

申请专利

序号	专利技术项目名称	专利类型	申请日期	申请号
1	锂基催化剂及其制备方法和在过硫酸盐降解废水中的应用	发明	2022.01.25	CN202210088365.9
2	一种功能化 MOF 材料、制备方法及其作为固相萃取吸附剂的应用	发明	2022.03.22	CN202210283412.5
3	钴纳米颗粒包埋氮掺杂碳多孔催化剂及其制备方法及应用	发明	2022.07.08	CN202210799730.7
4	氮配位的单原子钴催化剂及其制备方法及应用	发明	2022.07.20	CN202210857062.9
5	一种环境水体中痕量糖皮质激素的分析识别方法	发明	2022.07.27	CN202210890735.0
6	一种基于共轭微聚合材料富集检测人工麝香的方法	发明	2022.08.31	CN202211060772.5
7	一种新型负载小球藻的椰壳活性炭吸附剂及其制备方法与应用	发明	2022.03.01	CN202210194470.0
8	固体废物处理装置	实用新型	2022.07.28	CN202221967754.0
9	一种全氟辛烷磺酸分子印迹聚合物及其制备方法和应用	发明	2022.01.21	CN202210073615.1
10	一种分离自西洋参茎叶的二氢黄酮类化合物及抗结肠癌应用	发明	2022.02.17	CN202210146948.2
11	一种基于连续逆流提取的黄芩苷生产线及方法	发明	2022.06.15	CN202210673975.5
12	一种基于逆流提取和药渣脱溶的药效成分提取装置	实用新型	2022.06.15	CN202221497857.5
13	一种黄芩提取液连续酸化装置	实用新型	2022.06.15	CN202221497876.8
14	一种具有灭酶和挤渣功能的逆流提取设备	实用新型	2022.06.15	CN202221497812.8
15	一种电致化学发光检测氟离子传感器及其应用方法	发明	2022.06.20	CN202210698629.2
16	单糖衍生化试剂、其制备方法及单糖异构体的质谱成像方法	发明	2022.07.04	CN202210779981.9
17	一种多糖类胰蛋白酶抑制剂及其制备方法	发明	2022.07.05	CN202210782678.4
18	一种高速逆流色谱分离纯化黄精中高异黄酮类化合物的方法	发明	2022.07.11	CN202210808437.2
19	小儿消食片的指纹图谱构建方法及其成分含量的测定方法	发明	2022.07.25	CN202210884444.0
20	一种 N-N-双-恶唑烷酮生物碱类化合物、制备方法及其在医药领域的应用	发明	2022.08.11	CN202210961137.8

21	一种用于全氟烷基醚类羧酸的质谱方法及其应用	PCT	2022. 11. 10	PCT/CN2022/131172
22	一种高晶型纯度艾司奥美拉唑镁二水合物晶体的制备方法	发明	2022. 03. 08	CN202210217821. 5
23	一种氯氮平细粉的制备方法	发明	2022. 07. 08	CN202210801020. 3
24	一种盐酸二甲双胍晶体的制备方法及采用该方法得到的单分散、粒度均一棒状晶体	发明	2022. 07. 14	CN202210832247. 4
25	一种核酸污染清除剂及其制备方法	发明	2022. 01. 11	CN202210026958. 2
26	一种检测凝血酶及其抑制剂的纸基传感方法	发明	2022. 03. 10	CN202210231955. 2
27	一种结合 DNA 滚环扩增技术的比色液晶生物传感检测方法	发明	2022. 04. 07	CN202210360225. 2
28	聚合物涂膜的比距型传感器及其制备方法与检测方法	发明	2022. 04. 30	CN202210467883. 1
29	一种基于液体粘度变化的脂肪酶可视化检测方法及检测试剂盒	发明	2022. 05. 11	CN202210509272. 9
30	一种含缺陷交互作用的金属材料应力集中分析方法	发明	2022. 08. 26	CN202211028885. 7

