学院	房晓敏	改性三氧化二锑协效二乙基次磷酸铝阻燃PA6研究	中国塑料	2020		B类期刊
38	化学与分子科学学院	房晓敏	Flame retardant effect and mechanism of benzoxazine as synergist in intumescent flame-retardant	Polymer Advanced and Technology	2020	WOS:000539202100001	SCI三区
39	化学与分子科学学院	付记亚	Metal-free [3+3] benzannulation of 1-indanylidene-malononitrile with Morita-Baylis-Hillman carbonates: direct access to	Chemical Communication	2020	WOS:000514651200033	JCR-Top期刊 (第一单位)
40	化学与分子科学学院	付记亚	Monitoring the Hierarchical Evolution from a Double-Stranded Helix to a Well-Defined Microscopic Morphology Based on a Turbine-Like	ACS Omega	2020	WOS: 000562142500033	SCI三区
41	化学与分子科学学院	付记亚	自媒体在日用化妆品混合教学中的实践探索	教育现代化	2020		一般CN
42	化学与分子科学学院	龚春红	TiN/Ni/C Ternary Composites with Expanded Heterogeneous Interfaces for Efficient Microwave Absorption	Composites Part B	2020	WOS: 000531097400025	JCR-Top期刊
43	化学与分子科学学院	龚春红	Ultralight Reduced Graphene Oxide Aerogels Prepared by Cation-Assisted Strategy for Excellent Electromagnetic Wave Absorption	Nanotechnology	2020	WOS: 000531330000001	JCR-Top期刊
44	化学与分子科学学院	龚春红	Preparation of Black Titanium Monoxide Nanoparticles and Their Potential in Electromagnetic Wave Absorption	Advanced Powder Technology	2020	WOS: 000567162200014	SCI二区
45	化学与分子科学学院	龚春红	Microwave absorption performance of reduced graphene oxide with negative imaginary permeability	J. Phys. D: Appl. Phys	2020	WOS: 000502017100001	SCI三区
46	化学与分子科学学院	龚春红	Heterogeneous Iron-nickel Compounds/RGO Composites with Tunable Microwave Absorption Frequency and Ultralow Filler Loading	Physical Chemistry Chemical Physics	2020	WOS: 000537175100036	SCI三区
47	化学与分子科学学院	郭美霞	“水污染控制工程”课程教学改革与实践	教育教学论坛	2020		一般CN
48	化学与分子科学学院	郭泉辉	无模板剂多级孔Ce-ZSM-5 分子筛的制备及其吸附脱硫性能	石油化工	2020		B类期刊
49	化学与分子科学学院	郭续更	一种三苯氨类有机染料光电性能的理论研究	化学研究	2020		一般CN
50	化学与分子科学学院	韩秋霞	Photoactive Metal-Organic Framework for the Reduction of Aryl Halides by the Synergistic Effect of Consecutive Photo-Induced Electron-	ACS Appl. Mater. Interfaces	2020	WOS:000508464500023	JCR-Top期刊
51	化学与分子科学学院	韩秋霞	An electron-rich metal-organic framework for highly efficient photocatalytic reduction of Cr(VI)	J. Alloy. Compd.	2020	WOS:000525824700034	JCR-Top期刊
52	化学与分子科学学院	韩秋霞	Synthesis Cu(I) -CN-based MOF with in-situ generated cyanogroup by cleavage of acetonitrile: Highly efficient for catalytic	Molecular Catalysis	2020	WOS:000579529100015	SCI二区

53	化学与分子科学学院	韩秋霞	: Fe3O4/POMs纳米复合物的合成及对次甲基蓝的吸附性研究 作者: 李春艳1, 2, 魏茂婷1, 景国岐1, 刘红玲2*, 韩	化学研究	2020		一般CN
54	化学与分子科学学院	郝召民	石墨烯复合材料在锂离子电池中的研究进展	化学研究	2020	2020, 31(3): 278—282	一般CN
55	化学与分子科学学院	胡卫平	Investigation of the major constituents in Rehmannia glutinosa - Dioscorea oppositifolia Thunb herb-pairs extract by high-performance liquid	化学研究	2020		一般CN
56	化学与分子科学学院	胡媛媛	多钒酸盐与阳离子聚合物构筑的自愈水凝胶及其在 Zn-MnO ₂ 电池中的应用	化学研究	2020		一般CN
57	化学与分子科学学院	李德亮	. Feasibility of using ammonium iron (II) sulphate to passivate hexavalent chromium in polluted soil	Environmental Technology	2020	wos: 000588519200001	SCI 四区
58	化学与分子科学学院	李海燕	调查研究	教育现代化杂志	2020		一般CN
59	化学与分子科学学院	李海燕	思维地图在优化初中化学教学中的应用——以“我们周围的空气”复习课为例	教育观察	2020		一般CN
60	化学与分子科学学院	李建通	“以学为本”理念下精细化工单元反应课程建设探索	河南化工	2020		一般CN
61	化学与分子科学学院	李杰	Synthesis and characterization of a novel inorganic-organic hybrid heteropolymolybdate constructed by transition-metal (NiII)	化学研究	2020		一般CN
62	化学与分子科学学院	李明雪	Supermolecular film crosslinked by polyoxometalate and chitosan with superior antimicrobial effect	Int. J. Biol. Macromol.	2020	WOS:000533508600072	SCI 二区
63	化学与分子科学学院	李明雪	Synthesis, characterization and in vitro antibacterial mechanism study of two	J. Inorg. Biochem.	2020	WOS:000564739400007	SCI 三区
64	化学与分子科学学院	李明雪	Synthesis, characterization and bioactivities of a new covalent copper(II) compound derived from [P2Mo5O23]6- and	Bioorg. Med. Chem. Lett.	2020	WOS:000499694600017	SCI 三区
65	化学与分子科学学院	李明雪	A New Cobalt(III)/[Mo6O19]2- Heterogeneous Catalyst for Promoting the Oxidative Coupling of Amines to Imines	Catal. Lett.,	2020	WOS:000513263600014	SCI 三区
66	化学与分子科学学院	李明雪	Diorganotin(IV) complexes derived from N-terminal methylation of Trianpine: synthesis, characterization and	J. Organomet. Chem.	2020	WOS:000517798600007	SCI 四区
67	化学与分子科学学院	李明雪	Synthesis, characterization and cytotoxicity of Fe3O4 and Strandberg-type phosphomolybdate conjugated	Biomed. Phy. Eng. Express	2020	WOS:000459746400003	SCI 四区
68	化学与分子科学学院	李明雪	银纳米粒子的抗菌活性研究进展	化学研究	2020		一般CN
69	化学与分子科学学院	李润明	聚甲醛结晶过程的流变学方法探索	化学研究	2020		一般CN
70	化学与分子科学学院	李润明	EVA胶膜交联过程中的黏弹性能演进	化学研究	2020		一般CN

71	化学与分子科学学院	李亚敏	Five isomorphous polyoxometalate-based inorganic-organic hybrid materials comprising 2D metal-organic layer	Journal of Solid State Chemistry	2020	WOS:000580635900043	SCI 三区
72	化学与分子科学学院	李亚敏	One POM-based Coordination Polymer with 2,6-Bis(1-imidazoly) Pyridine as the Ligand: Synthesis, Structure and Characterizations	Chinese J. Struct. Chem.	2020	WOS:000551343300023	SCI 三区
73	化学与分子科学学院	李永红	探究式教学法在物理化学教学中的实践	化学工程与装备	2020		一般CN
74	化学与分子科学学院	刘红玲	基于La _{1-x} Sr _x MnO ₃ 的纳米复合物的研究进展	化学研究	2020		一般CN
75	化学与分子科学学院	刘红玲	基于化学核心素养下的实验教学设计——以“氨气喷泉实验	教育现代化	2020		一般CN
76	化学与分子科学学院	刘红玲	基于核心素养的哲学与化学融合的教学研究——以人教版 4 “化学平衡” 为例	教育现代化	2020		一般CN
77	化学与分子科学学院	刘红玲	Synthesis, Characterization and Dye Removal Behavior of Core-Shell-Shell Fe ₃ O ₄ /Ag/Polyoxometalates Ternary	NANOMATERIALS	2020	000489101900072	SCI-二区
78	化学与分子科学学院	刘红玲	过程性评价在化学教学中的价值分析及改进策略	中学化学教学参考	2020		一般CN
79	化学与分子科学学院	刘山虎	Hydrothermally/electrochemically decorated FeSe on Ni-foam electrode: An efficient bifunctional electrocatalysts for overall	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2020	WOS:000578042500051	JCR-Top期刊
80	化学与分子科学学院	刘山虎	Boosting the electrochemical performance of MoS ₂ nanospheres-N-doped-GQDs-rGO three-dimensional nanostructure for energy storage	APPLIED SURFACE SCIENCE	2020	WOS:000502040600131	JCR-Top期刊
81	化学与分子科学学院	刘山虎	Spatial Compartmentalization of Cobalt Phosphide in P-Doped Dual Carbon Shells for Efficient Alkaline Overall Water Splitting	INORGANIC CHEMISTRY	2020	WOS:000511246600043	JCR-Top期刊
82	化学与分子科学学院	刘山虎	Ti ³⁺ self-doped TiO ₂ -x nanowires for efficient electrocatalytic N ₂ reduction to NH ₃	CHEMICAL COMMUNICATIONS	2020	WOS:000508933700011	JCR-TOP期刊 (非第一单位)
83	化学与分子科学学院	刘山虎	A mesoporous silver-doped TiO ₂ -SnO ₂ nanocomposite on g-C ₃ N ₄ nanosheets and decorated with a hierarchical core-shell	MICROCHIMICA ACTA	2020	WOS:000513176700004	SCI 二区
84	化学与分子科学学院	刘山虎	Recent Advances in durability of superhydrophobic self-cleaning technology: A critical review	PROGRESS IN ORGANIC COATINGS	2020	WOS:000505157300034	SCI 二区
85	化学与分子科学学院	刘山虎	小学低年级科学拓展课程的开发策略	课程教育研究	2020	分类号: G623.6	一般CN
86	化学与分子科学学院	刘山虎	化学小实验在小学低年级科学教育中的应用	教育现代化	2020	分类号: G623.6	一般CN
87	化学与分子科学学院	刘小强	Synthesis of a PEDOT-TiO ₂ heterostructure as a dual biosensing platform operating via photoelectrochemical and electrochemical	Biosensors and Bioelectronics	2020	WOS:000541154800003	JCR-Top期刊
88	化学与分子科学学院	刘小强	Oxygen vacancies enhanced photoelectrochemical aptasensing of 2, 3', 5, 5' - tetrachlorobiphenyl amplified with Ag ₃ VO ₄	Biosensors and Bioelectronics	2020	WOS:000571110700006	JCR-Top期刊

89	化学与分子科学学院	刘小强	An integrated energy-efficient electrochromic device for salt water purification	ChemComm	2020	WOS:000560564400035	JCR-Top期刊
90	化学与分子科学学院	刘小强	A NiCo2S4@N/S - CeO2 composite as an electrocatalytic signal amplification label for aptasensing.	Journal of Materials Chemistry C	2020	WOS:000586316600033	JCR-Top期刊
91	化学与分子科学学院	刘小强	Development of an interfacial osmosis diffusion method to prepare imine-based covalent organic polymer electrocatalysts for	Electrochimica Acta	2020	WOS:000582869700068	JCR-Top期刊
92	化学与分子科学学院	刘小强	Detection signal amplification strategies at nanomaterial-based photoelectrochemical biosensors	Journal of Materials Chemistry B	2020	WOS:000570011300002	SCI二区
93	化学与分子科学学院	刘小强	Ultrasensitive photoelectrochemical aptasensor for diclofenac sodium based on surface-modified TiO2-EuVO4 composite	Analytical and Bioanalytical Chemistry	2020	WOS:000584954900001	SCI三区
94	化学与分子科学学院	刘绣华	Enhanced molecular imprinted electrochemical sensor based on zeolitic imidazolate framework/reduced graphene oxide for highly	Analytica Chimica Acta	2020	WOS:000519110500011	SCI二区
95	化学与分子科学学院	刘绣华	Effect of surface properties on the electrochemical response of cynarin by electro-synthesized functionalized-	Materials Science & Engineering C	2020	WOS:000579654700036	SCI二区
96	化学与分子科学学院	刘勇	聚离子液体载MoO2/Ag催化分子氧氧化苯乙烯的研究	化工学报	2020		A类期刊
97	化学与分子科学学院	刘勇	Colorimetric method for PARP-1 detection based on preventing AuNRs from etching by molybdate	Sensors and Actuators B: Chemical	2020	WOS:000581627000039	JCR-Top期刊 (第一单位)
98	化学与分子科学学院	刘勇	Design of nitrogen-doped graphitized 2D hierarchical porous carbons as efficient solid base catalysts for transesterification to	Green Chemistry	2020	WOS:000523465000027	JCR-Top期刊 (非第一单位)
99	化学与分子科学学院	刘勇	Enhancing hydrogel-based long-lasting chemiluminescence by a platinum-metal organic framework and its application in array	Nanoscale	2020	WOS:000519117800014	JCR-Top期刊 (非第一单位)
100	化学与分子科学学院	刘勇	Renewable electrochemical sensor for PARP-1 activity detection based on host-guest recognition	Biosensors and Bioelectronics	2020	WOS:000501415300023	JCR-Top期刊 (非第一单位)
101	化学与分子科学学院	刘勇	Developing Bronsted -Lewis acids bifunctionalized ionic liquids based heteropolyacid hybrid as high-efficient solid	Journal of Industrial and Engineering Chemistry	2020	WOS:000580635100019	SCI二区
102	化学与分子科学学院	刘勇	Soybean straw biomass-derived Fe - N co-doped porous carbon as an efficient electrocatalyst for oxygen reduction in both alkaline and	RSC Advances	2020	WOS:000517310200004	SCI三区
103	化学与分子科学学院	刘勇	A novel honeycomb Fe-N-C composition derived from wheat flour as an efficiency catalyst for the oxygen reduction reaction	Journal of Solid State Electrochemistry	2020	WOS:000527499100002	SCI三区
104	化学与分子科学学院	刘勇	双磺酸基功能化多酸类离子液体的制备及其催化合成乙 酸正丁酯	化学研究	2020		一般CN
105	化学与分子科学学院	刘云	高校药学专业有机化学实验教改	科技信息	2020		一般CN
106	化学与分子科学学院	卢明华	石墨相氮化碳材料在样品前处理中的研究	色谱	2020		C类期刊

107	化学与分子科学学院	卢明华	Facile preparation of reduced graphene oxide/ZnFe ₂ O ₄ nanocomposite as magnetic sorbents for enrichment of estrogens	Talanta	2020	WOS:000503314200083	SCI二区
108	化学与分子科学学院	卢明华	Monodispersed mesoporous SiO ₂ @metal-organic framework (MSN@MIL-101(Fe)) composites as sorbent for extraction and preconcentration of	Microchimica Acta	2020	WOS:000540060700002	SCI二区
109	化学与分子科学学院	卢明华	Preparation of Al-doped mesoporous crystalline material-41 (Al-MCM-41) as fiber coating material for headspace solid-phase	J. Chromatogr. A	2020	WOS:000564320000006	SCI二区
110	化学与分子科学学院	马鹏涛	An organic chromophore -modified samarium-containing polyoxometalate: excitation-dependent color tunable behavior from the	Dalton Trans.	2020	WOS:000527524300013	SCI二区
111	化学与分子科学学院	马鹏涛	Magnetic field and dilution effects on the slow relaxation of {Er ³⁺ } triangle-based arsenotungstate single-molecule magnets	Dalton Trans.	2020	WOS:000569986300036	SCI二区
112	化学与分子科学学院	马鹏涛	H-shaped oxalate-bridging lanthanoidincorporated arsenotungstates	Dalton Trans.	2020	WOS:000590136500017	SCI二区
113	化学与分子科学学院	马鹏涛	Luminescent dimeric polyoxotungstate [Ho(C ₄ H ₂ O ₆)(α -PW11039)] ₂ ·6H ₂ O with magnetism and reversible photochromism	J. Lumin.	2020	WOS:000501362400001	SCI三区
114	化学与分子科学学院	马鹏涛	一例单缺位Dawson型多酸稀土衍生物的合成、结构及荧光性	化学研究	2020		一般CN
115	化学与分子科学学院	毛利群	PtNi ₃ Cu ₂ concave nanocubes: synthesis and application in photocatalytic hydrogen generation	Catalysis Science & Technology	2020	000505550900007	SCI二区
116	化学与分子科学学院	毛利群	Improvement of photocatalytic hydrogen generation of leaves-like CdS microcrystals with a surface decorated by dealloyed Pt-Cu	Solar Energy	2020	000566913700002	SCI二区
117	化学与分子科学学院	牛景杨	A Lacunary Polyoxovanadate Precursor and TM-sandwiched Derivatives for Catalytic Oxidation of Sulfides	Chem. Eur. J.	2020	WOS:000531306300001	JCR-Top期刊 (第一单位)
118	化学与分子科学学院	牛景杨	A 1D Helical Chain Heteropolyniobate Templated by AsO ₄ ³⁻	Inorg. Chem.	2020	WOS:000511246600040	JCR-Top期刊 (第一单位)
119	化学与分子科学学院	牛景杨	Oxyfunctionalization of Alkanes Based on a Tricobalt(II)-Substituted Dawson-Type Rhenium Carbonyl Derivative as Catalyst	Inorg. Chem.	2020	WOS:000548456300009	JCR-Top期刊 (第一单位)
120	化学与分子科学学院	牛景杨	Versatile {Cp ₂ Ti} Grafted Hetero-Polyoxotungstate Clusters: Synthesis, Crystal Structure, and Photocurrent Properties	Inorg. Chem.	2020	WOS:000509420100021	JCR-Top期刊 (第一单位)
121	化学与分子科学学院	牛景杨	Polyoxometalate-supported metal carbonyl derivatives: from synthetic strategies to structural diversity and applications	Inorg. Chem. Front.	2020	WOS:000512754200003	JCR-Top期刊 (第一单位)
122	化学与分子科学学院	牛景杨	A silver-substituted phosphomolybdate prevents the growth of bacteria without affecting the balance of reactive oxygen species	CrystEngComm	2020	WOS:000592063600009	SCI二区
123	化学与分子科学学院	牛景杨	Synthesis and Characterization of an Octanuclear Nickel(II) Polyoxometalate Cluster	J. Coord. Chem.	2020	WOS:000553315700001	SCI四区
124	化学与分子科学学院	潘卉	长链烷基酸改性纳米TiO ₂ -氧化石墨烯/功能聚合物复合皮革涂饰剂的制备及应用	河南大学学报 (自然科学版)	2020		C类期刊

125	化学与分子科学学院	潘卉	Synergistic effects of hydrophilic nano-SiO ₂ /graphene oxide @ copolymer nanocomposites in tanning leather	Advanced Powder Technology	2020	WOS:000579717400021	SCI 二区
126	化学与分子科学学院	祁志冲	Effects of clay colloids on ciprofloxacin transport in saturated quartz sand porous media under different solution chemistry	Ecotoxicology and Environmental Safety	2020	WOS:000536056600017	SCI 二区
127	化学与分子科学学院	祁志冲	Effect of phosphate on the adsorption of antibiotics onto iron oxide minerals: Comparison between tetracycline and	Ecotoxicology and Environmental Safety	2020	WOS:000582219300084	SCI 二区
128	化学与分子科学学院	祁志冲	Inhibitory role of citric acid in the adsorption of tetracycline onto biochars: Effects of solution pH and Cu ²⁺	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020	WOS:000528865400019	SCI 三区
129	化学与分子科学学院	祁志冲	Role of solution chemistry in the attachment of graphene oxide nanoparticles onto iron oxide minerals with different characteristics	Environmental Science and Pollution Research	2020	WOS:000571705600003	SCI 三区
130	化学与分子科学学院	祁志冲	Transport of Cd ²⁺ through saturated porous media: Insight into the effects of low-molecular-weight organic acids	Water Research	2020	WOS:000498308000038	顶级期刊
131	化学与分子科学学院	祁志冲	生物炭去除水中四环素的研究进展	化学研究	2020		一般CN
132	化学与分子科学学院	屈建莹	Simultaneous Detection of 4-Aminophenol and Paracetamol Using a Glassy Carbon Electrode Modified with Graphene Oxide, TiO ₂ and Gold	Journal of The Electrochemical Society	2020	WOS:000525452600001	SCI 二区
133	化学与分子科学学院	屈建莹	Fast Synthesis of Copper-Nickel Bimetal and Reduced Graphene Hybrid Nanomaterial for Sensitive Sensing of 4-Aminophenol and	Journal of The Electrochemical Society	2020	WOS:000581606200001	SCI 二区
134	化学与分子科学学院	屈建莹	Rapid synthesis of a hybrid of rGO/AuNPs/MWCNTs for sensitive sensing of 4-aminophenol and acetaminophen simultaneously	Analytical and Bioanalytical Chemistry	2020	WOS:000558613100002	SCI 三区
135	化学与分子科学学院	任铁钢	实验教学中巧设“示错情境”发展化学思维——以“防倒吸装置及原理”教学为例	教育与装备研究	2020		一般CN
136	化学与分子科学学院	任艳蓉	Core-Shell Structured Phenolic Polymer@TiO ₂ Nanosphere with Enhanced Visible-Light Photocatalytic Efficiency	Nanomaterials	2020	WOS:000526090400067	SCI 二区
137	化学与分子科学学院	任艳蓉	Ag-TiO ₂ 复合纳米材料制备及其光催化应用研究进展	化学研究	2020		一般CN
138	化学与分子科学学院	孙琳	Syntheses, structures and fluorescence properties of cadmium coordination polymers based on pyridyl-triazole ligand	化学研究	2020		一般CN
139	化学与分子科学学院	汤雁婷	复合光催化剂TS-1 的制备及降解四环素的性能研究	化学研究	2020		一般CN
140	化学与分子科学学院	汤雁婷	无模板剂多级孔Ni-ZSM-5 分子筛制备及其吸附噻吩性能	化学反应工程与工艺	2020		中文核心
141	化学与分子科学学院	田亚杰	Effects of Crystallite Sizes of Pt/HZSM-5 Zeolite Catalysts on the Hydrodeoxygenation of Guaiacol	nanomaterials	2020	WOS:000593838200001	SCI 二区
142	化学与分子科学学院	王冠	Controlled Synthesis and Properties of 3d-4f Metals Co-doped Polyoxometalates-Based Materials	Nanoscale Research Letters	2020	WOS: 000590474300001	SCI 三区

143	化学与分子科学学院	王冠	Syntheses and multi-emissive properties of CeF3:Tb3+-doped phosphotungstate solid nanospheres	Inorganic and Nano-Metal Chemistry	2020	WOS: 000512898400001	SCI 四区
144	化学与分子科学学院	王冠	CeF3 : Tb3+ 掺杂磷钨酸钠纳米球的合成、表征及荧光性质	化学研究	2020		一般CN
145	化学与分子科学学院	王敬平	36-Nuclearity Organophosphonate-Functionalized Polyoxomolybdates: Synthesis, Characterization and Selective Catalytic Oxidation of Sulfides	Chem. Eur. J.	2020	WOS:000577736800001	JCR-Top期刊 (第一单位)
146	化学与分子科学学院	王敬平	Sandwich-Type Heteropolyniobate Templated by Mixed Heteroanions.	Inorg. Chem.	2020	WOS:000541873600001	JCR-Top期刊 (第一单位)
147	化学与分子科学学院	王敬平	Synthesis and Characterization of a Crown-Shaped 36-Molybdate Cluster and Application in Catalyzing Knoevenagel Condensation	Inorg. Chem.	2020	WOS:000558727500032	JCR-Top期刊 (第一单位)
148	化学与分子科学学院	王敬平	Trinuclear Ruthenium Core-Containing Polyoxometalate-Based Hybrids: Preparation, Characterization and Catalytic Behavior	Dalton Trans.	2020	WOS:000527534400014	SCI 二区
149	化学与分子科学学院	王敬平	Selenotungstates Incorporating Organophosphonate Ligands and Metal Ions: Synthesis, Characterization, Magnetism and	Dalton Trans.	2020	WOS:000542716300014	SCI 二区
150	化学与分子科学学院	王敬平	Two synthetic routes generate two isopolyoxoniobates based on {Nb16} and {Nb20}	Dalton Trans.	2020	WOS:000507637000001	SCI 二区
151	化学与分子科学学院	王敬平	A new phosphotungstate-supported rhenium carbonyl derivative: synthesis, characterization and catalytic selective	CrystEngComm	2020	WOS:000507597200014	SCI 二区
152	化学与分子科学学院	王敬平	一例含有八核钴簇的锗钨酸盐的合成、结构及性质	无机化学学报	2020	WOS:000539209800011	SCI 四区
153	化学与分子科学学院	王敬平	一例夹心型混合价铈钨酸盐的合成、结构及性质	无机化学学报	2020	WOS:000538629600020	SCI 四区
154	化学与分子科学学院	王丽	Insight into inhibition behavior of novel ionic liquids for magnesium alloy in NaCl solution: Experimental and theoretical	Corrosion Science	2020	WOS: 000518488800042	JCR-Top期刊 (第一单位)
155	化学与分子科学学院	王丽	Adsorbed film and synergistic effect of Benzyltriphenylphosphonium chloride and L-Histidine for magnesium alloys corrosion in	Journal of Alloys and Compounds	2020	WOS: 000573233800011	JCR-Top期刊 (第一单位)
156	化学与分子科学学院	王丽	Computational Protocol for Precise Prediction of Dye-Sensitized Solar Cell Performance	The Journal of Physical Chemistry C	2020	WOS: 000515216500006	JCR-Top期刊 (第一单位)
157	化学与分子科学学院	王丽	Rational Design of Phenothiazine-Based Organic Dyes for Dye Sensitized Solar Cells: The Influence of π	The Journal of Physical Chemistry C	2020	WOS: 000529873300016	JCR-Top期刊 (第一单位)
158	化学与分子科学学院	王丽	Influence of Different Molecular Design Strategies on Photovoltaic Properties of a Series of Triphenylamino-Based Organic Dyes	The Journal of Physical Chemistry C	2020	WOS: 000551543800010	JCR-Top期刊 (第一单位)
159	化学与分子科学学院	王丽	Orange peel extracts as biodegradable corrosion inhibitor for magnesium alloy in NaCl solution: Experimental and theoretical	Journal of the Taiwan Institute of Chemical Engineers	2020	WOS: 000593753700005	SCI 二区
160	化学与分子科学学院	王丽	Influence of ionic liquids microenvironment on the coupling reaction of epoxide and carbon dioxide: DET and MD	Journal of Molecular Liquids	2020	WOS: 000538630500033	SCI 二区

161	化学与分子科学学院	王丽	Influence of π spacer of donor-acceptor- π -acceptor sensitizers on photovoltaic properties in dye-sensitized solar cells	Organic Electronics	2020	WOS: 000496945200004	SCI二区
162	化学与分子科学学院	王丽	Synergistic cooperation of bi-active hydrogen atoms in protic carboxyl imidazolium ionic liquids to push cycloaddition of CO ₂ under	Journal of Molecular Liquids	2020	WOS: 000506712600087	SCI二区
163	化学与分子科学学院	王丽	Effect of cluster of protic pyrazolium ionic liquids or epoxides on the cycloaddition of CO ₂	Journal of Molecular Liquids	2020	WOS: 000506728000029	SCI二区
164	化学与分子科学学院	王丽	Theoretical studies of reaction mechanisms for potential reactions of HNCO with HO ₂ radicals	Journal of Chemical Research	2020	WOS: 000556886700001	SCI四区
165	化学与分子科学学院	王琪琳	Chalcone-Based Pyridinium Salts and Their Diastereoselective Dearomatization to Access Ribridged Benzoxazones	Organic Letters	2020	WOS: 000513082700024	JCR-TOP期刊 (第一单位)
166	化学与分子科学学院	王琪琳	Regio- and Diastereoselective Dearomatizations of N-Alkyl Activated Azaarenes: the Maximization of the Reactive Sites	Chemical Science	2020	WOS: 000515700500024	JCR-TOP期刊 (第一单位)
167	化学与分子科学学院	王琪琳	Diazo Activation with Diazonium Salts: Synthesis of Indazole and 1,2,4-Triazole	Organic Letters	2020	WOS: 000538848600021	JCR-TOP期刊 (非第一单位)
168	化学与分子科学学院	王琪琳	高校化学人才培养方案教改意义——以河南大学化学化工学院明德实验班为例	山东化工	2020		一般CN
169	化学与分子科学学院	王新海	A recyclable polydopamine-functionalized reduced graphene oxide/Fe nanocomposite (PDA@Fe/rGO) for the enhanced	Chemical Engineering Journal	2020	WOS:000579752500118	JCR-Top期刊
170	化学与分子科学学院	王新海	氧化石墨烯负载磁性纳米复合材料 (Fe ₃ O ₄ / rGO): 氧化降解三氯乙烯的有效来源	化学研究	2020		一般CN
171	化学与分子科学学院	王延鹏	Crystallization kinetics and morphology of dynamically vulcanized poly(vinylidene fluoride)/silicone rubber blends	POLYMER BULLETIN	2020	WOS:000513234600008	SCI四区
172	化学与分子科学学院	王彦波	Solvent-controlled divergent annulation of ynones and (iso)quinoline N-oxides: of 3-((iso)quinolin-1-yl)-4H-chromen-4-ones and	Chemical Communications	2020	WOS:000510662900033	JCR-Top期刊
173	化学与分子科学学院	王勇	Cu ²⁺ -doped carbon dots as fluorescence probe for specific recognition of Cr(VI) and its antimicrobial activity	Microchemical Journal	2020	WOS:000503315300037	SCI三区
174	化学与分子科学学院	王治华	Isomerically Fused Benzo[i]dithiophenophenazine and Benzo[i]diselenophenophenazine: Synthesis	Crystal Growth & Design	2020	WOS: 000546699900030	SCI二区
175	化学与分子科学学院	吴文鹏	理论预测Al ³⁺ 与一种萘酚衍生物荧光探针分子形成配合物的结构	化学研究	2020		一般CN
176	化学与分子科学学院	肖亚辉	解耦双回路气化系统中生物质催化水蒸气气化制富氢气体	燃料化学学报	2020		EI期刊论文
177	化学与分子科学学院	肖亚辉	Catalytic steam co-gasification of biomass and coal in a dual loop gasification system with olivine catalysts	Journal of the Energy Institute,	2020	WOS:000527368100020	SCI二区
178	化学与分子科学学院	邢瑞敏	Ultrathin MoS ₂ nanosheets in situ grown on rich defective Ni _{0.96} S as heterojunction bifunctional electrocatalysts for alkaline	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2020	WOS:000582322100002	JCR-Top期刊

179	化学与分子科学学院	邢瑞敏	Ultrathin WS2 nanosheets vertically aligned on NiCo2S4@C3N4 hybrid for asymmetric supercapacitor and alkaline hydrogen evolution	APPLIED SURFACE SCIENCE	2020	WOS:000564205300002	JCR-Top期刊
180	化学与分子科学学院	邢瑞敏	Ultrathin WS2 nanosheets vertically aligned on TiO2 nanobelts as efficient alkaline hydrogen evolution electrocatalyst	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2020	WOS:000509629700031	JCR-Top期刊
181	化学与分子科学学院	邢瑞敏	Dual labeled mesoporous silica nanospheres based electrochemical immunosensor for ultrasensitive detection of carcinoembryonic antigen	ANALYTICA CHIMICA ACTA	2020	WOS:000579366900013	SCI 二区
182	化学与分子科学学院	邢瑞敏	Self - cleaning superhydrophobic coatings: Potential industrial applications	PROGRESS IN ORGANIC COATINGS	2020	WOS:000457820100006	SCI 二区
183	化学与分子科学学院	邢瑞敏	Sawdust-based superhydrophobic pellets for efficient oil-water separation	Materials Chemistry and Physics	2020	WOS:000523631300079	SCI 三区
184	化学与分子科学学院	邢瑞敏	Spray Deposition of PDMS/Candle Soot NPs Composite for Self-Cleaning Superhydrophobic Coating	MACROMOLECULAR SYMPOSIA	2020	WOS:000583383300011	SCI 四区
185	化学与分子科学学院	邢瑞敏	Superhydrophobic PU Sponge Modified by Hydrophobic Silica NPs-Polystyrene Nanocomposite for Oil-Water Separation	MACROMOLECULAR SYMPOSIA	2020	WOS:000583383300005	SCI 四区
186	化学与分子科学学院	邢瑞敏	传统文化融入中学化学教学的策略研究	课程教育研究	2020	分类号: G633.8	一般CN
187	化学与分子科学学院	熊恒英	Copper-Mediated Deacylative Coupling of Ynones via C-C Bond Activation under Mild Conditions	organic letters	2020	WOS:000502163300044	JCR-Top期刊
188	化学与分子科学学院	熊恒英	The [3 + 2] Annulation of CF3-Ketimines by Re Catalysis: Access to CF3-Containing Amino Heterocycles and Polyamides	iScience	2020	WOS:000594404600001	SCI 二区
189	化学与分子科学学院	徐浩	Iron Nitrate-Mediated Selective Synthesis of 3-Acyl-1,2,4-oxadiazoles from Alkynes and Nitriles: The Sunlight-Driven Synthesis of 1,2,4-Thiadiazoles via Oxidative Construction of a Nitrogen-Sulfur Bond	J. Org. Chem.	2020	WOS:000526405900008	JCR-TOP期刊 (封面文章)
190	化学与分子科学学院	徐浩	Sunlight-Driven Synthesis of 1,2,4-Thiadiazoles via Oxidative Construction of a Nitrogen-Sulfur Bond	ChemPhotoChem	2020	WOS:000510759500001	SCI 三区
191	化学与分子科学学院	徐浩	调环酸钙的合成工艺研究	化学研究	2020		一般CN
192	化学与分子科学学院	徐括喜	Visible and Reversible Restrict of Molecular Configuration by Copper Ion and Pyrophosphate	ACS Sensors	2020	WOS:000580635900043	JCR-Top期刊 (第一单位)
193	化学与分子科学学院	徐括喜	A novel near -infrared turn -on fluorescent probe for the detection of Fe 3+and Al 3+and its applications in living cells imaging	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	WOS:000542569000018	SCI 三区
194	化学与分子科学学院	徐括喜	Coumarin-based colorimetric-fluorescent sensors for the sequential detection of Zn2+ ion and phosphate anions and applications in living cells imaging	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	WOS:000513010500093	SCI 三区
195	化学与分子科学学院	徐括喜	Fluorescent schiff base probes for sequential detection of Al3+ and F- and cell imaging applications	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	WOS:000504050600043	SCI 三区
196	化学与分子科学学院	徐括喜	Indole-based colori/fluorimetric probe for selective detection of Cu2+ and application in living cell imaging	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	WOS:000504048400040	SCI 三区

197	化学与分子科学学院	徐括喜	A dual fluorescence probe for Zn ²⁺ and Al ³⁺ through differentially response and bioimaging in living cells	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	WOS: 000504048200005	SCI 三区
198	化学与分子科学学院	徐括喜	A hemicyanine-based “turn-on” fluorescent probe for the selective detection of Cu ²⁺ ions and imaging in living cells	Analytical Methods	2020	WOS: 000569698600001	SCI 三区
199	化学与分子科学学院	徐括喜	A Novel Phenanthroline-Based Fluorescent Probe for Pb(II)	Chinese Journal of Organic Chemistry	2020	WOS: 000581125800029	SCI 三区
200	化学与分子科学学院	徐莉	茈-环八四噻吩衍生物的合成与发光现象研究	有机化学	2020	WOS: 000560811400024	SCI 三区
201	化学与分子科学学院	许英	Corrosion Inhibition Effect of Daucus Carota Stem and Leaf-	SURFACE TECHNOLOGY	2020		EI
202	化学与分子科学学院	许英	The synthesis of polyaspartic acid derivative PASP-	RSC Advances	2020	WOS: 000568227200063	SCI 三区
203	化学与分子科学学院	许英	Design and Practice of Chemistry Teachers -	Journal of Education, Society and Behavioural Science	2020		SCI 四区
204	化学与分子科学学院	许英	基于 4 R 理论的化学史教学设计	中学化学教学参考	2020		一般CN
205	化学与分子科学学院	许英	国际课程IB与人教版高中化学教材中 “苯” 的比较研究	教育教学论坛	2020		一般CN
206	化学与分子科学学院	杨浩	Adsorptive Desulfurization of Organic Sulfur from Model Fuels by	International Journal Chemical Engineering	2020	WOS: 000546251600001	SCI 四区
207	化学与分子科学学院	杨浩	《化学反应工程》课程思政的教学探索与思考	教育现代化	2020		一般CN
208	化学与分子科学学院	杨立荣	A multi-responsive chemosensor for highly sensitive and selective detection of Fe ³⁺ , Cu ²⁺	Dalton Transactions	2020	WOS: 000573716500008	SCI 二区
209	化学与分子科学学院	杨立荣	游戏教学在初中化学复习教学中地应用	中学化学教学参考	2020		一般CN
210	化学与分子科学学院	杨立荣	基于三重表征的“离子反应”教学设计	中学化学教学参考	2020		一般CN
211	化学与分子科学学院	杨丽	A novel reversible fluorescent probe for Zinc(II) ion and bioimaging in living cells	Supramolecular Chemistry	2020	WOS: 000558391600001	SCI 四区
212	化学与分子科学学院	于欣	Mesocrystalline Ta ₃ N ₅ superstructures with long-lived charges for improved visible light photocatalytic hydrogen production	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2020	WOS: 000504130200038	SCI 二区
213	化学与分子科学学院	于欣	Visible light photocatalysis of amorphous Cl-Ta ₂ O ₅ -x microspheres for stabilized hydrogen generation	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2020	WOS: 000529798100015	SCI 二区
214	化学与分子科学学院	于欣	Photo-induced synthesis of nanostructured Pt-on-Au/g-C(3)N(4) composites for visible light photocatalytic hydrogen production	JOURNAL OF MATERIALS SCIENCE	2020	WOS: 000562673700005	SCI 三区