授权专利

序号	专利技术项目名称	发明类型	授权日期	授权专利号
1	查尔酮化合物在制备治疗阿尔茨海默病药物中的应用及药物组合物	发明	2022.01.04	ZL202011272633.X
2	一种农业面源污染废水立体阻控生态净化系统及构建方法	发明	2022.01.07	ZL201910954366.5
3	从青竹标中提取及分离纯化的环丁四醇酯类化合物及其方法	发明	2022.02.11	ZL201910407238.9
4	咖啡酰奎宁酸丁酯类同分异构体及其制备方法和应用	发明	2022.02.11	ZL201910676555.0
5	一种金银花体内代谢产物的识别方法	发明	2022.02.11	ZL201910486127.1
6	一种低共熔溶剂提取黄芩化学成分的方法	发明	2022.03.08	ZL201910900609.7
7	一种丙胺卡因晶型及制备方法	发明	2022.03.11	ZL202111502346.8
8	一种 CsPb ₂ Br ₅ 中掺杂 CsPbBr ₃ 的复合钙钛矿材料及其制备方法和用途	发明	2022.03.15	ZL201911213564.2
9	一种用于检测全氟化合物的固相微萃取探针及其制备方法和应用	发明	2022.03.15	ZL201910403098.8
10	一种多孔亚胺链共价有机骨架材料在雌激素检测中的应用	发明	2022.03.15	ZL201910853601.X
11	一种氨基甲酸酯农药检测的固相微萃取吸附剂及其制备方法和应用	发明	2022.03.15	ZL201910734802.8
12	失效分析用保护性结构件裂纹梯度式分离装置及方法和应用	发明	2022.03.15	ZL202011422341.X
13	一种金银花中抗氧化成分的筛选方法	发明	2022.03.18	ZL201910507822.1
14	一种齿环解绕的高速逆流色谱仪	发明	2022.03.18	ZL201710081339.2
15	一种忍冬叶活性成分的高效制备方法及其抗病毒应用	发明	2022.03.18	ZL202011332804.3
16	一种羧酸衍生化试剂及其制备方法和应用	发明	2022.03.18	ZL202010441406.9
17	一种青黛中具有抗肠炎活性的二苯乙烯类化合物及其制备方法、应用	发明	2022.04.19	ZL201910821809.3
18	前列欣胶囊抗炎组分筛选及其在抑制炎症反应中的应用	发明	2022.04.22	ZL202110795499.X

19	一种紫锥菊中酚酸类化合物的分离制备方法	发明	2022.04.22	ZL201910984709.2
20	一种基于逆流色谱分离皂角刺中黄酮单体的方法	发明	2022.04.22	ZL202010710044.9
21	一种同时分析生物组织中多种胺类代谢物的质谱成像方法	发明	2022.04.22	ZL201910317760.8
22	一种三萜皂苷质谱结构解析方法	发明	2022.04.22	ZL201910402093.3
23	低剂量白细胞介素2在防治骨质疏松症中的新用途	发明	2022.04.29	ZL201910065133.X
24	蒽醌类化合物在制备治疗糖尿病药物中的应用及药物组合物	发明	2022.05.13	ZL202011270255.1
25	一种查尔酮化合物及其从刺果毛茛中的制备方法	发明	2022.05.17	ZL202011270224.6
26	一种同时测定瓜蒌药材中核苷和黄酮类成分的方法及其应用	发明	2022.05.17	ZL202010896929.2
27	一种拟除虫菊酯农药检测的固相微萃取吸附剂及其制备方法和应用	发明	2022.05.17	ZL201910735472.4
28	VSM在制备治疗横纹肌肉瘤药物中的应用	发明	2022.05.27	ZL202011417665.4
29	一种高晶型纯度艾司奥美拉唑镁二水合物晶体的制备方法	发明	2022.07.05	ZL202210217821.5
30	一种双吡啶生物碱化合物及其制备方法和应用	发明	2022.07.12	ZL202110982023.7
31	一种温敏型溶致液晶药物载体及其制备方法与应用	发明	2022.07.12	ZL202010836304.7
32	一种酚苷类化合物及其制备方法和应用	发明	2022.07.12	ZL202110484207.0
33	一种植物源性食品中苯氧羧酸类农药残留量的检测方法	发明	2022.07.15	ZL202010972874.9
34	一种花球状共价有机框架材料及其制备与应用	发明	2022.07.19	ZL202010112096.6
35	一种具有多级筛选功能的土壤污染修复用检测装置	发明	2022.07.26	ZL202110102925.7
36	一种亚临界水提取灯盏花中总黄酮成分的方法	发明	2022.08.05	ZL201910054324.6
37	一种利用酶催化诱导适配体释放筛选酶抑制剂的高通量液晶检测平台制备方法	发明	2022.08.09	ZL202110103824.1
38	一种超声辅助提取、酸解灵芝多糖及单糖组成检测方法	发明	2022.09.09	ZL201911370356.3
39	一种锥齿轮解绕的非同步高速逆流色谱仪	发明	2022.09.09	ZL201611213533.3