215	化学与分子科学学院	于欣	Realizing improved defect-mediated charge separation by assembling C-TiO ₂ -x nanodots into nanostructured microspheres	VACUUM	2020	WOS:000580600700062	SCI三区
216	化学与分子科学学院	张超	Synthesis and Mechanism Studies of a High-Nuclear Mn ₇₂ W ₄₈ Cluster	Inorganic Chemistry	2020	WOS:000575028000084	JCR-Top期刊 (第一单位)
217	化学与分子科学学院	张东娣	A large molecular cluster with high proton release capacity	CHEMICAL COMMUNICATIONS	2020	WOS:000580724600033	JCR-Top (非第一单位)
218	化学与分子科学学院	张东娣	Unraveling the Effects of Cobalt on Crystal Growth and Solution Behavior of Nb ₆ P ₂ W ₁₂ -based Dimeric Clusters	INORGANIC CHEMISTRY	2020	WOS:000535304900011	JCR-Top (非第一单位)
219	化学与分子科学学院	张东娣	Discovery of the selenotantalate building block and its lanthanide derivatives: design, synthesis, and RhB decolorization properties	DALTON TRANSACTIONS	2020	WOS:000527538300019	SCI二区
220	化学与分子科学学院	张东娣	Copper(II)-ethylenediamine linked Nb-24 dimer with one dimensional chain architecture	INORGANICA CHIMICA ACTA	2020	WOS:000531818500003	SCI三区
221	化学与分子科学学院	张东娣	Ion-pairs of structurally related polyoxotantalate clusters and divalent metal cations	JOURNAL OF COORDINATION CHEMISTRY	2020	WOS:000579310700001	SCI四区
222	化学与分子科学学院	张东娣	Morphology-Controlled Syntheses and Functionalization of Trivacant Silicotungstate Nano-materials	CHINESE JOURNAL OF INORGANIC CHEMISTRY	2020	WOS:000562093900022	SCI四区
223	化学与分子科学学院	张光武	Copper-Mediated Deacylative Coupling of Ynones via C-C Bond Synthesis of β -CF ₃ β -Amino Esters with an Indane Backbone by Phenium-	organic letters	2020	WOS:000592988800023	JCR-Top期刊
224	化学与分子科学学院	张普玉	《高分子化学》课程中“活性自由基聚合”的教学实践	高分子通报	2020		C类期刊
225	化学与分子科学学院	张普玉	离子液体溶解纤维素的研究	化学通报	2020		中文核心
226	化学与分子科学学院	张庆友	Estimation of Ionic..	Molecular Informatics	2020	000546634100001	SCI三区
227	化学与分子科学学院	张文凯	Quantification of the Optical Properties of Perovskite Nanocrystals Using a Combination of Polarized Resonance Synchronous and Polarized	The Journal of Physical Chemistry C	2020	000574908200052	JCR-Top期刊 (非第一单位)
228	化学与分子科学学院	张文凯	等离激元表面晶格共振研究进展	化学研究	2020		一般CN
229	化学与分子科学学院	张永娜	Enantioselective (3+2) cycloaddition via N-heterocyclic carbene-catalyzed addition of homoconalates to cyclic N-sulfonyl	Chemical Communications	2020	WOS:000511328200016	JCP-Top(第一单位)
230	化学与分子科学学院	张永娜	Research Progress in Asymmetric Reactions of Imines Using Chiral Primary Amines as Organocatalysts	Chinese Journal of Organic Chemistry	2020	WOS:000560811400009	SCI三区
231	化学与分子科学学院	张予东	聚邻甲氧基苯酚抗氧剂对聚丙烯结晶动力学的影响	石油化工	2020		B类期刊
232	化学与分子科学学院	赵俊伟	Polyoxometalate-based composite materials in electrochemistry: state-of-the-art progress and future outlook	Nanoscale	2020	WOS:000520487300001	JCR-Top 期刊

233	化学与分子科学学院	赵俊伟	Multi-praseodymium-and-tungsten bridging octameric tellurotungstate and its 2D honeycomb composite film for detecting	Nanoscale	2020	WOS:000537113200038	JCR-Top 期刊
234	化学与分子科学学院	赵俊伟	Construction of Ln3+-substituted arsenotungstates modified by 2,5-thiophenedicarboxylic acid and application in	Inorg. Chem.	2020	WOS:000535304900021	JCR-Top 期刊
235	化学与分子科学学院	赵俊伟	Organic-Inorganic Hybrid Cerium-Encapsulated Selenotungstate Including Three Building Blocks and Its Electrochemical Detection of	Inorg. Chem.	2020	WOS:000584351700069	JCR-Top 期刊
236	化学与分子科学学院	赵俊伟	An unprecedented polyhydroxycarboxylic acid ligand bridging multi-EuIII incorporated tellurotungstate and its luminescence	Dalton Trans.	2020	WOS:000552458700013	SCI二区
237	化学与分子科学学院	赵俊伟	Lanthanide-incorporated borotungstates including Keggin-type [BW11039]9- fragments and their luminescence properties	Cryst. Growth Des.	2020	WOS:000506088200043	SCI二区
238	化学与分子科学学院	赵俊伟	A penta-EuIII sandwiched Dawson selenotungstate and its unique luminescence properties	Eur. J. Inorg. Chem.	2020	WOS:000561754200001	SCI三区
239	化学与分子科学学院	赵俊伟	Tetrahedral {HP03} and {W04} group simultaneously directing tri-Tb(III)-containing antimonotungstate and its	Inorg. Chem. Commun.	2020	WOS:000564603300003	SCI四区
240	化学与分子科学学院	赵俊伟	First high-nuclearity mixed-valence polyoxometalate with hierarchical interconnected Zn2+ migration channels as an	Nano Energy	2020	WOS:000546639800009	顶级期刊
241	化学与分子科学学院	种瑞峰	学生自主设计仪器分析实验的思考	化学研究	2020		一般CN
242	化学与分子科学学院	周倩	Recent advances in photoelectrochemical biosensors for analysis of mycotoxins in food	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	2020	WOS:000518368000029	JCR-Top期刊 (第一单位)
243	化学与分子科学学院	周倩	适配体传感器在肿瘤标志物检测中的研究进展	化学研究	2020		一般CN
244	化学与分子科学学院	周倩	Plasmonic enhanced photoelectrochemical aptasensor with D-A F8BT/g-C3N4 heterojunction and AuNPs on a 3D-printed device	SENSORS AND ACTUATORS B-CHEMICAL	2020	WOS:000519306300041	JCR-Top期刊 (非第一单位)
245	化学与分子科学学院	周倩	CoOOH nanosheets-coated g-C3N4/CuInS2 nanohybrids for photoelectrochemical biosensor of carcinoembryonic antigen coupling	SENSORS AND ACTUATORS B-CHEMICAL	2020	WOS:000508110400020	JCR-Top期刊 (非第一单位)
246	化学与分子科学学院	周艳梅	Synthesis of N/S co-doped porous carbon microspheres based on amino acid protic salt for supercapacitor	Journal of Alloys and Compounds	2020	WOS:000523555300125	JCR-Top (第一单位)
247	化学与分子科学学院	周艳梅	A facile AIEgen-based fluorescent probe design strategy and its application in hypochlorite probe construction	Sensors & Actuators: B. Chemical	2020	WOS: 000532684800007	JCR-Top (第一单位)
248	化学与分子科学学院	周艳梅	A facile ratiometric sensing platform based on inner filter effect for hypochlorous acid detection	Sensors & Actuators: B. Chemical	2020	WOS: 000581627000010	JCR-Top (第一单位)
249	化学与分子科学学院	周艳梅	A bifunctional recoverable catalyst based on phosphotungstic acid for cellulose hydrolysis to fermentable sugars	Fuel Processing Technology	2020	WOS:000513295200018	SCI二区
250	化学与分子科学学院	周艳梅	Intercalated MXene-based layered composites: Preparation and application.	Chinese Chemical Letters	2020	WOS:000528911100007	SCI二区

251	化学与分子科学学院	周艳梅	Carbon Dot-Regulated 2D MXene Films with High Volumetric Capacitance.	Industrial & Engineering Chemistry Research	2020	WOS: 000558791400013	SCI 三区
252	化学与分子科学学院	朱金花	Molecularly Imprinting Polymers (MIP) Based on Nitrogen Doped Carbon Dots and MIL-101(Fe) for Doxorubicin Hydrochloride Delivery.	Nanomaterials	2020	WOS:000580770000001	SCI 二区
253	化学与分子科学学院	朱金花	Synthesis and characterization of PEDOT-MC decorated AgNPs for voltammetric detection of rutin in real samples.	Journal of Electroanalytical Chemistry	2020	WOS:000588305500038	SCI 三区
254	化学与分子科学学院	朱金花	Development of an on-line immobilized α -glucosidase microreactor coupled to liquid chromatography for screening of α -glucosidase.	Journal of Pharmaceutical and Biomedical Analysis	2020	WOS:000514256500003	SCI 三区
255	化学与分子科学学院	朱金花	Online coupling Fe ₃ O ₄ @ZIF-67/ α -glucosidase biomicroreactor with high performance liquid chromatography for rapid screening of α -glucosidase.	Journal of Chromatography B	2020	WOS:000589228200005	SCI 三区
256	化学与分子科学学院	朱金花	Drug Delivery System and in Vitro Release of Luteolin Based on Magnetic Nanocomposite (Fe ₃ O ₄ @ZIF-67).	Micro & Nano Letters	2020	WOS:000541529900002	SCI 四区
257	化学与分子科学学院	朱金花	Green synthesis of silver nanoparticles from Lonicera japonica leaf extract and their anti-inflammatory and antibacterial effects.	Micro & Nano Letters	2020	WOS:000541516500006	SCI 四区
258	化学与分子科学学院	朱金花	Variation in contents of active components and antibacterial activity in different parts of Lonicera japonica Thunb.	Asian Biomedicine	2020	WOS:000551169000004	SCI 四区
259	化学与分子科学学院	朱金花	吴茱萸中吴茱萸碱和吴茱萸次碱的提取方法研究	化学研究	2020		一般CN
260	化学与分子科学学院	朱金花	基于“通专融合”的通识课程教学改革研究	大学教育	2020		一般CN
261	化学与分子科学学院	朱俊彦	Hierarchical self-assembly of helical coordination polymers and formation of a lamellar structure via the cooperativity of two-	Nanoscale	2020	WOS:000541868300007	JCR-Top期刊 (第一单位)
262	化学与分子科学学院	朱俊彦	Reversible Ligand-Gated Ion Channel via Interconversion between Hollow Single Helix and Intertwined Double Helix.	Angewandte Chemie-International Edition	2020	WOS:000535291600001	顶级期刊
263	化学与分子科学学院	Hans Agren	PbSe Nanocrystals Produced by Facile Liquid Phase Exfoliation for Efficient UV-Vis Photodetectors.	Advanced Functional Materials	2021	WOS:000618950000001	顶级期刊 (非第一单位)
264	化学与分子科学学院	Hans Agren	Applications of Few-Layer Nb ₂ C MXene: Narrow-Band Photodetectors and Femtosecond Mode-Locked Fiber Lasers.	ACS Nano	2021	WOS:000613942700071	顶级期刊 (非第一单位)
265	化学与分子科学学院	Hans Agren	Hetero-MXenes: Theory, Synthesis, and Emerging Applications	Advanced Materials	2021	WOS:000608234600001	JCR-Top期刊 (非第一单位)
266	化学与分子科学学院	Hans Agren	Ultra-Small 2D PbS Nanoplatelets: Liquid-Phase Exfoliation and Emerging Applications for Photo-Electrochemical Photodetectors.	Small	2021	WOS:000607600900001	JCR-Top期刊 (非第一单位)
267	化学与分子科学学院	Hans Agren	A Facile Approach for Elemental-Doped Carbon Quantum Dots and Their Application for Efficient Photodetectors.	Small	2021	WOS:000724121100001	JCR-Top期刊 (非第一单位)
268	化学与分子科学学院	柏	Construction of 2D polyoxoniobate/RGO heterojunction photocatalysts for the enhanced photodegradation of tetracycline.	APPLIED SURFACE SCIENCE	2021	WOS:000639670200005	JCR-Top期刊 (第一单位)

269	化学与分子科学学院	卜站伟	Diastereoselective trifunctionalization of pyridinium salts to access structurally crowded azaheteropolycycles	Chemical Communications	2021	WOS:000687736300001	JCR-Top期刊 (第一单位)
270	化学与分子科学学院	卜站伟	Access to Tetrasubstituted Tri(indolyl)methanes through Copper-Catalyzed Addition/Substitution Sequence	Chinese Journal of Organic Chemistry	2021	WOS:000634840300027	SCI 三区
271	化学与分子科学学院	蔡永红	N-氨基甲酰马来酸接枝聚天冬氨酸聚合物的合成及其阻垢性能研究	化学研究	2021		一般CN
272	化学与分子科学学院	曹中艳	Catalytic asymmetric synthesis of monofluoroalkenes and gem-difluoroalkenes: advances and perspectives	Organic Chemistry Frontiers	2021	WOS:000639948800001	JCR-Top期刊 (第一单位)
273	化学与分子科学学院	曹中艳	(1-Selenocyanatoethyl)benzene: A Selenocyanation Reagent for Site-Selective Selenocyanation of Inert Alkyl C(sp ³)-H	ORGANIC LETTERS	2021	WOS:000697348600030	JCR-Top期刊 (非第一单位)
274	化学与分子科学学院	常海波	A novel and efficient catalyst system composed of detonation nanodiamond and potassium iodide for chemical fixation of carbon dioxide	DIAMOND AND RELATED MATERIALS	2021	WOS:000663582100008	SCI 三区
275	化学与分子科学学院	常海波	活性白土/聚碳酸亚丙酯复合材料的制备与性能	化学研究	2021		一般CN
276	化学与分子科学学院	常海波	协同碱金属和碱土金属卤化物催化 CO ₂ 和环氧化合物环加成反应的助催化剂研究进展	化学研究	2021		一般CN
277	化学与分子科学学院	常海波	《高分子化学》教学中“课程思政”的探索与实践	广州化工	2021		一般CN
278	化学与分子科学学院	常志显	Chelation-mediated in-situ formation of ultrathin cobalt (oxy)hydroxides on hematite photocatalysts towards enhanced	Journal of Energy Chemistry	2021	WOS:000634490000002	JCR-Top期刊 (第一单位)
279	化学与分子科学学院	常志显	A hybrid CoOOH-rGO/Fe2O3 photoanode with spatial charge separation and charge transfer for efficient photoelectrochemical water	Journal of Catalysis	2021	WOS:000659913700017	顶级期刊 (第一单位)
280	化学与分子科学学院	常志显	“学生自主设计”仪器分析实验课程教学的研究	实验科学与技术	2021		一般CN
281	化学与分子科学学院	陈利娟	Hexameric to trimeric lanthanide-included selenotungstates and their 2D honeycomb organic-inorganic hybrid films used for	ACS Applied Materials & Interfaces	2021	WOS:000683741400072	JCR-Top期刊 (第一单位)
282	化学与分子科学学院	陈利娟	{HP03} and {W04} simultaneously inducing assembly of tri-Ln(III)-incorporated antimonotungstates and their photoluminescence	Inorganic Chemistry	2021	WOS:000643574200056	JCR-Top期刊 (第一单位)
283	化学与分子科学学院	陈利娟	3-D antimonotungstate framework based on 2,6-H2pdca-connecting iron-cerium heterometallic Krebs-type polyoxotungstates for detecting	Inorganic Chemistry	2021	WOS:000620345400057	JCR-Top期刊 (第一单位)
284	化学与分子科学学院	陈利娟	Tricarboxylic-ligand-decorated lanthanoid-inserted heteropolyoxometalates built by mixed heteroatom-directing polyoxotungstate	Inorganic Chemistry	2021	WOS:000653539100076	JCR-Top期刊 (第一单位)
285	化学与分子科学学院	陈利娟	Nicotinic-acid-ornamented tetrameric RE-substituted phospho(III)tungstates with coexistence of mixed Keggin / Dawson building	Inorganic Chemistry	2021	WOS:000699833500071	JCR-Top期刊 (第一单位)
286	化学与分子科学学院	陈威	Improved photocatalytic CO2 conversion efficiency on Ag loaded porous Ta2O5	Applied Surface Science	2021	WOS:000691536100003	JCR-Top期刊 (第一单位)

287	化学与分子科学学院	陈威	In situ growth of vertically aligned ultrathin MoS ₂ on porous g-C ₃ N ₄ for efficient photocatalytic hydrogen production	Applied Surface Science	2021	WOS:000647735900007	JCR-Top期刊 (第一单位)
288	化学与分子科学学院	陈欣	《物理化学》线上线下混合式教学资源的设计	山东化工	2021		一般CN
289	化学与分子科学学院	陈欣	《物理化学》课程思政体系设计	化学工程与装备	2021		一般CN
290	化学与分子科学学院	陈欣	物理化学“课程思政”教学改革探索	化学工程与装备	2021		一般CN
291	化学与分子科学学院	党东宾	Three-Dimensional Interpenetrating Frameworks Based on {P ₄ Mo ₆ } Tetrameric Clusters and Filled with In Situ Generated Alkyl Viologens	INORGANIC CHEMISTRY	2021	WOS:000592794400033	JCR-Top期刊 (第一单位)
292	化学与分子科学学院	党东宾	Interaction of Single-Atom Platinum-Oxygen Vacancy Defects for the Boosted Photosplitting Water H ₂ Evolution and CO ₂ Photoreduction	JOURNAL OF PHYSICAL CHEMISTRY C	2021	WOS:000598992900003	JCR-Top期刊 (第一单位)
293	化学与分子科学学院	党东宾	Enhanced Photocatalytic Hydrogen Production of the Polyoxoniobate Modified with RGO and PPy	NANOMATERIALS	2021	WOS:000602301700001	SCI二区 (非Top)
294	化学与分子科学学院	翟翠萍	基于卓越教师培养视域的化学师范生教学技能的提升	化学工程与装备	2021		一般CN
295	化学与分子科学学院	翟翠萍	尿酸与水的氢键作用研究	化学研究	2021		一般CN
296	化学与分子科学学院	翟翠萍	Experimental and theoretical study on the hydrogen bond interactions between ascorbic acid and glycine	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL	2021	WOS:000724184000014	SCI四区
297	化学与分子科学学院	范艳花	中学化学教师核心素养现状调查及研究	化学教与学	2021		一般CN
298	化学与分子科学学院	范艳花	教师资格证国考背景下高校化学师范生备考问题及对策	时代教育	2021		一般CN
299	化学与分子科学学院	房晓敏	Influence of modified ammonium polyphosphate on the fire behavior and mechanical properties of polyformaldehyde	JOURNAL OF APPLIED POLYMER SCIENCE	2021	WOS:000583513200001	SCI三区
300	化学与分子科学学院	房晓敏	A novel phosphorous and silicon-containing benzoxazine:highly efficient multifunctional flame-retardant synergist for polyoxymethylene	Advanced Composites and Hybrid Materials	2021	WOS:000607966500001	SCI二区 (非Top)
301	化学与分子科学学院	房晓敏	改性纳米二氧化硅协效二乙基次磷酸铝阻燃尼龙 6	材料导报	2021	Accession number: 2021491128422 3	EI期刊论文
302	化学与分子科学学院	冯彩霞	Enhancement of Visible-Light Catalytic Activity for Zn Doped OV-β-Bi ₂ O ₃ : Regulation of Electronic Structure and	CHINESE JOURNAL OF INORGANIC CHEMISTRY	2021	WOS:000627578500019	SCI四区
303	化学与分子科学学院	付记亚	Divergent Metal-Free [4+2] Cascade Reaction of 1-Indanylidene malonitrile with 3-Benzylidenebenzofuran-2(3H)-one: Access to	ORGANIC LETTERS	2021	WOS:000684033200004	JCR-Top期刊 (第一单位)
304	化学与分子科学学院	高丽	In situ growth of a-few-layered MoS ₂ on CdS nanorod for high efficient photocatalytic H ₂ production	FRONTIERS IN ENERGY	2021	WOS:000698341100001	SCI三区

305	化学与分子科学学院	龚春红	Magnetic TiN composites for efficient microwave absorption: Nanoribbons vs nanoparticles	Composites Communications	2021	WOS:000702572800001	SCI二区（非Top）
306	化学与分子科学学院	龚春红	Facile synthesis of BN/Ni nanocomposites for effective regulation of microwave absorption performance	Journal of Alloys and Compounds	2021	WOS:000573235700013	JCR-Top期刊（第一单位）
307	化学与分子科学学院	龚春红	Simultaneous enhancement of impedance matching and the absorption behavior of BNRGO nanocomposites for efficiency microwave	Composites Communications	2021	WOS:000604634400008	SCI二区（非Top）
308	化学与分子科学学院	龚春红	Biomass derived porous carbon (BPC) and their composites as lightweight and efficient microwave absorption materials	COMPOSITES PART B-ENGINEERING	2021	WOS:000606481400010	JCR-Top期刊（非第一单位）
309	化学与分子科学学院	郭美霞	Effects of Fire Phoenix (a genotype mixture of Fesctuca arundinecea L.) and Mycobacterium sp. on the degradation of PAHs and bacterial	Environmental Science and Pollution Research	2021	WOS:000608673400001	SCI三区
310	化学与分子科学学院	郭泉辉	分子筛光催化复合材料的制备及应用研究进展	化学研究	2021		一般CN
311	化学与分子科学学院	郭泉辉	Surface engineering induced superstructure Ta2O5-x mesocrystals for enhanced visible light photocatalytic antibiotic degradation	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2021	WOS:000646006700004	JCR-Top期刊（第一单位）
312	化学与分子科学学院	郭续更	Introducing thiophene and benzothiadiazole groups in triphenylamine-based organic dyes with rigidly fused pi-bridge to design high-	Solar Energy	2021	WOS:000688298300006	JCR-Top期刊（第一单位）
313	化学与分子科学学院	郭续更	Introducing chenodeoxycholic acid coadsorbent and strong electron-withdrawing group in indoline dyes to design high-performance solar	Journal of Materials Chemistry C	2021	WOS:000641424000001	JCR-Top期刊（第一单位）
314	化学与分子科学学院	郭续更	Recent research progress for upconversion assisted dye-sensitized solar cells	Chinese Chemical Letters	2021	WOS:000658340900002	SCI二区（非Top）
315	化学与分子科学学院	韩秋霞	An Isopolymolybdate-Incorporated Metal-Organic Framework with Sulfite Oxidase-Mimicking Activity for Photocatalytic Oxidation of	INORGANIC CHEMISTRY	2021	WOS:000715230700098	JCR-Top期刊（第一单位）
316	化学与分子科学学院	韩秋霞	A Polyoxometalate-Based Inorganic Porous Material with both Proton and Electron Conductivity by Light Actuation	INORGANIC CHEMISTRY	2021	WOS:000643574200023	JCR-Top期刊（第一单位）
317	化学与分子科学学院	郝召民	Underappreciated Role of Low-Energy Facets in Nitrogen Electroreduction	ACS Materials Lett.	2021	WOS:000637873500004	JCR-Top期刊（第一单位）
318	化学与分子科学学院	郝召民	Nanohybridization of Keggin polyoxometalate clusters and reduced graphene oxide for lithium-ion batteries	JOURNAL OF NANOPARTICLE RESEARCH	2021	WOS:000615138900007	SCI四区
319	化学与分子科学学院	李德亮	两性有机物稀溶液的配合萃取	应用化学	2021		B类期刊
320	化学与分子科学学院	李德亮	羧酸(-COOH)的络合萃取河南大学学报	河南大学学报（自然科学版）	2021		C类期刊
321	化学与分子科学学院	李德亮	Feasibility of using ammonium iron (II) sulphate to passivate hexavalent chromium in polluted soil	Environmental Technology	2021	WOS:000588519200001	SCI四区
322	化学与分子科学学院	李建通	Microcellular epoxy/reduced graphene oxide/multi-walled carbon nanotube nanocomposite foams for electromagnetic	Applied Surface Science	2021	WOS:000639694000001	JCR-Top期刊（第一单位）

323	化学与分子科学学院	李杰	一例基于 Keggin 型多氧钨酸盐的 Cu(II) -dien配合物的合成、晶体结构和表征	化学研究	2021		一般CN
324	化学与分子科学学院	李明雪	Visible-Light-Driven C-N Bond Formation by a Hexanickel Cluster Substituted Polyoxometalate-Based Photocatalyst	Inorg. Chem.	2021	WOS:000671099600076	JCR-Top期刊 (第一单位)
325	化学与分子科学学院	李明雪	Facile and green synthesis of decatungstate-based nickel(II) complex coated onto modified Fe3O4 nanoparticles with enhanced	CrystEngComm	2021	WOS:000651073900001	SCI三区
326	化学与分子科学学院	李明雪	Visible-light-responsive polyoxometalate-based metal - organic framework for highly efficient photocatalytic oxidative coupling	J. Mater. Sci.	2021	WOS:000604580400008	SCI三区
327	化学与分子科学学院	李明雪	One new hexatungstate-based binuclear nickel(II) complex with high selectivity adsorption for organic dyes	J. Mol. Struct.	2021	WOS:000621281500014	SCI三区
328	化学与分子科学学院	李明雪	Special-selective C-H oxidation of toluene to benzaldehyde by a hybrid polyoxometalate photocatalyst including a rare	JOURNAL OF CATALYSIS	2021	WOS:000597774200003	顶级期刊 (第一单位)
329	化学与分子科学学院	李明雪	A blend hydrogel based on polyoxometalate for long-term and repeatedly localized antibacterial application study	Int. J. Pharmaceut.	2021	WOS:000600735200030	JCR-Top期刊 (第一单位)
330	化学与分子科学学院	李明雪	化学教学论实验”课程教学模式及评价方式改革的探究与实践	教育现代化	2021		一般CN
331	化学与分子科学学院	李明雪	化学教学中渗透环境保护教育的策略	中学化学教学参考	2021		一般CN
332	化学与分子科学学院	李明雪	学习迁移理论视域下的高中化学教学策略研究	成才之路	2021		一般CN
333	化学与分子科学学院	李明雪	实验在化学教学中的地位与作用	广东化工	2021		一般CN
334	化学与分子科学学院	李盼	The Reactivity of Vinyl Epoxides/Oxetanes/Cyclopropanes toward Arynes: Access to Functionalized Phenanthrenes	ACS Omega	2021	WOS:000733830000001	SCI三区
335	化学与分子科学学院	李亚敏	Isopolymolybdate-Based Cobalt/Nickel Coordination Polymers Constructed by V-Type N-Donor Ligands	Inorganic Chemistry	2021	WOS:000643574200080	JCR-Top期刊 (第一单位)
336	化学与分子科学学院	李亚敏	Four Dawson POM-based inorganic-organic supramolecular compounds for proton conduction, electrochemical and photocatalytic	Journal of Solid State Chemistry	2021	WOS:000715216300013	SCI三区
337	化学与分子科学学院	李园园	Polystyrene-supported novel imidazolium ionic liquids: Highly efficient catalyst for the fixation of carbon dioxide under atmospheric	Fuel	2021	WOS:000701850600003	JCR-Top期刊 (第一单位)
338	化学与分子科学学院	刘保英	层层自组装改性剑麻纤维填充聚丙烯复合材料性能研究	材料导报	2021		EI期刊论文
339	化学与分子科学学院	刘保英	玻纤增强聚甲醛复合材料性能研究	化学研究	2021		一般CN
340	化学与分子科学学院	刘红玲	Synergistic Photocatalytic-Adsorption Removal of Basic Magenta Effect of AgZnO/Polyoxometalates Nanocomposites	Nanoscale Research Letters	2021	WOS:000716928600001	SCI三区

341	化学与分子科学学院	刘红玲	贵金属纳米复合材料的在电解水中的应用进展	化学研究	2021		一般CN
342	化学与分子科学学院	刘山虎	Electrochemical nitrogen reduction: recent progress and prospects	CHEMICAL COMMUNICATIONS	2021	WOS:000670553600001	JCR-Top期刊 (第一单位)
343	化学与分子科学学院	刘小强	Preparation of a one-dimensional hierarchical MnO@CNT@Co-N/C ternary nanostructure as a high-performance bifunctional	JOURNAL OF MATERIALS CHEMISTRY A	2021	WOS:000701046300001	JCR-Top期刊 (第一单位)
344	化学与分子科学学院	刘小强	The application and improvement of TiO ₂ (titanate) based nanomaterials for the photoelectrochemical conversion of CO ₂ and N ₂	CATALYSIS SCIENCE & TECHNOLOGY	2021	WOS:000618190800004	SCI二区 (非Top)
345	化学与分子科学学院	刘小强	Ultrasensitive photoelectrochemical aptasensor for diclofenac sodium based on surface-modified TiO ₂ -FeVO ₄ composite	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	2021	WOS:000584954900001	SCI三区
346	化学与分子科学学院	刘绣华	The role of selenium vacancies in the enhancement of electrocatalytic activity of CoNiSe ₂ for the oxygen evolution reaction	JOURNAL OF POWER SOURCES	2021	WOS:000707635400003	JCR-Top期刊 (第一单位)
347	化学与分子科学学院	刘学军	A novel "off-on-off" fluorescent probe for sensing of Fe ³⁺ and F ⁻ successively in aqueous solution and its application in cells	DYES AND PIGMENTS	2021	WOS:000685515800003	JCR-Top期刊 (第一单位)
348	化学与分子科学学院	刘学军	A novel fluorescence probe for the selective detection of cysteine in aqueous solutions and imaging in living cells and mice	ANALYTICAL METHODS	2021	WOS:000639249600001	SCI三区
349	化学与分子科学学院	刘勇	Preparation of three-dimensional Fe-N co-doped open-porous carbon networks as an efficient ORR electrocatalyst in both alkaline and	International Journal of Hydrogen Energy	2021	WOS:000648404800016	JCR-Top期刊 (第一单位)
350	化学与分子科学学院	刘勇	Kinetics Study of the Esterification Reaction of Cyclohexene to Cyclohexyl Acetate Catalyzed by Novel Brønsted-Lewis Acids Bifunctionalized	Catalysis Letters	2021	WOS:000641664900001	SCI三区
351	化学与分子科学学院	刘云	应用化学实验体系改革与创新型人才培养	科技信息	2021		一般CN
352	化学与分子科学学院	卢明华	Gas-cycle-assisted headspace solid-phase microextraction coupled with gas chromatography for rapid analysis of organic	Chemical Communications	2021	WOS:000684280200001	JCR-Top期刊 (第一单位)
353	化学与分子科学学院	卢明华	MIL-101(Fe)-derived magnetic porous carbon as sorbent of stir bar sorptive dispersive microextraction for extraction of sulfonamides		2021	WOS:000695824900001	SCI二区 (非Top)
354	化学与分子科学学院	卢明华	Fabrication of stable multivariate metal-organic frameworks with excellent adsorption performance toward bisphenols from	Talanta	2021	WOS:000701721600006	SCI二区 (非Top)
355	化学与分子科学学院	卢明华	Nitrogen-rich carbon nitride (C ₃ N ₅) as solid-phase microextraction fiber coating for high-efficient preconcentration of polychlorinated	Journal of Chromatography A	2021	WOS:000718046700008	SCI二区 (非Top)
356	化学与分子科学学院	马鹏涛	Recent advances in rare earth co-doped luminescent tungsten oxygen complexes	Inorg. Chem. Front.	2021	WOS:000679457500001	JCR-Top期刊 (第一单位)
357	化学与分子科学学院	马鹏涛	Multinuclear Lanthanide-Implanted Tetrameric Dawson-Type Phosphotungstates with Switchable Luminescence Behaviors Induced by Fast	Inorg. Chem.	2021	WOS:000661306200058	JCR-Top期刊 (第一单位)
358	化学与分子科学学院	马鹏涛	一例以[α 2-P2W17O61]10-单元和Dy ³⁺ 构筑的磷钨酸盐的合成、结构及荧光性质	化学研究	2021		一般CN

359	化学与分子科学学院	马新起	工程教育专业认证导向下化工原理课程改革与实践	广州化工	2021		一般CN
360	化学与分子科学学院	马新起	Ultrahigh-performance visible-light photodegradation enabled by direct Z-scheme AgI/(Na ₂ F)-C ₃ N ₄ composites	COMPOSITES PART B-ENGINEERING	2021	WOS:000704196900003	JCR-Top期刊 (第一单位)
361	化学与分子科学学院	毛立群	Usage of natural leaf as a bio-template to inorganic leaf: Leaf structure black TiO ₂ /CdS heterostructure for efficient photocatalytic	International Journal of Hydrogen Energy	2021	WOS:000639329700004	JCR-Top期刊 (第一单位)
362	化学与分子科学学院	毛立群	Two dimensional Ni ₂ P/CdS photocatalyst for boosting hydrogen production under visible light irradiation	RSC Advances	2021	WOS:000634931200037	SCI三区
363	化学与分子科学学院	牛景杨	Regulating the catalytic activity of multi-Rubridged polyoxometalates based on differential active site environments with	Nanoscale	2021	WOS:000643904100001	JCR-Top期刊 (第一单位)
364	化学与分子科学学院	牛景杨	Discovery of two Na ⁺ -centered Silverton-type polyoxometalates {NaM ₁₂ O ₄₂ } (M = Mo, W)	Chemical. Communications	2021	WOS:000623421200011	JCR-Top期刊 (第一单位)
365	化学与分子科学学院	牛景杨	A Rh-substituted polyoxometalate with an acetate modified building block {As ₂ W ₂ O ₇₆ (CH ₃ COO) ₂ }	Chem. Commun.	2021	WOS:000696277700001	JCR-Top期刊 (第一单位)
366	化学与分子科学学院	牛景杨	A Lacunary {Se ₄ V ₁₀ } Heteropolyoxovanadate Precursor with Monometal, Metal-Richer-Sandwiched Derivatives {Se ₈ V ₂₀ M} and	Inorg. Chem.	2021	WOS:000625446000007	JCR-Top期刊 (第一单位)
367	化学与分子科学学院	牛景杨	Polyoxometalate-Incorporated Framework as a Heterogeneous Catalyst for Selective Oxidation of C-H Bonds of Alkylbenzenes	Inorg. Chem.	2021	WOS:000661306200020	JCR-Top期刊 (第一单位)
368	化学与分子科学学院	牛景杨	Ru(III)-based polyoxometalate tetramers as highly efficient heterogeneous catalysts for alcohol oxidation reactions at room	Dalton Trans.	2021	WOS:000686237200001	SCI二区 (非Top)
369	化学与分子科学学院	牛景杨	Defect-Rich Core-Shell Carbon Derived from Ionic Liquid for Direct Synthesis of Imines	ChemistrySelect.	2021	WOS:000674320500015	SCI四区
370	化学与分子科学学院	潘卉	无机纳米微粒 / 聚合物复合皮革涂饰剂的研究进展	河南大学学报 (自然科学版)	2021		C类期刊
371	化学与分子科学学院	庞杰	《精细化工工艺学》课程思政的探索与实践	广州化工	2021		一般CN
372	化学与分子科学学院	蒲彦锋	Synthesis of Dimethyl Carbonate from CO ₂ and Methanol over Zr-Based Catalysts with Different Chemical Environments	CATALYSTS	2021	WOS:000666774500001	SCI三区
373	化学与分子科学学院	蒲彦锋	Effect of Cobalt Doping on the Stability of CaO - Based Catalysts for Dimethyl Carbonate Synthesis via the Transesterification of	ChemistrySelect	2021	WOS:000706994200016	SCI四区
374	化学与分子科学学院	蒲彦锋	芳烃酰基化后还原制备芳香醇的工艺进展	化学通报	2021		中文核心
375	化学与分子科学学院	祁志冲	Spectral characteristics of dissolved organic carbon derived from biomass-pyrogenic smoke (SDOC) in the aqueous environment and its	Water Research	2021	WOS:000697761300006	顶级期刊 (非第一单位)
376	化学与分子科学学院	祁志冲	Insight into the inhibitory mechanism of soluble ionic liquids on the transport of TiO ₂ nanoparticles in saturated porous media: Roles	Journal of Hazardous Materials	2021	WOS:000689377400003	JCR-Top期刊 (第一单位)

377	化学与分子科学学院	祁志冲	Insights into the mutual promotion effect of graphene oxide nanoparticles and tetracycline on their transport in saturated porous media	Environmental Pollution	2021	WOS:000600553000064	JCR-Top期刊 (第一单位)
378	化学与分子科学学院	祁志冲	Graphene oxide nanoparticles and hematite colloids behave oppositely in their co-transport in saturated porous media	Chemosphere	2021	WOS:000603465000062	JCR-Top期刊 (第一单位)
379	化学与分子科学学院	祁志冲	Colloid-mediated transport of tetracycline in saturated porous media: Comparison between ferrihydrite and montmorillonite	Journal of Environmental Management	2021	WOS:000704827700004	JCR-Top期刊 (第一单位)
380	化学与分子科学学院	祁志冲	Insights into the molecular mechanism of tetracycline transport in saturated porous media affected by low-molecular-weight	Science of the Total Environment	2021	WOS:000701267700007	JCR-Top期刊 (第一单位)
381	化学与分子科学学院	祁志冲	Effects of phosphate on the transport of graphene oxide nanoparticles in saturated clean and iron oxide-coated sand columns	Journal of Environmental Sciences	2021	WOS:000630090400009	SCI二区 (非Top)
382	化学与分子科学学院	祁志冲	Enhanced role of humic acid on the transport of iron oxide colloids in saturated porous media under various solution chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021	WOS:000596078800008	SCI三区
383	化学与分子科学学院	屈建莹	Rapid synthesis of a hybrid of rGO/AuNPs/MWCNTs for sensitive sensing of 4-aminophenol and acetaminophen simultaneously	Analytical and Bioanalytical Chemistry	2021	WOS:000558613100002	SCI三区
384	化学与分子科学学院	任铁钢	Improving environmental adaptability and long-term corrosion	Journal of Molecular Liquids	2021	WOS:000648674100068	SCI二区 (非Top)
385	化学与分子科学学院	任铁钢	The inhibition behavior of novel ionic liquids formagnesiumalloy in NaCl solution: Experimental and theoretical	Journal of Molecular Liquids	2021	WOS:000632343700061	SCI二区 (非Top)
386	化学与分子科学学院	任艳蓉	水热法制备PP-TiO ₂ 复合纳米粒子及其可见光光催化降解性能	Science Advances	2021	WOS:000580635900043	JCR-Top期刊 (非第一单位)
387	化学与分子科学学院	孙琳	一例酰胺席夫碱单核钪配合物的构筑、结构及磁性研究	化学研究	2021		一般CN
388	化学与分子科学学院	汤雁婷	HKUST-1 吸附噻吩和二苯并噻吩性能研究	现代化工	2021		中文核心
389	化学与分子科学学院	田亚杰	Template Guiding for the Encapsulation of Uniformly Subnanometric Platinum Clusters in Beta-Zeolites Enabling High Catalytic Activity	Angewandte Chemie-International Edition	2021	WOS:000687940600001	顶级期刊 (第一单位)
390	化学与分子科学学院	田亚杰	Catalytic cracking of n-heptane over Fe modified HZSM-5 nanosheet to produce light olefins	Fuel	2021	WOS:000703954200007	JCR-Top期刊 (第一单位)
391	化学与分子科学学院	王 丽	Efficient responsive ionic liquids with multiple active centers for the transformation of CO ₂ under mild conditions: Integrated	Journal of CO ₂ Utilization	2021	WOS:000663759400005	SCI二区 (非Top)
392	化学与分子科学学院	王 丽	One-step preparation of ammonium-specified pyrazolium ionic liquids unveil the more popular pathway for the CO ₂	Journal of Molecular Liquids	2021	WOS:000637338200069	SCI二区 (非Top)
393	化学与分子科学学院	王 丽	Insights into the synergistic influence of [Emim] [OAc] and AgOAc for the hydration of propargylic alcohols to α -hydroxy ketones in	Catalysis Science & Technology	2021	WOS:000674967900001	SCI二区 (非Top)
394	化学与分子科学学院	王 丽	Synergistic inhibition effect of L-Phenylalanine and zinc salts on chloride-induced corrosion of magnesium alloy	Journal of the Taiwan Institute of Chemical Engineers	2021	WOS:000648633500005	SCI二区 (非Top)