40	高效催化降解磺胺类抗生素的催化剂及其制备方法和应用	发明	2022.09.13	ZL202110161847.8
41	一种磁性固相萃取剂及制备方法与应用	发明	2022.10.11	ZL202011639084.5
42	一种带有磨屑收集装置的摩擦磨损试验机	发明	2022.11.04	ZL202010349659.3
43	一种基于可见光催化的脂质碳碳双键异构体质谱成像方法及其应用	发明	2022.11.11	ZL202110333377.9
44	一种白细胞介素 2 抑制破骨细胞生成和功能的新用途	发明	2022.11.15	ZL201910074013.6
45	一种多酚类位置异构体定性方法	发明	2022.12.02	ZL201910407541.9
46	一种太子参寡糖的指纹图谱构建、检测方法及装置	发明	2022.12.02	ZL202010571945.4
47	一种磺胺类抗生素的液相-串联质谱分析方法	发明	2022.09.13	ZL202010032761.0
48	一种分析功能性饮料中双酚类化合物的方法	发明	2022.09.13	ZL202010338709.8
49	一种磁性吸附材料及其在苯甲酰脲类杀虫剂检测中的应用	发明	2022.12.06	ZL202010351545.2
50	Method for regulating crystal habit of ropivacaine	发明	2022.03.30	ZA202200127B
51	Device and method for algae removal and sterilization of ballast water based on cesium 137 irradiation and ultraviolet irradiation	发明	2022.03.30	ZA202200359B
52	Electromagnetic radiation detection device and method based on intelligent flight trajectory control of unmanned aerial vehicle	发明	2022.03.30	ZA202109704B
53	一种风机主轴伸缩式智能控制淬火装置	实用新型	2022.04.15	ZL202122408693.6
54	固体废料处理装置	实用新型	2022.11.29	ZL202221967754.0
55	一种基于逆流提取和药渣脱溶的药效成分提取装置	实用新型	2022.12.02	ZL202221497857.5
56	一种具有灭酶和挤渣功能的逆流提取设备	实用新型	2022.12.02	ZL202221497812.8
57	一种黄芩提取液连续酸化装置	实用新型	2022.12.02	ZL202221497876.8