395	化学与分子科学学院	王 丽	“Responsive” ionic liquids to catalyze the transformation of carbon dioxide under atmospheric pressure	Applied Catalysis A-General	2021	WOS:000687229700004	SCI二区（非Top）
396	化学与分子科学学院	王 丽	Refine the crystallinity of upconversion nanoparticles for NIR-enhanced photocatalysis	CrystEngComm	2021	WOS:000683780400001	SCI二区（非Top）
397	化学与分子科学学院	王冠	Tunable photoluminescence of CdTe QDs through the modification of polyoxometalates	Inorganic and Nano-Metal Chemistry	2021	WOS:000687544900001	SCI四区
398	化学与分子科学学院	王敬平	A large copper-niobate cluster with the pagoda-shaped subunit {Nb ₂₀ O ₅₉ }	Chem. Commun.	2021	WOS:000631999000001	JCR-Top期刊（第一单位）
399	化学与分子科学学院	王敬平	Synthesis, structures and stability of three V-substituted polyoxoniobate clusters based on [TeNb ₉ O ₃₃] ₁₇₋ units	Dalton Trans.	2021	WOS:000650313800001	SCI二区（非Top）
400	化学与分子科学学院	王敬平	A Copper-Containing Polyoxometalate-Based Metal-Organic Framework as an Efficient Catalyst for Selective Catalytic Oxidation of Organophosphonate-Functionalized	Inorg. Chem.	2021	WOS:000637850300065	JCR-Top期刊（第一单位）
401	化学与分子科学学院	王敬平	Telluromolybdate Containing a [TeMo ₁₀ O ₃₇] ₁₀₋ Building Block and Its Catalytic Efficiency	Inorg. Chem.	2021	WOS:000712069300047	JCR-Top期刊（第一单位）
402	化学与分子科学学院	王敬平	Assembly of a Hexameric Cluster of Polyoxomolybdotriphosphonate Builds from [Zr(H ₂ O) ₆](TeMo ₆ O ₂₁)[N(CH ₂ PO ₃) ₃] ₁₆₋	Inorg. Chem.	2021	WOS:000710270100075	JCR-Top期刊（第一单位）
403	化学与分子科学学院	王敬平	A 3D Silverton-Type Polyoxomolybdate Based on {PrMo ₁₂ O ₄₂ }: Synthesis, Structure, Photoluminescence and Magnetic Properties	Front. Chem.	2021	WOS:000625832000001	SCI二区（非Top）
404	化学与分子科学学院	王敬平	Polyoxomolybdates as efficient catalysts for Knoevenagel condensation reaction of benzaldehyde and ethyl cyanoacetate under mild	J. Mater Sci.	2021	WOS:000591146200003	SCI三区
405	化学与分子科学学院	王琪琳	Skeletal remodeling of chalcone-based pyridinium salts to access isoindoline polycycles and their bridged derivatives	Chemical Science	2021	WOS:000719425700001	JCR-Top期刊（第一单位）
406	化学与分子科学学院	王琪琳	Assembly of functionalized π -extended indolizine polycycles through dearomative [3+2] cycloaddition/oxidative decarbonylation	Chemical Communications	2021	WOS:000607739000011	JCR-Top期刊（第一单位）
407	化学与分子科学学院	王琪琳	Diastereoselective construction of cage-like and bridged azaheterocycles through dearomative maximization of the reactive sites	polyvinyl alcohol	2021	WOS:000611795900001	JCR-Top期刊（第一单位）
408	化学与分子科学学院	王琪琳	Recent advances in the construction of bridged rings through cycloadditions and cascade reactions	Chinese Journal of Organic Chemistry	2021	WOS:000634832200002	SCI三区
409	化学与分子科学学院	王琪琳	Construction of bridged polycycles through dearomatization strategies	Orgnic & Biomolecular Chemistry	2021	WOS:000649475700022	SCI三区
410	化学与分子科学学院	王新海	A recyclable polydopamine-functionalized reduced graphene oxide/Fe	Chemical Engineering Journal	2021	WOS:000579752500118	JCR-Top期刊（第一单位）
411	化学与分子科学学院	王新海	Role of Cysteine in Enhanced Degradation of Trichloroethane under Ferrous Percarbonate System	Chemical Engineering Journal	2021	WOS:000683032100006	JCR-Top期刊（第一单位）
412	化学与分子科学学院	王彦波	Catalyst- and Additive-Free Annulation of Ynediones and (Iso)Quinoline N-Oxides: An Approach to	The Journal of Organic Chemistry	2021	WOS:000606840200013	SCI二区（非Top）

413	化学与分子科学学院	王彦波	Phosphine-Catalyzed Synthesis of 3-Allyl-4-pyrones by the Tandem Reaction of Diketones and Allylic Alcohols	The Journal of Organic Chemistry	2021	WOS:000716778300018	SCI二区（非Top）
414	化学与分子科学学院	王勇	The construction of gold hybrid supramolecular hydrogels for doxorubicin delivery	SUPRAMOLECULAR CHEMISTRY	2021	WOS:000693962400001	SCI四区
415	化学与分子科学学院	王治华	Controllable preparation of Ag ₂ S quantum dots with size-dependent fluorescence and cancer photothermal therapy	Advanced Powder Technology	2021	WOS:000660424200016	SCI二区（非Top）
416	化学与分子科学学院	吴文鹏	镁合金超疏水涂层的研究进展	化学研究	2021		一般CN
417	化学与分子科学学院	吴文鹏	Theoretical investigation of the vibronic phosphorescence spectra and quantum yields for iridium(III) complexes with 2-(2,5,2',3',4'-hydroxyoxygenation of fatty acid methyl esters and simultaneous products isomerization over bimetallic Ni-Co/SAPD-11 catalysts	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2021	WOS:000471317300022	SCI三区
418	化学与分子科学学院	肖亚辉	Investigating the effect of Nd ³⁺ dopant and the formation of g-C ₃ N ₄ /BiOI heterostructure on the microstructural, optical and	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2021	WOS:000604233000001	JCR-Top期刊（第一单位）
419	化学与分子科学学院	邢瑞敏	Merging Imidazolidines with a	Applied Surface Science	2021	WOS:000723631100002	JCR-Top期刊（第一单位）
420	化学与分子科学学院	熊恒英	Trifluoromethylated Tetrasubstituted Carbon through Tungsten Catalyzed 1,3-Dipolar	Journal of Organic Chemistry	2021	WOS:000661138500035	SCI二区（非Top）
421	化学与分子科学学院	熊恒英	Delivering 2 Aryl Benzoxazoles through Metal-Free and RedoxNeutral De-CF ₃ Process	Journal of Organic Chemistry	2021	WOS:000704707200029	SCI二区（非Top）
422	化学与分子科学学院	徐浩	光催化乌尔曼型偶联反应研究进展	化学研究	2021		一般CN
423	化学与分子科学学院	徐浩	Photoinduced Iron-Catalyzed ipso-Nitration of Aryl Halides via Single-Electron Transfer	ACS Catalysis	2021	WOS:000684035000053	JCR-Top期刊（第一单位）
424	化学与分子科学学院	徐括喜	A novel cysteine fluorescent probe based on benzothiazole and quinoline with a large Stokes shift and application in living cell	Journal of Photochemistry & Photobiology, A: Chemistry	2021	WOS:000715859600007	SCI三区
425	化学与分子科学学院	徐括喜	A near-infrared fluorescent probe for imaging of endogenous hydrogen sulfide in living cells and mice	Dyes and Pigments	2021	WOS:000634730700004	JCR-Top期刊（第一单位）
426	化学与分子科学学院	徐莉	Aggregation-induced emission and pressure-dependent fluorescence of aryl closooctatetrahedrones	Dyes and Pigments	2021	WOS:000580897700057	JCR-Top期刊（第一单位）
427	化学与分子科学学院	许英	Nanosilica modified with polyaspartic acid as an industrial circulating water scale inhibitor	npj Clean Water	2021	WOS:000700278700001	JCR-Top期刊（第一单位）
428	化学与分子科学学院	杨立荣	One cadmium (II)-based metal-organic framework as high-efficiency multi-functional fluorescence chemosensor targeting for the	Journal of Alloys and Compounds	2021	WOS:000660364200001	JCR-Top期刊（第一单位）
429	化学与分子科学学院	杨立荣	A Zn-based metal-organic framework as bifunctional chemosensor for the detection of nitrobenzene and Fe ³⁺	Journal of Solid State Chemistry	2021	WOS:000626598000022	SCI三区
430	化学与分子科学学院	杨立荣	Synthesis, characterization and properties of Ni(II)-based metal-organic framework with biphenyl tetra-	化学研究	2021		一般CN

431	化学与分子科学学院	杨立荣	跨学科通识课化学与现代物质文明课程体系的构建与思考	郑州师范教育	2021		一般CN
432	化学与分子科学学院	于欣	Efficient visible light photocatalytic antibiotic elimination performance induced by nanostructured Ag/AgCl@Ti3+-TiO2 mesocrystals	CHEMICAL ENGINEERING JOURNAL	2021	WOS:000579752500083	JCR-Top期刊 (第一单位)
433	化学与分子科学学院	于欣	Ultrathin carbon-coated Zr3+-ZrO2 nanostructures for efficient visible light photocatalytic antibiotic elimination	CHEMICAL ENGINEERING JOURNAL	2021	WOS:000638220900003	JCR-Top期刊 (第一单位)
434	化学与分子科学学院	于欣	Highly enhanced photodegradation of emerging pollutants by Ag/AgCl/Ta2O5_x mesocrystals	SEPARATION AND PURIFICATION TECHNOLOGY	2021	WOS:000700925900003	SCI二区 (非Top)
435	化学与分子科学学院	袁金芳	RECYCLABLE HETEROGENEOUS NANOCRYSTAL PROMOTED CASADE REACTION IN WATER: AN ACCESS TO GREEN SYNTHESIS OF HIGHLY FUNCTIONALIZED 4H-PYRANS	HETEROCYCLES	2021	WOS:000719566600010	SCI四区
436	化学与分子科学学院	张超	Ultrafine Co 6 W 6 C as an Efficient Anode Catalyst for Direct Hydrazine Fuel Cells.	Chem. Commun.	2021	WOS:000697523500001	JCR-Top期刊 (第一单位)
437	化学与分子科学学院	张敬来	Enhancing the long-term anti-corrosion property of Mg alloy by quaternary phosphonium salt: Integrated experimental and theoretical	Corrosion Science	2021	WOS:000595968200003	JCR-Top期刊 (第一单位)
438	化学与分子科学学院	张敬来	Exploration of walnut green husk extract as a renewable biomass source to develop highly effective corrosion inhibitors for magnesium	Colloids and Surfaces A- Physicochemical and Engineering Aspects	2021	WOS:000685966000003	SCI三区
439	化学与分子科学学院	张磊	Dopamine-modified polyaspartic acid as a green corrosion inhibitor for mild steel in acid solution	European Polymer Journal	2021	WOS:000567604100014	SCI三区
440	化学与分子科学学院	张磊	Synthesis and corrosion inhibitory effect of a novel β -amino alcohol compound	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021	WOS:000605551800003	SCI三区
441	化学与分子科学学院	张普玉	Domino Ring-Opening of N-Tosyl Vinylaziridines Triggered by Aryne Diels - Alder Reaction	Advanced Synthesis & Catalysis	2021	WOS:000694997400001	JCR-Top期刊 (第一单位)
442	化学与分子科学学院	张庆友	Prediction of Henry's law constants of CO2 in imidazole ionic liquids using machine learning methods based on empirical descriptors	Chemical Papers	2021	WOS:000590498000002	SCI四区
443	化学与分子科学学院	张庆友	Machine Learning Classification of One-Chiral-Center Organic Molecules According to Optical Rotation	Journal of Chemical Information and Modeling	2021	WOS:000613719400008	SCI二区 (非Top)
444	化学与分子科学学院	张文凯	Insights into Fluorophores of Dual-Emissive Carbon Dots Derived by Naphthalenediol Solvothermal Synthesis	JOURNAL OF PHYSICAL CHEMISTRY C	2021	WOS:000629169900031	JCR-Top期刊 (第一单位)
445	化学与分子科学学院	张文凯	ESIPT fluorophores derived from 2,3-dichloro-5,6-dicyano-p-benzoquinone based carbon dots for dual emission and multiple anti-	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2021	WOS:000625340900007	SCI三区
446	化学与分子科学学院	张文凯	Excited-state intramolecular proton-transfer-induced dual fluorescence emission in 2,3-dichloro-5,6-dicyano-1,4-benzoquinone and	Optical Materials	2021	WOS:000729382300008	SCI三区
447	化学与分子科学学院	张文凯	Bragg reflection and photoluminescence spectroscopy of carbon-dots /opal photonic crystal composites	化学研究	2021		一般CN
448	化学与分子科学学院	赵静静	Visible-Light Photoredox-Catalyzed Formal [5+1] Cycloaddition of N-Tosyl Vinylaziridines with Difluoroalkyl Halides	Organic Letters	2021	WOS:000607016900047	JCR-Top期刊 (第一单位)

449	化学与分子科学学院	赵静静	Gold-Catalyzed One-Pot Synthesis of Polyfluoroalkylated Oxazoles from N-Propargylamides Under Visible-Light	Chemistry-An Asian Journal	2021	WOS:000679212100001	SCI 三区
450	化学与分子科学学院	赵俊伟	Multicomponent Self-Assembly of a Giant Heterometallic Polyoxotungstate Supercluster with Antitumor Activity	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2021	WOS:000638185400001	JCR-Top期刊 (第一单位)
451	化学与分子科学学院	赵俊伟	Stable aqueous Zn-Ag and Zn-polyoxometalate hybrid battery driven by successive Ag ⁺ cation and polyoxoanion redox reactions	ENERGY STORAGE MATERIALS	2021	WOS:000599498700004	JCR-Top期刊 (第一单位)
452	化学与分子科学学院	赵俊伟	Design principles of MOF-related materials for high stable metal anodes in secondary metal-based batteries	Materials Today Energy	2021	WOS:000674391200008	SCI 二区 (非 Top)
453	化学与分子科学学院	赵俊伟	Multi-nuclear rare-earth implanted tartaric acid functionalized selenotungstates and their fluorescent and magnetic properties	Inorganic Chemistry	2021	WOS:000620345400044	JCR-Top期刊 (第一单位)
454	化学与分子科学学院	赵俊伟	Three lanthanide-functionalized antimonotungstate clusters with a (Sh4O4Ln3(H2O)8) core: syntheses, structures	Inorganic Chemistry	2021		JCR-Top期刊 (第一单位)
455	化学与分子科学学院	种瑞峰	Ni(OH) ₂ quantum dots as a stable cocatalyst modified α-Fe ₂ O ₃ for enhanced photoelectrochemical water-splitting	Chinese Journal of Catalysis	2021	WOS:000691995500011	JCR-Top期刊 (第一单位)
456	化学与分子科学学院	周帅帅	Flow hydrodynamics in pyridine synthesis coupled reactor feed injection zones	I&ECR	2021	WOS:000683727000058	SCI 三区
457	化学与分子科学学院	周帅帅	Gas solid contact efficiency of pyridine synthesis reactors	Canadian journal of Chemical Engineering	2021	WOS:000618023700001	SCI 四区
458	化学与分子科学学院	周帅帅	合成吡啶碱的新型耦合反应器进料段流动行为	中国粉体技术	2021		一般CN
459	化学与分子科学学院	周艳梅	The preparation of porous carbon materials derived from bio-protic ionic liquid with application in flexible solid-state	Journal of hazardous materials	2021	WOS:000593832200001	JCR-Top期刊 (第一单位)
460	化学与分子科学学院	周艳梅	Keratin-derived heteroatoms-doped hierarchical porous carbon materials for all-solid flexible supercapacitors	Journal of Alloys and Compounds	2021	WOS:000614114500062	JCR-Top期刊 (第一单位)
461	化学与分子科学学院	周艳梅	Facile synthesis of N/B co-doped hierarchically porous carbon materials based on Threonine Protic Ionic Liquids for	Electrochimica Acta	2021	WOS:000640432600001	JCR-Top期刊 (第一单位)
462	化学与分子科学学院	周艳梅	Rational Design of A NIR Ratiometric Fluorescent Probe with Large Stokes Shift for Sulfite Detection	Journal of The Electrochemical Society	2021	WOS:000646848600001	SCI 三区
463	化学与分子科学学院	周艳梅	Rational design of AIE-based fluorescent probes for hypochlorite detection in real water samples and live cell imaging	Journal of Hazardous Materials	2021	WOS:000689358300006	JCR-Top期刊 (第一单位)
464	化学与分子科学学院	周艳梅	Biomass-Derived N/O/P Tri-Doped Hierarchically Porous Carbon with a Wider Potential Window for Flexible Energy Storage Devices	Journal of the Electrochemical Society	2021	WOS:000711661000001	SCI 三区
465	化学与分子科学学院	周艳梅	A naphthalimide-derived hypochlorite fluorescent probe from ACQ to AIE effect transformation	Chemical Communications	2021	WOS:000706990700001	JCR-Top期刊 (第一单位)
466	化学与分子科学学院	周艳梅	Heteroatoms-doped hierarchical porous carbon materials based on biomass-metal ternary complex for supercapacitor	Journal of the Electrochemical Society	2021	WOS:000720105400001	SCI 三区

467	化学与分子科学学院	李谦	Regulation of Novel Multi-Center Ionic Liquids for Synergetically Catalyzing CO ₂ Conversion into Cyclic Carbonates	Chemistry Select	2021		SCI 四区
468	化学与分子科学学院	陈利娟	Three Lanthanide-Functionalized antimonotungstate clusters with a {Sb ₄ O ₄ Ln ₃ (H ₂ O) ₈ } core: syntheses, structures	Inorganic Chemistry	2022	WOS:000753441100065	JCR-Top期刊 (第一单位)
469	化学与分子科学学院	程亚敏	Scale Inhibitors for Industrial Circulating Water Systems: A Review	Journal of Water Chemistry and Technology	2022	WOS:000750840600011	SCI 四区
470	化学与分子科学学院	李盼	Merging Gold/Copper Catalysis and Copper/Photoredox Catalysis: An Approach to Alkyl Oxazoles from N-Propargylamides	Journal of Organic Chemistry	2022	WOS:000752858300063	JCR-Top期刊 (第一单位)
471	化学与分子科学学院	朱金花	A Water-Soluble Polyacid Polymer Based on Hydrophilic Metal-Organic Frameworks Using Amphoteric Carboxylic Acid Ligands as Linkers	Nanomaterials	2022	WOS:000747756300001	SCI 二区非TOP
472	化学与分子科学学院	郝召民	Underappreciated Role of Low-Energy Facets in Nitrogen Electroreduction	ACS Materials Letters	2022	WOS:000637873500004	JCR-Top期刊 (第一单位)
473	化学与分子科学学院	陈利娟	Dual-heteroatom-templated lanthanoid-inserted heteropolyoxotungstates simultaneously comprising Dawson and Keggin subunits and	Inorganic Chemistry Frontiers	2022	WOS:000728820100001	JCR-Top期刊 (第一单位)
474	化学与分子科学学院	刘保英	原位改性聚甲醛 /二氧化硅纳米复合材料的制备及性能研究	化学研究	2022		一般CN
475	化学与分子科学学院	刘红玲	过渡金属杂化材料在电解水中的应用进展	化学研究	2022		一般CN
476	化学与分子科学学院	祁志冲	Insight into the inhibitory mechanism of inorganic ligands on the adsorption of tetracycline onto hematite	Journal of Environmental Management	2022	WOS:000719723800002	JCR-Top期刊 (第一单位)
477	化学与分子科学学院	祁志冲	Insight into the effect of phosphate on ferrihydrite colloid-mediated transport of tetracycline in saturated porous media	Environmental Science and Pollution Research	2022	WOS:000814042300004	SCI 三区
478	化学与分子科学学院	祁志冲	Transport of oxytetracycline through saturated porous media: Role of surface chemical heterogeneity	Environmental Science: Processes & Impacts	2022	WOS:000877145500001	SCI 三区
479	化学与分子科学学院	屈建莹	A novel sensor based on Cu ₂ O/Mo ₂ C@C derived from MOF composites for simultaneous detection of catechol and hydroquinone	Journal of The Electrochemical Society	2022	WOS:000894807100001	SCI 四区
480	化学与分子科学学院	任艳蓉	纳米金属氧化物复合水凝胶在染料废水处理中应用	化学研究	2022		一般CN
481	化学与分子科学学院	孙琳	多功能稀土单分子磁体的研究进展	化学研究	2022		一般CN
482	化学与分子科学学院	孙琳	银基纳米合金的抗菌应用进展	化学研究	2022		一般CN
483	化学与分子科学学院	孙琳	一例酞腈席夫碱单核钴配合物的合成、晶体结构及磁性研究	化学研究	2022		一般CN
484	化学与分子科学学院	孙琳	对乙酸乙酯制备实验的新探索	中学化学教学参考	2022		一般CN