论文

序号	论文题目	期刊名	影响因子	SCI	EI	TOP 期刊	北大 中文 核心	CSCD
1	Leakage failure of a stainless steel spiral plate condenser	Engineering Failure Analysis	3.114	1				
2	Microstructure evolution of a multi-track AlCoCrFeNi high entropy alloy coating fabricated by laser cladding	Materials Characterization	4.342	1		1		
3	Interfacial assembly of functional mesoporous nanomatrices for laser desorption/ionization mass spectrometry	Nano Today	20.722	1		1		
4	An Integrated Strategy for Rapid Screening of Multi-target Lead Compounds for the Treatment of Alzheimer's Disease from Traditional Chinese Medicines by UHPLC Combined with High-throughput Screening: A Case Study on Salviae Miltiorrhizae Radix et Rhizoma	Current Pharmaceutical Analysis	0.89	1				
5	Synthesis and carbene-insertion preparation of hydrophobic natural polymer materials for rapid and efficient oil/water separation	Applied Surface Science	6.707	1		1		
6	Multi-wavelength visible-light induced [2+2] cycloaddition for identification of lipid isomers in biological samples	Journal of Chromatography A	4.759	1				
7	Composite SPE Paper Membrane Based on the Functional	ACS APPL MATER INTER	9.299	1		1		
8	C18 Reversed-Phase Liquid Chromatography Column Coupled with Ion Chromatography: a Method for the Determination of Trimethylamine Hydrochloride Residues in Cationic Etherifying Agent	CHROMATOGRAPHIA	2.044	1				
9	Porous 3D superstructure of nitrogen doped carbon decorated with ultrafine cobalt nanodots as peroxymonosulfate activator for the degradation of sulfonamides	Chemical Engineering Journal	13.273	1		1		
10	Extraction of parishin B and parishin C from Gastrodiae Rhizoma by subcritical water technology	Journal of Industrial and Engineering Chemistry	6.064	1				
11	Force-Induced Molecular Isomerization for the Construction of Multicolor Luminescent Segmented Molecular Crystals	Advanced Optical Materials	9.926	1		1		
12	Viscosity-based flow sensor on paper for quantitative and label-free detection of α -amylase and its inhibitor	ACS Sensors	7.711	1		1		
13	Reversible Ni ²⁺ fluorescent probe based on ICT mechanism and its application in bio-imaging of Zebrafish	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	4.291	1				

14	Modification of Haematococcus pluvialis algal residue by ionic liquid for improved extraction of astaxanthin followed by removal of acid red dye in water	Algal Research-Biomass Biofuels and Bioproducts	4. 401	1				
15	A novel on-tissue cycloaddition reagent for mass spectrometry imaging of lipid C=C position isomers in biological tissues	Chinese Chemical Letters	6. 779	1				
16	Factors affecting hydraulic conductivity and methods to measure in plants	Journal of Integrative Agriculture	2. 848	1				
17	Hydroxymethylation of active methenyl compounds: DMSO as methylene source and H ₂ O as oxygen source	Tetrahedron Letters	2. 415	1				
18	An amine-functionalized olefin-linked covalent organic framework used for the solid-phase microextraction of legacy and emerging per- and polyfluoroalkyl substances in fish	Journal of Hazardous Materials	10. 588	1		1		
19	Evaluation of maximum non-metallic inclusion sizes in steel by statistics of extreme values method based on Micro-CT imaging	Metallurgical Research and Technology	1. 035	1				
20	Photoelectrochemical Detection of Exosomal miRNAs by Combining Target-Programmed Controllable Signal Quenching Engineering	Analytical Chemistry	6. 986	1		1		
21	Discovery of DNA-Targeting HDAC Inhibitors with Potent Antitumor Efficacy In Vivo That Trigger Antitumor Immunity	Journal of Medicinal Chemistry	3. 591	1				
22	One-step pyrolysis for the preparation of sulfur-doped biochar loaded with iron nanoparticles as an effective peroxymonosulfate activator for RhB degradation	New journal of chemistry	3. 591	1				
23	Measurement and Correlation of the Solubility of 2-Mercapto-1,3,4-thiadiazol in Aqueous Binary Solvent Mixtures	JOURNAL OF CHEMICAL AND ENGINEERING DATA	2. 694	1				
24	Solid-liquid equilibrium of ropivacaine in fourteen organic solvents: An experimental and molecular simulation study	Journal of Molecular Liquids	6. 165	1				
25	Failure modes, mechanisms and causes of shafts in mechanical equipment	Engineering Failure Analysis	3. 114	1				
26	Paper-Based Flow Sensor for the Detection of Hyaluronidase via an Enzyme Hydrolysis-Induced Viscosity Change in a Polymer Solution	Analytical Chemistry	6. 986	1		1		
27	Fluorinated boron nitride nanosheets as an inorganic matrix for the MALDI mass spectrometry analysis of perfluoroalkyl acids	Talanta	6. 057	1				
28	Study on the mechanism of biochar loaded typical microalgae Chlorella removal of cadmium	Science of the Total Environment	7. 963	1		1		
29	Determination and Correlation of Solubility of Metformin Hydrochloride in Aqueous Binary Solvents from 283.15 K to 323.15 K	ACS Omega	3. 512	1				

30	A novel chitosan modified magnesium impregnated corn straw biochar for ammonium and phosphate removal from simulated livestock wastewater	Environmental Technology & Innovation	5. 263	1				
31	Liquid crystal-based sensitive and selective detection of uric acid and uricase in body fluids	Talanta	6. 057	1				
32	Characterization of Silver Nanoparticles Synthesized by Leaves of <i>Lonicera japonica</i> Thunb	International Journal of Nanomedicine	6. 400	1				
33	Rational Design and Construction of Nanoporous and Nanosize NiWO ₄ for High-Performance Supercapacitors	Russian Journal of Physical Chemistry A	0. 691	1				
34	The Emerging Potential of Parthenolide Nanoformulations in Tumor Therapy	Drug Design Development and Therapy	4. 162	1				
35	Covalent organic nanospheres as a fiber coating for solid-phase microextraction of genotoxic impurities followed by analysis using GC-MS	Journal of Pharmaceutical Analysis	4. 769	1				
36	An efficient high-speed counter-current chromatography method for the preparative separation of potential antioxidants from <i>Paonia lactiflora</i> Pall. combination of in vitro evaluation and molecular docking	Journal of Separation Science	3. 645	1				
37	Microfluidic strategies for the blood-brain barrier construction and assessment	Trends in Analytical Chemistry	12. 296	1		1		
38	Functional metal–organic framework as high-performance adsorbent for selective enrichment of pharmaceutical contaminants in aqueous samples	Chemical Engineering Journal	13. 273	1		1		
39	An efficient method of nitrate-nitrogen removal from wastewater based on pyrrhotite autotrophic denitrification.	Desalination and Water Treatment	1. 254	1				
40	Surface-anchored liquid crystal droplets for the semi-quantitative detection of Aflatoxin B1 in food samples	Food Chemistry	7. 514	1		1		
41	A carrier-free photodynamic nanodrug to enable regulation of dendritic cells for boosting cancer immunotherapy	Acta Biomaterialia	8. 947	1		1		
42	Solid-liquid equilibrium, thermodynamic modelling and the solvent effect of glimepiride in mono-solvents and binary mixed solvents	Journal of Molecular Liquids	6. 165	1				
43	A paper-based lateral flow sensor for the detection of thrombin and its inhibitors	Analytica Chimica Acta	6. 558	1				
44	Propionate Ameliorates Alcohol-Induced Liver Injury in Mice via the Gut–Liver Axis: Focus on the Improvement of Intestinal Permeability	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	5. 279	1		1		
45	Colorimetric liquid crystal-based assay for the ultrasensitive detection of AFB1 assisted with rolling circle amplification	Analytica Chimica Acta	6. 558	1				