485	化学与分子科学学院	王新海	Surfactants-mediated the enhanced mobility of tetracycline in saturated porous media and its variation with aqueous chemistry	Chemosphere	2022	WOS:000802723800001	JCR-Top期刊 (第一单位)
486	化学与分子科学学院	王治华	1, 1', 2, 2'-四(5-三甲基硅-2-噻吩基)-2, 3-b: 3', 2'-d] 噻吩-2-乙) 烯的发光现象研究	化学研究	2022		一般CN
487	化学与分子科学学院	吴文鹏	电泳沉积技术在生物合金上的应用	化学研究	2022		一般CN
488	化学与分子科学学院	于欣	Topotactic formation of poriferous (Al,C)-Ta2O5 mesocrystals for improved visible-light photocatalysis	Journal of Environmental Management	2022	WOS:000741830300007	JCR-Top期刊 (第一单位)
489	化学与分子科学学院	韩秋霞	Constructing a redox-active Cu(I)-Pyridyltriazine framework for catalytic photoreduction of nitrobenzenes and carboxylic acids	INORGANIC CHEMISTRY	2022	WOS:000893099300001	JCR-Top期刊 (第一单位)
490	化学与分子科学学院	李盼	Palladium-Catalyzed Regioselective [5 + 1] Annulation of Vinyl Aziridines/Epoxides with C1CE2COONa	Organic Letters	2022	WOS:000819507500001	JCR-Top期刊 (第一单位)
491	化学与分子科学学院	马鹏涛	DL-Alanine Covalently Bonded Giant Arsenotungstate with Rapid Photochromic and Decent Proton Conduction Properties	Inorganic Chemistry	2022	WOS:000894543100001	JCR-Top期刊 (第一单位)
492	化学与分子科学学院	牛景杨	Synthesis and Structure of a Copper-Based Functional Network for Efficient Organic Dye Adsorption	Inorganic Chemistry	2022	WOS:000891373100001	JCR-Top期刊 (第一单位)
493	化学与分子科学学院	孙肖朋	Regulating Spin-State Switching by Integrating Polyoxometalate Anion into Spin Crossover System	Inorganic Chemistry	2022	WOS:000884798100001	JCR-Top期刊 (第一单位)
494	化学与分子科学学院	王丽	Hydroxyl-Imidazolium Ionic Liquid-Functionalized MIL-101(Cr): A Bifunctional and Highly Efficient Catalyst for the Conversion of 2,4-Dichlorobenzonitrile to 2,4-Dichlorobenzonitrile	Inorganic Chemistry	2022	WOS:000876847000001	JCR-Top期刊 (第一单位)
495	化学与分子科学学院	张文凯	Assembly of Centimeter-Scale Plasmonic Nanocavities for Bright and Ultrafast Emission of Red Carbon Dots	ACS Applied Nano Materials	2022	WOS:000864571400001	SCI二区非TOP
496	化学与分子科学学院	付记亚	Construction of an Axially Chiral Fluorene Nitrile-Based Framework via Benzannulation of Indene Dione with Benzoylacetonitrile	Organic Letters	2022	WOS:000879861200001	JCR-Top期刊 (第一单位)
497	化学与分子科学学院	李盼	Photocatalytic Regioselective [2 + 2 + 1] Radical Annulation of Alkenes with tert-Butyl Nitrite and gem-Dihalides	Organic Letters	2022	WOS:000904352800001	JCR-TOP期刊 (第一单位)
498	化学与分子科学学院	杨浩	ZrMOX Particles for Enhanced Removal of Methyl Orange from Wastewater: Preparation, Characterization, and Adsorption Study	Adsorption Science & Technology	2022	WOS:000779462600002	SCI三区
499	化学与分子科学学院	党东宾	The [(Cu4Cl14)-Cl-1] cluster of a coordination complex based on polypyridyl ligand for heterogeneous Fenton-like MR degradation	DYES AND PIGMENTS	2022	WOS:000870482600008	op期刊 (非第一单位)
500	化学与分子科学学院	孙肖朋	Discovery of Kinetic Effect in a Valence Tautomeric Cobalt-Dioxolene Complex	INORGANIC CHEMISTRY	2022	WOS:000780256600004	TOP期刊 (第一单位)
501	化学与分子科学学院	赵俊伟	Research progress on AIE cyanostilbene-based self-assembly gels: Design, regulation and applications	COORDINATION CHEMISTRY REVIEWS	2022	WOS:000888605600005	期刊 (非第一单位)
502	化学与分子科学学院	赵俊伟	Recent advances on high-nuclear polyoxometalate clusters	COORDINATION CHEMISTRY REVIEWS	2022	WOS:000882520800004	期刊 (非第一单位)

503	化学与分子科学学院	赵俊伟	Tetrazole-Containing Triphenylamine-Based MOF as a Sensitive Sensor for Food Inspection	INORGANIC CHEMISTRY	2022	WOS:000848105900001	op期刊（非第一单位）
504	化学与分子科学学院	曹中艳	A general nickel-catalyzed highly regioselective hydroarylation of unactivated alkenes enabled by the nicotinamide auxiliary	CHEMICAL COMMUNICATIONS	2022	WOS:000886249900001	op期刊（非第一单位）
505	化学与分子科学学院	曹中艳	Na2S-Mediated One-Pot Selective Deoxygenation of alpha-Hydroxyl Carbonyl Compounds including Natural Products	MOLECULES	2022	WOS:000839692900001	2020年预警期刊
506	化学与分子科学学院	曹中艳	A Practically Unified Electrochemical Strategy for Ni-Catalyzed Decarboxylative Cross-Coupling of Aryl Trimethylammonium Salts	ORGANIC LETTERS	2022	WOS:000777746600012	op期刊（非第一单位）
507	化学与分子科学学院	曹中艳	Cyanation and cyanomethylation of trimethylammonium salts via electrochemical cleavage of C-N bonds	ORGANIC CHEMISTRY FRONTIERS	2022	WOS:000746577800001	op期刊（非第一单位）
508	化学与分子科学学院	曹中艳	Scalable Electrocatalytic Intermolecular Acylcyanation and Aminocyanation of Alkenes	JOURNAL OF ORGANIC CHEMISTRY	2022	WOS:000809765000003	op期刊（非第一单位）
509	化学与分子科学学院	丁涛	The effect of synergistic/inhibitory mechanism of terephthalic acid and glycerol on the puncture-tearing and degradation properties	ADVANCED COMPOSITES AND HYBRID MATERIALS	2022	WOS:000750390800001	op期刊（非第一单位）
510	化学与分子科学学院	丁涛	A highly stretchable, sensing durability, transparent, and environmentally stable ion conducting hydrogel strain sensor built by	ADVANCED COMPOSITES AND HYBRID MATERIALS	2022	WOS:000745600700002	op期刊（非第一单位）
511	化学与分子科学学院	祁志冲	The composition, energy, and carbon stability characteristics of biochars derived from thermo-conversion of biomass in air-	WASTE MANAGEMENT	2022	078157800000420220511	op期刊（非第一单位）
512	化学与分子科学学院	张宁	Epitaxial Growth of Guanidyl-Functionalized Magnetic Metal-Organic Frameworks with Multifunctional Sites for Selective Capture of	ACS APPLIED MATERIALS & INTERFACES	2022	WOS:000848506500001	op期刊（非第一单位）
513	化学与分子科学学院	赵俊伟	Lamellar Nanocomposite Based on a 1D Crayfish-like CeIII-Substituted Phospho(III)tungstate Semiconductor and Polyaniline Used as a High-	ACS Applied Materials and Interfaces	2022	20224413024492	JCR-Top期刊（第一单位）
514	化学与分子科学学院	赵俊伟	Lanthanide-Incorporated Polyoxometalates Assembled from Mixed-Heteroatom-Oriented Three-Layered Cage Clusters	Inorganic Chemistry	2022	20224613110146	JCR-Top期刊（第一单位）
515	化学与分子科学学院	赵俊伟	An unprecedented dumbbell-shaped pentadecanuclear W-Er heterometal cluster stabilizing nanoscale hexameric arsenotungstate aggregate	Nano Research	2022	WOS:000720817700001	JCR-Top期刊（第一单位）
516	化学与分子科学学院	刘山虎	本草古籍中化学教学资源开发与利用	化学教育(中英文)	2022		一般CN
517	化学与分子科学学院	张文凯	Exploring electrospun nanofibers for physically unclonable functions: a scalable and robust method toward unique identifiers	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2022	WOS:000758425200001	SCI三区
518	化学与分子科学学院	刘勇	双磺酸基功能化酸性离子液体高效催化甘油醚化	化学研究	2022		一般CN
519	化学与分子科学学院	杨浩	Ultrahigh Adsorption Capacity Zirconium-Magnesium Composite Oxide Nanoclusters Remove Malachite Green from Aqueous Media	Adsorption Science & Technology	2022	WOS:000893528100002	SCI三区
520	化学与分子科学学院	刘保英	Spatiotemporal Comparison of Drought in Shaanxi-Gansu-Ningxia from 2003 to 2020 Using Various Drought Indices in Google Earth Engine	REMOTE SENSING	2022	000781005900001	JCR-Top期刊（第一单位）

521	化学与分子科学学院	刘保英	不同增容剂对玻璃纤维增强聚甲醛复合材料性能的影响研究	中国塑料	2022	- 9278 (2022) 01 - 0053	B类期刊
522	化学与分子科学学院	聂亚敏	癌症诊疗一体化荧光成像纳米探针的研究进展	化学研究	2022		一般CN
523	化学与分子科学学院	马鹏涛	传统文化融入中学化学课堂的策略研究	中学教学参考	2022		一般CN
524	化学与分子科学学院	种瑞峰	Photoelectrochemical sensing and mechanism investigation of hydrogen peroxide using a pristine hematite nanoarrays	Talanta	2022	20214010979562	JCR-Top期刊 (第一单位)
525	化学与分子科学学院	李明雪	Constructing Ag decorated ZnS1-x quantum dots/Ta2O5-x nanospheres for boosted tetracycline removal: Synergistic effects of	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2022	WOS:000810434400002	JCR-Top期刊 (第一单位)
526	化学与分子科学学院	李杰	一例酰胺席夫碱双核钼配合物的合成、晶体结构及磁性研究	化学研究	2022	无	一般CN
527	化学与分子科学学院	卢明华	Facile preparation of nano-g-C3N4/U10-66-NH2 composite as sorbent for high-efficient extraction and preconcentration of food	CHINESE CHEMICAL LETTERS	2022	WOS:000760891400050	JCR-Top期刊 (第一单位)
528	化学与分子科学学院	王敬平	Copper-Containing Polyoxometalate-Based Metal-Organic Framework as a Catalyst for the Oxidation of Silanes: Effective Cooperative	INORGANIC CHEMISTRY	2022	WOS:000793863700026	JCR-Top期刊 (第一单位)
529	化学与分子科学学院	王治华	Fabrication of a smart drug delivery system based on hollow Ag2S@mSiO(2) nanoparticles for fluorescence-guided synergistic photothermal	MICROCHIMICA ACTA	2022	WOS:000852411100003	SCI二区非TOP
530	化学与分子科学学院	王治华	pH/NIR-responsive nanocarriers based on mesoporous polydopamine encapsulated gold nanorods for drug delivery and thermo-	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	2022	WOS:000855658400001	SCI三区
531	化学与分子科学学院	陈欣	《物理化学》课程过程性评价研究	化学工程与装备	2022		一般CN
532	化学与分子科学学院	李西营	Preparation of N-doped porous carbon nanofibers derived from their phenolic-resin-based analogues for high performance	Journal of Electroanalytical Chemistry	2022	20224212973310	SCI三区
533	化学与分子科学学院	毛立群	A new structure of Pt NF@Ni(OH)2/CdS heterojunction: Preparation, characterization and properties in photocatalytic hydrogen	Chemical Engineering Journal	2022	20214211032838	TOP期刊 (第一单位)
534	化学与分子科学学院	徐括喜	A novel reversible oxazole-based NIR fluorescent probe for Cu2+ and S-2-ions detection	JOURNAL OF MOLECULAR STRUCTURE	2022	WOS:000822689500001	SCI二区非TOP
535	化学与分子科学学院	徐括喜	A tri-response colorimetric-fluorescent probe for pH and lysosomal imaging	SENSORS AND ACTUATORS B-CHEMICAL	2022	WOS:000860440300005	JCR-Top期刊 (第一单位)
536	化学与分子科学学院	徐括喜	A hemicyanidin-based NIR fluorescent probe for detection of H2S and imaging study in cells and mice	MICROCHIMICA ACTA	2022	WOS:000829960800003	SCI二区非TOP
537	化学与分子科学学院	吴文鹏	Dicyanomethylene-4H-pyran based Schiff base for turn on NIR fluorescence sensing of Fe3+, Al3+ and Cr3+ and its application in molecular	OPTICAL MATERIALS	2022	WOS:000813425200001	SCI三区
538	化学与分子科学学院	吴文鹏	A new near-infrared fluorescence sensor based on dicyanomethylene-4H-pyran for the detection of Al3+, Cr3+, Fe3+and Cu2+	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2022	WOS:000804941200003	SCI三区

539	化学与分子科学学院	柏奕	Crystal structure and electrochemistry properties of one two-dimensional heteropolyoxoniobate based on four- and five-	New Journal of Chemistry	2022	20220511578926	SCI三区
540	化学与分子科学学院	柏奕	tungstovanadate-Based Ionic Liquid Catalyst [C2(MIM)2]2VW12040 Used in Deep Desulfurization for Ultraclean Fuel with	ACS Sustainable Chemistry & Engineering	2022	20223612701500	JCR-Top期刊 (第一单位)
541	化学与分子科学学院	卢明华	Porous Hexagonal Boron Nitride as Solid-Phase Microextraction Coating Material for	NANOMATERIALS	2022	WOS:000809015100001	SCI三区
542	化学与分子科学学院	卢明华	Extraction and Preconcentration of Polycyclic Poly(divinylbenzene) as a fiber coating for	CHEMICAL COMMUNICATIONS	2022	WOS:000811764800001	JCR-Top期刊 (第一单位)
543	化学与分子科学学院	卢明华	headspace solid-phase microextraction of polycyclic aromatic hydrocarbons from river	CHEMICAL ENGINEERING JOURNAL	2022	079998940000120221812	JCR-Top期刊 (第一单位)
544	化学与分子科学学院	郭美霞	Flower-like Co3O4/C(3)N(5) composite as solid-phase microextraction coating for high-efficiency adsorption and preconcentration of	SCIENCE OF THE TOTAL ENVIRONMENT	2022	WOS:000833542300005	JCR-Top期刊 (第一单位)
545	化学与分子科学学院	张超	Biochar enhanced polycyclic aromatic hydrocarbons degradation in soil planted with ryegrass: Bacterial community and degradation	CHEMICAL COMMUNICATIONS	2022	WOS:000871602600001	JCR-Top期刊 (第一单位)
546	化学与分子科学学院	肖亚辉	POMs@ZIF-8 derived transition metal carbides for urea electrolysis-assisted hydrogen generation	Industrial & Engineering Chemistry Research	2022	20220311473536	SCI三区
547	化学与分子科学学院	任铁钢	Heteropolyacid-Based Poly(ionic liquid)s for the Selective Oxidation of Cyclohexene to 2-Cyclohexeno-1-one	Dyes and Pigments	2022	20215011313736	JCR-Top期刊 (第一单位)
548	化学与分子科学学院	王新海	Aggregation-induced luminescence enhancement, anion sensing, solvent-selective fluorescence quenching of arylpyrazoline fluorescent probe	JOURNAL OF WATER PROCESS ENGINEERING	2022	WOS:000874653600012	SCI二区非TOP
549	化学与分子科学学院	王新海	How do CuO sheets (sh-CuO) enable efficient chlorinated hydrocarbon removal?	JOURNAL OF MOLECULAR LIQUIDS	2022	WOS:000870233400012	SCI二区非TOP
550	化学与分子科学学院	祁志冲	Anionic surfactant-mediated transport of tetracycline antibiotics with different molecular structures in saturated porous media	CHEMOSPHERE	2022	WOS:000755518800005	JCR-Top期刊 (第一单位)
551	化学与分子科学学院	祁志冲	Enhanced transport of heavy metal ions by low-molecular-weight organic acids in saturated porous media: Link complex stability constants	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2022	WOS:0000819301700002	SCI二区非TOP
552	化学与分子科学学院	祁志冲	The mechanisms involved into the inhibitory effects of ionic liquids chemistry on	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2022	WOS:000772832600004	SCI二区非TOP
553	化学与分子科学学院	祁志冲	Adsorption behavior and mechanism of tetracycline onto hematite: Effects of low-molecular-weight organic acids	Journal of Hazardous Materials	2022	WOS:000864091700006	JCR-Top期刊 (第一单位)
554	化学与分子科学学院	孙琳	Mobility of water-soluble aerosol organic matters (WSAOMs) and their effects on soil colloid-mediated transport of heavy metal ions	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022	WOS:000852505100001	JCR-Top期刊 (第一单位)
555	化学与分子科学学院	杨立荣	A Nickel-Containing Polyoxomolybdate as an Efficient Antibacterial Agent for Water Treatment	COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS	2022	WOS:000818757000006	SCI二区非TOP
556	化学与分子科学学院	周艳梅	Metal-organic framework of Zn(II) based on 2,4,6-tris(4-carboxyphenyl)-1,3,5-triazine as a highly effective and dual-responsive	Journal of the Taiwan Institute of Chemical Engineers	2022	WOS:000897538200004	SCI三区
			Composite micelle induced biomass self-assembly into N, S co-doped hierarchical porous carbon spheres with tunable properties				

557	化学与分子科学学院	周艳梅	Synthesizing carbon dots with functional preservation strategy as a facile ratiometric fluorescent sensing platform for monitoring Prepared carbon dots from wheat straw for detection of Cu ²⁺ in cells and zebrafish and room temperature phosphorescent anti-Construction of an in vivo NIR fluorescent probe for revealing the correlation between inflammation and mitochondrial hydrogen	SENSORS AND ACTUATORS B-CHEMICAL	2022	WOS:000798144700003	TOP期刊（第一单位）
558	化学与分子科学学院	周艳梅	Prepared carbon dots from wheat straw for detection of Cu ²⁺ in cells and zebrafish and room temperature phosphorescent anti-Construction of an in vivo NIR fluorescent probe for revealing the correlation between inflammation and mitochondrial hydrogen	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2022	WOS:000829337500006	SCI二区非TOP
559	化学与分子科学学院	周艳梅	Construction of an in vivo NIR fluorescent probe for revealing the correlation between inflammation and mitochondrial hydrogen	BIOORGANIC CHEMISTRY	2022	WOS:000881561300001	TOP期刊（第一单位）
560	化学与分子科学学院	周艳梅	N/O/P co-doped hierarchical porous graphitic carbon materials for high-rate supercapacitors	JOURNAL OF ALLOYS AND COMPOUNDS	2022	WOS:000765425400003	JCR-Top期刊（第一单位）
561	化学与分子科学学院	李园园	Uncovering the coordination effect on the Ni single-atom catalysts for CO ₂ reduction including vacancy defect and non-vacancy	Fuel	2022	WOS:000741340100003	JCR-Top期刊（第一单位）
562	化学与分子科学学院	党东宾	Synthesis, Crystal Structure, and Electrochemical Properties of an Isopolyoxovanadate Compound Modified	CATALYSTS	2022	WOS:000763161300001	2020年预警期刊
563	化学与分子科学学院	周艳梅	Near-infrared cyanine-based fluorescent probe: Rapidly visualizing the in situ release of hydrazine in living cells and zebrafish	Sensors and Actuators B-Chemical	2022	WOS:000707344800001	JCR-Top期刊（第一单位）
564	化学与分子科学学院	党东宾	Binary Type-II Heterojunction K ₇ HfNb ₆ O ₁₉ /g-C ₃ N ₄ : An Effective Photocatalyst for Hydrogen Evolution without a Co-Catalyst	NANOMATERIALS	2022	WOS:000767830800001	SCI三区
565	化学与分子科学学院	柏奕	Conducting Polyaniline/Au Nanorods Composite Film for High-Performance Electrochromic Device	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2022	WOS:000763673900001	SCI四区
566	化学与分子科学学院	柏奕	The dissolution of human hair using ionic liquids through COSMO-RS predication and experimental verification	JOURNAL OF MOLECULAR LIQUIDS	2022	WOS:000754618400003	SCI二区非TOP
567	化学与分子科学学院	柏奕	Construction of Water-Stable Rare-Earth Organic Frameworks with Ambient High Proton Conductivity Based on Zirconium Sandwiched	INORGANIC CHEMISTRY	2022	WOS:000848537900001	JCR-Top期刊（第一单位）
568	化学与分子科学学院	周艳梅	An effective NIR fluorescent molecular tool to monitor cancer cell migration derived from inhibiting autophagy-induced cellular	DYES AND PIGMENTS	2022	WOS:000880152000003	JCR-Top期刊（第一单位）
569	化学与分子科学学院	李德亮	Equilibrium studies on reactive extraction of glycine with di(2-ethylhexyl)phosphoric acid dissolved in n-octanol, butyl acetate and	Journal of Chemical Technology and Biotechnology	2022	20214811232040	SCI四区
570	化学与分子科学学院	祁志冲	Transport of tetracycline in saturated porous media: combined functions of inorganic ligands and solution pH	Environmental Science-Processes & Impacts	2022	WOS:000812701800001	SCI三区
571	化学与分子科学学院	李明雪	A Lindqvist-type [W ₆ O ₁₉] ²⁻ organic-inorganic compound: synthesis, characterization, antibacterial activity and preliminary studies	Tungsten	2022	20222112137504	EI期刊论文
572	化学与分子科学学院	马鹏涛	A one-dimensional linear samarium-containing Dawson-type phosphotungstate with photochromic behavior	INORGANIC CHEMISTRY COMMUNICATIONS	2022	WOS:000826433500001	SCI四区
573	化学与分子科学学院	马鹏涛	Oxalate-bridging Nd(III)-based arsenotungstate with multifunctional NIR-luminescence and magnetic properties	DALTON TRANSACTIONS	2022	081520030000120222712	SCI二区非TOP
574	化学与分子科学学院	马鹏涛	Luminescent Dimeric Oxalate-Bridged Eu ³⁺ /Tb ³⁺ -Implanted Arsenotungstates: Tunable Emission, Energy Transfer, and Detection of Ba ²⁺ Ion in	INORGANIC CHEMISTRY	2022	WOS:000790015500005	JCR-Top期刊（第一单位）

575	化学与分子科学学院	马鹏涛	DL-Serine Covalently Ornamented and Ln3+-Incorporated Arsenotungstates with Fast-Responsive Photochromic and Photoinduced High-performance photodegradation of norfloxacin enabled by AgI@Ag3PO4 nanostructures	INORGANIC CHEMISTRY	2022	086759100000120224112	JCR-Top期刊 (第一单位)
576	化学与分子科学学院	于欣	Visible-light photocatalytic tetracycline degradation over nanodots-assembled N-ZrO2-x nanostructures: Performance degradation	Journal of Alloys and Compounds	2022	20213910939016	JCR-Top期刊 (第一单位)
577	化学与分子科学学院	于欣	Substrate-directed divergent synthesis of fused indole polycycles through Rh(ii)-catalyzed cascade reactions of	Journal of Alloys and Compounds	2022	20214611150291	JCR-Top期刊 (第一单位)
578	化学与分子科学学院	王琪琳	Sensitive simultaneous determination of catechol and hydroquinone based on iron and nitrogen doped carbon nanonets derived from	CHEMICAL COMMUNICATIONS	2022	WOS:000822863600001	JCR-Top期刊 (第一单位)
579	化学与分子科学学院	屈建莹	Construction of polyoxometalate-based metal-organic frameworks through covalent bonds for enhanced visible light-driven 2D Windmill-like Ln-Containing	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2022	WOS:000795803600005	SCI三区
580	化学与分子科学学院	牛景杨	Organophosphonate-Based Polyoxomolybdates: Synthesis, Characterization, Fluorescence, and Controlled Assembly of Ru-Containing	Journal of Catalysis	2022	20224613103832	级期刊(第一单位)
581	化学与分子科学学院	牛景杨	Polyoxometalates for Photocatalytic Activity of the Primary Amine Coupling Reaction	Inorganic Chemistry	2022	20223412596831	JCR-Top期刊 (第一单位)
582	化学与分子科学学院	牛景杨	Rocket-Shaped Telluronitrate with Efficient Catalytic Activity in the Transesterification Reaction	Inorganic Chemistry	2022	20222912365194	JCR-Top期刊 (第一单位)
583	化学与分子科学学院	王敬平	Synthesis, Structure, and Catalytic Activities of Two Multi-Rh-Decorated Polyoxometalates	Inorganic Chemistry	2022	20224313003965	JCR-Top期刊 (第一单位)
584	化学与分子科学学院	王敬平	183W Nuclear Magnetic Resonance and Photocatalysis Studies of Two Ruthenium-Decorated Isopolyoxometalates {Ru2W10} and	Inorganic Chemistry	2022	20224012826094	JCR-Top期刊 (第一单位)
585	化学与分子科学学院	王敬平	Enhanced Electrochemical O-2-to-H2O2 Synthesis Via Cu-Pb Synergistic Interplay	SMALL	2022	075782200000120220811	JCR-Top期刊 (第一单位)
586	化学与分子科学学院	杨立荣	A multifunctional luminescent chemosensor of YbIII-MOF for the detection of Nitrobenzene, Fe3+ and Cr2O72-	Colloids and Surfaces A-Physicochemical and Engineering Aspects	2022	WOS:000723005600004	SCI二区非TOP
587	化学与分子科学学院	杨立荣	One novel Cd-MOF as a highly effective multifunctional luminescent sensor for the detection of Fe3+, Hg2+, Cr-VI, Aspartic acid	JOURNAL OF SOLID STATE CHEMISTRY	2022	WOS:000780378100002	SCI三区
588	化学与分子科学学院	杨立荣	Two novel and high-efficiency optical chemosensors of detecting Fe3+ and CrO42- based on Metal-organic frameworks of Cd(II) by	JOURNAL OF SOLID STATE CHEMISTRY	2022	WOS:000863017800001	SCI三区
589	化学与分子科学学院	刘山虎	(Fe, Ni)S-2@MoS2/NiS2 hollow heterostructure nanocubes for high-performance alkaline water electrolysis	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	078429840000420220811	JCR-Top期刊 (第一单位)
590	化学与分子科学学院	刘山虎	Open and porous NiS2 nanowrinkles grown on non-stoichiometric MoOx nanorods for high-performance alkaline water electrolysis and	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	WOS:000821494300003	JCR-Top期刊 (第一单位)
591	化学与分子科学学院	刘山虎	Biomaterial based fabrication of superhydrophobic textiles-A review	MATERIALS TODAY CHEMISTRY	2022	080991500000120222112	SCI二区非TOP

593	化学与分子科学学院	刘山虎	Enhanced photo-electrocatalytic performance of the nano heterostructures based on Pr3 thorn modified α -C3N4 and BiOI	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	WOS:000864760800001	JCR-Top期刊 (第一单位)
594	化学与分子科学学院	任铁钢	Arylpyrazole Schiff base: Synthesis and selective recognition of Cu2+	JOURNAL OF MOLECULAR STRUCTURE	2022	WOS:000860828100011	SCI二区非TOP
595	化学与分子科学学院	任铁钢	Pyrazole ionic liquid corrosion inhibitor for magnesium alloy: Synthesis, performances and theoretical explore	JOURNAL OF MOLECULAR LIQUIDS	2022	WOS:000799099700011	SCI二区非TOP
596	化学与分子科学学院	毛立群	Highly efficient visible light hydrogen production from water-splitting: Structure and composition regulation of Pt-based cocatalyst	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	WOS:000810166700012	JCR-Top期刊 (第一单位)
597	化学与分子科学学院	张东娣	Two novel telluronibates with efficient catalytic activity for the imidation/amidation reaction	Chemical Communications	2022	WOS:000738030700001	JCR-Top期刊 (第一单位)
598	化学与分子科学学院	张东娣	Three rare-earth incorporating 6-peroxotantalate-4-selenates and catalytic activities for imidation reaction	DALTON TRANSACTIONS	2022	080800540000120222512	SCI二区非TOP
599	化学与分子科学学院	张东娣	Two Dawson-type U(VI)-containing selenotungstates with sandwich structure and its high-efficiency catalysis for pyrazoles	CHINESE CHEMICAL LETTERS	2022	WOS:000815135400049	JCR-Top期刊 (第一单位)
600	化学与分子科学学院	张东娣	The rare-earth derivant of mixed-polyoxoniobate clusters with high proton release capacity	INORGANIC CHEMISTRY FRONTIERS	2022	WOS:000884511700001	JCR-Top期刊 (第一单位)
601	化学与分子科学学院	张文凯	Environment-Sensitive Carbon Dots Derived from Naphthalenediol for Solvent Polarity Indicator and Anti-Counterfeiting	CHEMISTRYSELECT	2022	WOS:000792594700001	SCI四区
602	化学与分子科学学院	牛景杨	Binuclear Ru(III)-Containing Polyoxometalate with Efficient Photocatalytic Activity for Oxidative Coupling of Amines to Imines	INORGANIC CHEMISTRY	2022	WOS:000743987900001	JCR-Top期刊 (第一单位)
603	化学与分子科学学院	赵俊伟	Two Types of Subgroup-Valence Heteroatoms (PIII, TeIV) Synergistically Controlling Octa-CoIII-Encapsulated Heteropolyoxotungstate and Three Types of Lanthanide-Containing Polyoxoniobates and Their Luminescence Properties	Inorganic Chemistry	2022	20224313006084	JCR-Top期刊 (第一单位)
604	化学与分子科学学院	王敬平	A High-Nuclear Isopolymolybdate Cluster Assembled with an Anionic $[(Mo_{24}O_{48}(OMo)_3(32)11(8-))]^{8-}$ and Two Charge-	INORGANIC CHEMISTRY	2022	WOS:000835468200001	JCR-Top期刊 (第一单位)
605	化学与分子科学学院	王敬平	Synthesis, structure and properties of three novel transition-metal-containing tantalum-phosphate clusters	CHEMISTRY-A EUROPEAN JOURNAL	2022	WOS:000834206000001	JCR-Top期刊 (第一单位)
606	化学与分子科学学院	王敬平	Construction of one Ru2W12-cluster and six lacunary Keggin tungstoarsenate leading to the larger Ru-containing polyoxometalate	CHINESE CHEMICAL LETTERS	2022	WOS:000818589100037	JCR-Top期刊 (第一单位)
607	化学与分子科学学院	王敬平	Synthesis, Structure, and Allochroic Property of Two Hetro-arsenomolybdates Hybrid Polyoxometalates	CHINESE CHEMICAL LETTERS	2022	WOS:000818589100035	JCR-Top期刊 (第一单位)
608	化学与分子科学学院	牛景杨	An intriguing tetranuclear Rh-based polyoxometalate for the reduction of nitroarene and oxidation of aniline	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE	2022	WOS:000797079200005	SCI四区
609	化学与分子科学学院	牛景杨	Enhanced Carrier Separation in Visible-Light-Responsive Polyoxometalate-Based Metal-Organic Frameworks for Highly Efficient Oxidative	CHEMICAL COMMUNICATIONS	2022	WOS:000841317000001	JCR-Top期刊 (第一单位)
610	化学与分子科学学院	牛景杨		ACS APPLIED MATERIALS & INTERFACES	2022	WOS:000815667300001	JCR-Top期刊 (第一单位)

611	化学与分子科学学院	房晓敏	硅烷偶联剂改性聚磷酸铵阻燃聚甲醛	塑料科技	2022		中文核心
612	化学与分子科学学院	赵俊伟	Synthesis and Electrochemical Biosensing Properties of Pyridine Dicarboxylic Acid Decorated Rare-earth	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE	2022	WOS:000797079200016	SCI四区
613	化学与分子科学学院	赵俊伟	A unique organic-inorganic hybrid Fe-III-Pr-III-included 2-germano-20-tungstate and its electrochemical biosensing properties	CHINESE CHEMICAL LETTERS	2022	WOS:000789384800068	JCR-Top期刊 (第一单位)
614	化学与分子科学学院	赵俊伟	Two Innovative Fumaric Acid Bridging Lanthanide-Encapsulated Hexameric Selenotungstates Containing Mixed Building Hydroxyl-and-carboxyl ligand concatenating	INORGANIC CHEMISTRY	2022	WOS:000829215700001	JCR-Top期刊 (第一单位)
615	化学与分子科学学院	陈利娟	multi-lanthanide substituted tellurotungstates and electrochemical detection of noradrenaline	JOURNAL OF RARE EARTHS	2022	WOS:000876463300003	SCI二区非TOP
616	化学与分子科学学院	陈利娟	Organophosphonic Acid-Regulating Assembly of P-V-Sb-III Polyoxotungstate and Its Potential in Building a Dual-Signal Readout	INORGANIC CHEMISTRY	2022	085590820000120223812	JCR-Top期刊 (第一单位)
617	化学与分子科学学院	陈利娟	Double Trigonal Pyramidal (SeO ₃) Groups Bridged 2-Picolinic Acid Modified Cerium-Inlaid Polyoxometalate Including Mixed Organic-inorganic hybrid phosphite-participating S-shaped penta-Ce-III-incorporated tellurotungstate as an	INORGANIC CHEMISTRY	2022	WOS:000746548800001	JCR-Top期刊 (第一单位)
618	化学与分子科学学院	陈利娟	Preparation, characterization, and application of hollow nano-TiO ₂ @modified graphene/fluorinated copolymer nanocomposite	INORGANIC CHEMISTRY FRONTIERS	2022	WOS:000821548600001	JCR-Top期刊 (第一单位)
619	化学与分子科学学院	潘卉	Rational design of S-scheme AgI/ZrTiO ₄ -x heterojunctions for remarkably boosted norfloxacin degradation by	JOURNAL OF APPLIED POLYMER SCIENCE	2022	WOS:000798647300001	SCI三区
620	化学与分子科学学院	于欣	SBA-15 supported pyrazolium ionic liquid efficient fixation of carbon dioxide into cyclic carbonate under mild conditions: The	CHEMOSPHERE	2022	WOS:000863979600002	JCR-Top期刊 (第一单位)
621	化学与分子科学学院	王丽	Dual-ionic imidazolium salts to promote synthesis of cyclic carbonates at atmospheric pressure	MICROPOROUS AND MESOPOROUS MATERIALS	2022	WOS:000797853700002	SCI二区非TOP
622	化学与分子科学学院	张敬来	Insight into the cation-regulated mechanism for the hydration of propargyl alcohols catalyzed by [Bu ₄ P(+)][Im(-)]	GREEN ENERGY & ENVIRONMENT	2022	WOS:000888642800001	JCR-Top期刊 (第一单位)
623	化学与分子科学学院	王丽	Enhancement of oxygen evolution reaction by X-doped (X = Se, S, P) holey graphitic carbon shell encapsulating NiCoFe nanoparticles: a	JOURNAL OF MOLECULAR LIQUIDS	2022	WOS:000868400700006	SCI二区非TOP
624	化学与分子科学学院	刘绣华	Amplified detection signal at a photoelectrochemical aptasensor with a poly(diphenylbutadiene)-BiORr heterojunction	Materials Today Chemistry	2022	20215111366044	SCI二区非TOP
625	化学与分子科学学院	刘小强	Organic-inorganic one-dimensional hybrid aggregates constructed from aromatic-bisphosphonate-functionalized	Biosensors and Bioelectronics	2022	WOS:000719379800004	TOP期刊 (第一单位)
626	化学与分子科学学院	牛景杨	Decorating Upconversion Nanoparticles Mediated by Both Active and Inert Shells on NH ₂ -MIL-101(Fe) for the Photocatalytic Degradation of	DALTON TRANSACTIONS	2022	WOS:000776964600001	SCI二区非TOP
627	化学与分子科学学院	王丽	Integration of 980/808 nm double sensitizers to fabricate the upconversion nanoparticles/NH ₂ -MIL-101(Fe) hybrid	CRYSTAL GROWTH & DESIGN	2022	WOS:000828578600001	SCI二区非TOP
628	化学与分子科学学院	王丽		JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2022	WOS:000847862500001	SCI二区非TOP

629	化学与分子科学学院	王丽	Enhanced long-term corrosion resistance of Mg alloys by superhydrophobic and self-healing composite coating	CHEMICAL ENGINEERING JOURNAL	2022	WOS:000886360700004	JCR-Top期刊 (第一单位)
630	化学与分子科学学院	王丽	Development of photocatalyst based on NaYF ₄ : Yb, Tm@NaYF ₄ : Yb, Ce/NH ₂ -MIL-101 (Cr): Doping Co ³⁺ ions to promote the efficient energy	Chemical Engineering Journal	2022	WOS:000709479300002	JCR-Top期刊 (第一单位)
631	化学与分子科学学院	张敬来	Exploration of catalytic species for highly efficient preparation of quinazoline-2,4-(1H,3H)-diones by succinimide-based ionic	FUEL	2022	WOS:000783241300002	JCR-Top期刊 (第一单位)
632	化学与分子科学学院	张敬来	Insight into the Active Sites of N,P-Codoped Carbon Materials for Electrocatalytic CO ₂ Reduction	INORGANIC CHEMISTRY	2022	WOS:079551410001320221812	JCR-Top期刊 (第一单位)
633	化学与分子科学学院	于欣	Layered and poriferous (Al,C)-Ta ₂ O ₅ mesocrystals supported CdS quantum dots for high-efficiency photodegradation of organic	SEPARATION AND PURIFICATION TECHNOLOGY	2022	WOS:000781576700004	JCR-Top期刊 (第一单位)
634	化学与分子科学学院	李明雪	Construction of Au and C ₆₀ quantum dots modified materials of Institute Lavoisier-125(Ti) architectures for antibiotic	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2022	WOS:000804848100003	JCR-Top期刊 (第一单位)
635	化学与分子科学学院	李建通	Nanocarbon-based catalysts for selective nitroaromatic hydrogenation: A mini review	FRONTIERS IN CHEMISTRY	2022	WOS:000861680300001	SCI三区
636	化学与分子科学学院	周艳梅	A DNA-Au nanomachine activated by dual types of biomarkers for multi-site imaging and gene silencing	CHEMICAL COMMUNICATIONS	2022	WOS:000881353400001	JCR-Top期刊 (第一单位)
637	化学与分子科学学院	李明雪	Ultrahigh-efficiency antibacterial and adsorption performance induced by copper-substituted polyoxomolybdate-decorated	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2022	WOS:000750478000003	JCR-Top期刊 (第一单位)
638	化学与分子科学学院	张超	Synergistic Effect of Nickel Oxyhydroxide and Tungsten Carbide in Electrocatalytic Alcohol Oxidation	CHEMISTRY OF MATERIALS	2022	WOS:000763584500006	级期刊 (第一单位)
639	化学与分子科学学院	王勇	Phenylalanine stabilized copper nanoclusters for specific destruction of Congo red and bacteria in aqueous solution	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2022	WOS:000860962500001	SCI二区非TOP
640	化学与分子科学学院	王琪琳	Dearomative Periphery Modification of Quinolinium Salts to Assemble Ring-Encumbered Pyrrolidino-Tetrahydroquinoline Polycycles	ORGANIC LETTERS	2022	WOS:000773353800024	JCR-Top期刊 (第一单位)
641	化学与分子科学学院	王琪琳	A combination of polarity reversal, Diels-Alder cycloaddition and skeletal remodeling to access pyridine-fused nitrones	CHEMICAL COMMUNICATIONS	2022	WOS:000780424900001	JCR-Top期刊 (第一单位)
642	化学与分子科学学院	王琪琳	Diastereoselective construction of bridged piperidines through an interrupted dearomative reduction	CHEMICAL COMMUNICATIONS	2022	WOS:000816747700001	JCR-Top期刊 (第一单位)
643	化学与分子科学学院	陈威	Promoted charge separation on 3D interconnected Ti ₃ C ₂ /MoS ₂ /CdS composite for enhanced photocatalytic H ₂ production	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	WOS:075315110000920220411	JCR-Top期刊 (第一单位)
644	化学与分子科学学院	陈威	Facile in-situ synthesis of a-NiS/CdS p-n junction with enhanced photocatalytic H ₂ production activity	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	WOS:000865440100001	JCR-Top期刊 (第一单位)
645	化学与分子科学学院	张普玉	Preparation of Degradable Wood Cellulose Films Using Ionic Liquids	ACS APPLIED POLYMER MATERIALS	2022	WOS:000812801800001	SCI二区非TOP
646	化学与分子科学学院	张普玉	Visible-Light-Induced 1,6-Enynes Triggered C-Br Bond Homolysis of Bromomalonates: Solvent-Controlled Divergent Synthesis of Carbonylated	JOURNAL OF ORGANIC CHEMISTRY	2022	WOS:000830325100001	JCR-Top期刊 (第一单位)

647	化学与分子科学学院	李西营	Micro-mesoporous nitrogen-doped hollow carbon nanospheres as anodes for lithium-ion batteries with high-rate capability and enhanced photoreduction activity of CO ₂ to CO over Ag-loaded mesoporous g-C ₃ N ₄ (MCN) by promoting charge separation and CO ₂ adsorption	CERAMICS INTERNATIONAL	2022	074326210000520214711	JCR-Top期刊 (第一单位)
648	化学与分子科学学院	陈威	Polyaspartic acid-capped (4-[(2-aminoethyl)amino]-4-oxobutanoic acid as an efficient and green gypsum scale inhibitor and its scale	JOURNAL OF ALLOYS AND COMPOUNDS	2022	WOS:000826781900002	JCR-Top期刊 (第一单位)
649	化学与分子科学学院	曹中艳	The extended Stober method for synthesizing nitrogen-doped porous carbon nanospheres supported Pt nanoparticles towards methanol	DESALINATION	2022	WOS:000859728900002	JCR-Top期刊 (第一单位)
650	化学与分子科学学院	刘学军	Experimental and Theoretical Studies on the Interaction of Dopamine Hydrochloride with Nicotinic Acid	MATERIALS LETTERS	2022	WOS:000839350900008	SCI三区
651	化学与分子科学学院	刘学军	Experimental and Theoretical Study on the Interactions between Dopamine Hydrochloride and Vitamin B ₆ Hydrochloride	JOURNAL OF SOLUTION CHEMISTRY	2022	WOS:000862231600001	SCI四区
652	化学与分子科学学院	刘学军	双一流背景下高校化学实验室的安全管理与实践	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2022	WOS:000864146600033	SCI四区
653	化学与分子科学学院	刘学军	A self-healing nanocomposite hydrogel electrolyte for rechargeable aqueous Zn-MnO ₂ battery	化学工程与装备	2022		一般CN
654	化学与分子科学学院	翟翠萍	Visible Light-Promoted Radical-Mediated Ring-Opening/Cyclization of Vinyl Benzotriazoles: An Alternative Approach to Phenanthridines	COLLOIDS AND SURFACES A- PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2022	WOS:000830346200004	SCI二区非TOP
655	化学与分子科学学院	李盼	Photocatalytic Regioselective Difunctionalization of Alkenes with Diazo Compounds and tert-Butyl Nitrite: Access to 2-	ORGANIC LETTERS	2022	WOS:000860118900001	JCR-Top期刊 (第一单位)
656	化学与分子科学学院	李盼	Visible Light-Promoted Diazoacetates and Nitriles Generating Nitrilium Ions Trapped by Benzotriazoles and Carboxylic Acids	ORGANIC LETTERS	2022	WOS:000853688700001	JCR-Top期刊 (第一单位)
657	化学与分子科学学院	赵静静	Palladium-Catalyzed Carbonylative [5+1] Cycloaddition of N-Tosyl Vinylaziridines: Solvent-Controlled Divergent Synthesis of Hydrophobic Modification of ZSM-5-Encapsulated	ORGANIC LETTERS	2022	WOS:000836089400001	JCR-Top期刊 (第一单位)
658	化学与分子科学学院	赵静静	Uniform Pt Nanoparticles for Catalytic Oxidation of Volatile Organic Compounds	JOURNAL OF ORGANIC CHEMISTRY	2022	WOS:000834238400001	JCR-Top期刊 (第一单位)
659	化学与分子科学学院	田亚杰	Fe-Al isomorphous and self-pillared ZSM-5 nanosheet catalyst for cracking of n-heptane with enhanced selectivity of light olefins	ACS APPLIED NANO MATERIALS	2022	WOS:000800286500027	SCI二区非TOP
660	化学与分子科学学院	田亚杰	Three new POM-based coordination polymers with 1,3,5-tris(1-imidazolyl)benzene ligand: syntheses, structures and proton conductivity	JOURNAL OF THE ENERGY INSTITUTE	2022	WOS:000792893600003	SCI二区非TOP
661	化学与分子科学学院	李亚敏	Ultrastable Polyoxometalate-Encapsulated Supramolecular Metal-Organic Nanotubes for Single-Crystal Proton Conduction	CRYSTENGCOMM	2022	075043800000120220911	SCI三区
662	化学与分子科学学院	李亚敏	Three Keggin POMs-based coordination polymers constructed by linear N-heterocyclic ligand for proton conduction, photocatalytic activity	Inorganic Chemistry	2022	WOS:000820840700001	JCR-Top期刊 (第一单位)
663	化学与分子科学学院	李亚敏	Transition-Metal-Free Synthesis of 3-Acyl Chromones by the Tandem Reaction of Ynones and Methyl Salicylates	JOURNAL OF SOLID STATE CHEMISTRY	2022	WOS:000804435300014	SCI三区
664	化学与分子科学学院	王彦波		Journal of Organic Chemistry	2022	WOS:000879004400001	JCR-Top期刊 (第一单位)

665	化学与分子科学学院	王彦波	Base-Promoted Divergent Annulation of Conjugated Ynones and Methyl 2-(Cyanomethyl)benzoates to Access 1-Naphthols	JOURNAL OF ORGANIC CHEMISTRY	2022	WOS:000852138000001	JCR-Top期刊 (第一单位)
666	化学与分子科学学院	龚春红	TiN/BN composite with excellent thermal stability for efficiency microwave absorption in wide temperature spectrum	JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY	2022	WOS:000827366900003	JCR-Top期刊 (第一单位)
667	化学与分子科学学院	龚春红	Reduced graphene oxide@carbon sphere based metacomposites for temperature-insensitive and efficient microwave absorption	NANO RESEARCH	2022	WOS:000823385500013	JCR-Top期刊 (第一单位)
668	化学与分子科学学院	龚春红	TiN/Fe ₂ Ni ₂ N/SiO ₂ composites for magnetic-dielectric balance to facilitate temperature-stable broadband microwave absorption	JOURNAL OF ALLOYS AND COMPOUNDS	2022	WOS:000808342100001	JCR-Top期刊 (第一单位)
669	化学与分子科学学院	田亚杰	Synthesis of uniform Ni nanoparticles encapsulated in ZSM-5 for selective hydrodeoxygenation of phenolics	RENEWABLE ENERGY	2022	08101780000092022212	JCR-Top期刊 (第一单位)
670	化学与分子科学学院	田亚杰	Fabrication of extra-framework Al in ZSM-5 to enhance light olefins production in catalytic cracking of n-pentane	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	2022	080651600000420222112	SCI二区非TOP
671	化学与分子科学学院	田亚杰	Hydrodeoxygenation of phenolics over uniformly dispersed Pt-Ni alloys supported by self-pillared ZSM-5 nanosheets	FUEL	2022	079987050000120221511	JCR-Top期刊 (第一单位)
672	化学与分子科学学院	周艳梅	Rational Design of ICT-Based Fluorescent Probe with AIE and NIR Properties for Hypochlorite Determination	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2022	WOS:000746153800001	SCI四区
673	化学与分子科学学院	卢明华	Melamine/MIL-101(Fe)-derived magnetic carbon nanotube-decorated nitrogen-doped carbon materials as sorbent for rapid removal of	JOURNAL OF MOLECULAR LIQUIDS	2022	WOS:000830855900001	SCI二区非TOP
674	化学与分子科学学院	卢明华	Preparation of multivariate zirconia metal-organic frameworks for highly efficient adsorption of endocrine disrupting compounds	Journal of Hazardous Materials	2022	202145111109821	JCR-Top期刊 (第一单位)
675	化学与分子科学学院	韩秋霞	Designing a Polyoxometalate-Incorporated Metal-Organic Framework for Reduction of Nitroarones to Anilines by Sequential Proton-	INORGANIC CHEMISTRY	2022	WOS:000789085900019	JCR-Top期刊 (第一单位)
676	化学与分子科学学院	韩秋霞	Photocatalytic Multielectron Reduction of Nitroarenes to Anilines by Utilizing an Electron-Storable Polyoxometalate-Based Metal-	ACS APPLIED MATERIALS & INTERFACES	2022	WOS:000800533100048	JCR-Top期刊 (第一单位)
677	化学与分子科学学院	韩秋霞	Design of a Polyoxometalate-Based Metal-Organic Framework for Photocatalytic C(sp ³)-H Oxidation of Toluene	INORGANIC CHEMISTRY	2022	076620980000520220611	JCR-Top期刊 (第一单位)
678	化学与分子科学学院	孙琳	A centrosymmetric Dy ₂ compound derived from acylhydrazone Schiff base ligand exhibiting zero-field single-molecule magnet behavior	Journal of Molecular Structure	2022	WOS:000744745200013	SCI二区非TOP
679	化学与分子科学学院	孙琳	“以学生为中心”的无机化学实验教学改革与探究——以河南大学为例	广州化工	2022		一般CN
680	化学与分子科学学院	孙琳	Observation of field-induced single-molecule magnet behavior in an octahedrally coordinated binuclear Co ²⁺ compound	INORGANICA CHIMICA ACTA	2022	WOS:000861606300003	SCI三区
681	化学与分子科学学院	李梦华	Nickel(II)-catalyzed highly selective 1,2-diborylation of non-activated monosubstituted alkenes	CHEMICAL COMMUNICATIONS	2022	WOS:000862295400001	JCR-Top期刊 (第一单位)
682	化学与分子科学学院	周帅帅	石墨烯生产关键设备CFD-DEM模拟	中国粉体技术	2022		中文核心

683	化学与分子科学学院	冯彩霞	In-situ growth into jungle-like Bi2O3/Bi2O2CO3 heterostructures with concentration-controllable oxygen vacancy and ratio-tunable	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2022	WOS:000841977600002	SCI 三区
684	化学与分子科学学院	程亚敏	Synthesis of polyaspartic acid-capped 2-aminoethylamino acid as a green water treatment agent and study of its inhibition	RSC ADVANCES	2022	WOS:000847493200001	SCI 三区
685	化学与分子科学学院	郭续更	Upconversion photoluminescence enhancement by Gd-doped NaYF4:Yb, Er@SiO2 nanoparticles and their application in dye-sensitized solar	JOURNAL OF LUMINESCENCE	2022	086034720000120222412	SCI 二区非TOP
686	化学与分子科学学院	郭续更	Enhancement of corrosion resistance of AZ31B magnesium alloy by preparing MgAl-LDHs coatings modified with imidazolium based	SURFACE & COATINGS TECHNOLOGY	2022	WOS:000830102700005	JCR-Top期刊 (第一单位)
687	化学与分子科学学院	郭续更	Experimental and theoretical studies on corrosion inhibition behavior of three imidazolium-based ionic liquids for magnesium	JOURNAL OF MOLECULAR LIQUIDS	2022	WOS:000754557900009	SCI 二区非TOP
688	化学与分子科学学院	郭续更	A synergistic effect of NaYF4:Yb,Er@NaGdF4:Nd@SiO2 upconversion nanoparticles and TiO2 hollow spheres to	ELECTROCHIMICA ACTA	2022	WOS:000804946100003	JCR-Top期刊 (第一单位)
689	化学与分子科学学院	徐浩	Manganese-mediated reductive N,N-dialkylation of nitroarenes: a dramatic NiI2 effect	ORGANIC CHEMISTRY FRONTIERS	2022	WOS:000835354100001	JCR-Top期刊 (第一单位)
690	化学与分子科学学院	刘勇	An improved Stober method towards iron and nitrogen co-doped porous carbon spheres for oxygen reduction reaction in alkaline media	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2022	WOS:000744010700004	JCR-Top期刊 (第一单位)
691	化学与分子科学学院	刘勇	In Situ Synthesis of Fe-N Co-doped Porous Carbon Nanospheres by Extended Stober Method for Oxygen Reduction in Both Alkaline and	CHEMELECTROCHEM	2022	WOS:000747395000028	SCI 三区
692	化学与分子科学学院	刘勇	Poly(ionic liquids) derived N, S co-doped carbon nanorod from in situ and template-free method as an efficient metal-free bifunctional	JOURNAL OF ALLOYS AND COMPOUNDS	2022	WOS:000798098900002	JCR-Top期刊 (第一单位)
693	化学与分子科学学院	刘勇	The preparation of bifunctional Co-N co-doped carbon with bamboo-like hollow tubular as an efficient electrocatalyst for oxygen reduction	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2022	WOS:000882200500007	SCI 三区
694	化学与分子科学学院	刘小强	Template-assisted synthesis of high-efficiency bifunctional catalysts with roller-comb-like nanostructure for rechargeable zinc-air	Chemical Engineering Journal	2022	WOS:000728401100002	JCR-Top期刊 (第一单位)
695	化学与分子科学学院	刘小强	Ultrasensitive PEC aptasensor based on one dimensional hierarchical SnS2 oxygen vacancy-WO3 co-sensitized by formation of a cascade	Sensors and Actuators B-Chemical	2022	WOS:000720837000005	JCR-Top期刊 (第一单位)
696	化学与分子科学学院	刘小强	Inter-lamellar nanostructures-by-design for high-performance dual-photoelectrode photofuel cell based sensor	Sensors and Actuators B-Chemical	2022	20214110999981	JCR-Top期刊 (第一单位)
697	化学与分子科学学院	张宁	Partially fluorinated UiO-66-NH2(Zr): Positive effect of the fluorine moiety on the adsorption capacity for environmental	CHEMICAL ENGINEERING JOURNAL	2022	081797270000320222612	JCR-Top期刊 (第一单位)
698	化学与分子科学学院	刘绣华	A Dioscorea opposita Thunb Polysaccharide-Based Dual-Responsive Hydrogel for Insulin Controlled Release	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022	WOS:000845630700001	JCR-Top期刊 (第一单位)
699	化学与分子科学学院	汤雁婷	Fabrication of beta zeolite supported Ti3+-TiO2/CdS composite for ultrahigh-performance photodegradation of tetracycline under	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2022	WOS:000868601200004	SCI 二区非TOP
700	化学与分子科学学院	朱金花	Facile Preparation of Fluorescent Carbon Dots from Glutathione and L-Tryptophan for Sensitive and Selective Off/On Detection of	ACS OMEGA	2022	WOS:000783599200040	SCI 三区

701	化学与分子科学学院	庞杰	Application progress of magnetic lignocellulose biochars in water treatment	Jingxi Huagong/Fine Chemicals	2022	20220611611382	EI期刊论文
702	化学与分子科学学院	朱金花	Carbon Dots Embedded Hybrid Microgel with Phenylboronic Acid as Monomer for Fluorescent Glucose Sensing and Glucose-Triggered Insulin	NANOMATERIALS	2022	WOS:000851707800001	SCI三区
703	化学与分子科学学院	朱金花	1102 nanotube immobilised 5-lipoxygenase-mediated screening and isolation of anti-inflammatory active compounds from the leaves	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2022	WOS:000855201700001	SCI二区非TOP
704	化学与分子科学学院	肖亚辉	Mild and highly selective hydrogenation of cyclohexyl acetate to cyclohexanol over Cu(i) coordinated amino-functionalized poly(ionic	CATALYSIS SCIENCE & TECHNOLOGY	2022	WOS:000860968500001	SCI二区非TOP
705	化学与分子科学学院	肖亚辉	Fe3C confined in N-doped carbons derived from Fe-N bearing ionic liquids for selective oxidation of styrene into benzaldehyde with	JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS	2022	WOS:000804531200002	SCI三区
706	化学与分子科学学院	熊恒英	Catalyst-free synthesis of quinoline-enols through coupling between heterocyclic N-oxides and CE3-vnones under mild conditions	ORGANIC CHEMISTRY FRONTIERS	2022	WOS:000865259200001	JCR-Top期刊 (第一单位)
707	化学与分子科学学院	柏奕	Two three-dimensional Fe(II) frameworks based on {P4Mo6} tetrameric clusters exhibiting efficient visible-light photocatalytic	Dalton Transactions	2022	WOS:000885601800001	SCI二区非TOP
708	化学与分子科学学院	王冠	Ultrathin Niobate Nanosheet Assembly with Au NPs and CdS QDs as a Highly Efficient Photocatalyst	CHEMISTRY-A EUROPEAN JOURNAL	2022	WOS: 000859248100001	JCR-Top期刊 (第一单位)
709	化学与分子科学学院	张东娣	Calixarene-Functionalized Stable Bismuth Oxygen Clusters for Specific CO2-to-HCOOH Electrorreduction	ACS Catalysis	2022	WOS:000898479300001	JCR-Top期刊 (第一单位)