46	Neutrophil subsets and their differential roles in viral respiratory diseases	Journal of Leukocyte Biology	4. 962	1				
47	Singlet oxygen-oriented degradation of sulfamethoxazole by Li-Al LDH activated peroxymonosulfate	Separation and Purification Technology	7. 312	1				
48	Rapid determination of hexabromocyclododecane enantiomers in animal meat by matrix solid phase dispersion coupled with LC–MS/MS	Food Chemistry	7. 514	1		1		
49	Dietary exposure and risk assessment of chlorinated parafns in roots and rhizomes of traditional Chinese medicine herbs	Environmental Science and Pollution Research	4. 223	1				
50	An Injectable Hydrogel to Modulate T Cells for Cancer Immunotherapy	Small	13. 281	1		1		
51	APPLICATION OF MSPD IN PRETREATMENT FOR DETERMINATION OF PERFLUORINATED COMPOUNDS (PFCs) IN MEAT	Fresenius Environmental Bulletin	0. 489	1				
52	Characteristics and health risk assessment of heavy metal pollution in atmospheric particulate matter in different regions of the Yellow River Delta in China	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	4. 609	1				
53	Review on Preparation of Biodiesel by Transesterification of Inedible Oil	Forest Chemicals Review			1			
54	Insights Into the Properties, Biological Functions, and Regulation of USP21	Frontiers in pharmacology	5. 811	1				
55	Improvement of phosphate solubilizing bacteria Paenibacillus xylanexedens on the growth of Chlorella pyrenoidosa and wastewater treatment in attached cultivation	Chemosphere	7. 086	1		1		
56	The Effect of halo-substituents on physical properties based on 1,3,5-triarylbenzenes: synthesis, crystal structure and Hirshfeld surface	Journal of Molecular Structure	3. 196	1				
57	Piezo-photoelectric all-in-one coaxial hierarchical TiO ₂ -BaTiO ₃ -CuInS ₂ heterostructure for synergistic water splitting	Materials Today Chemistry	8. 301	1		1		
58	Discovery and SAR analysis of 5-chloro-4- ((substituted phenyl)amino)pyrimidine bearing histone deacetylase inhibitors	Journal of Enzyme Inhibition and Medicinal Chemistry	5. 051	1				
59	Discovery of 2-Phenylquinoline-4-Carboxylic Acid Derivatives as Novel Histone Deacetylase Inhibitors	Frontiers in Chemistry	5. 221	1				
60	Discovery and SAR analysis of phenylbenzo[d] [1,3]dioxole-based proprotein convertase subtilisin/kexin type 9 inhibitors	Journal of Enzyme Inhibition and Medicinal Chemistry	5. 051	1				
61	Cationic covalent organic nanosheets for rapid and effective detection of phenoxy carboxylic acid herbicides residue emitted from water and rice samples	Food Chemistry	7. 514	1		1		

62	Activation of peroxydisulfate by a stable Co-Mg-Al LDO heterogeneous catalyst for the efficient degradation of ofloxacin	Separation and Purification Technology	7. 312	1				
63	Effect of natural polymer additives on crystal form and morphology of clozapine anhydrate and monohydrate	Journal of Molecular Liquids	6. 165	1				
64	Rapid authentication of Chaenomeles species by visual volatile components fingerprints based on headspace gas chromatography-ion mobility spectrometry combined with chemometric analysis	Phytochemical Analysis	3. 373	1				
65	Bioactive constituents from the leaves of Lonicera japonica	Fitoterapia	2. 882	1				
66	Dual functional sp ² carbon-conjugated nanoporous covalent organic framework as a Janus fluorescence sensor for the detection of hazardous substances	ACS Applied Nano Materials	5. 097	1				
67	Study on microbial community structure and soil nitrogen accumulation in greenhouse vegetable fields with different planting years	Agronomy	2. 240	1				
68	Hydroxyl group-enriched microporous organic network for high-performance solid-phase extraction of triazine herbicides: Experiment and DFT calculation on adsorption behavior	Chemical Engineering Journal	13. 273	1		1		
69	Fatigue behavior and mechanism of dog-bone-shaped specimens of FV520B-I in a very high cycle regime	FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES	3. 459	1				
70	On-tissue derivatization for isomer-specific mass spectrometry imaging and relative quantification of monosaccharides in biological tissues	Analytica Chimica Acta	6. 558	1				
71	Dysbiosis in Preeclampsia and Treatment With Short Chain Fatty Acids	Circulation Research	17. 367	1		1		
72	Piezotronic Effect-Assisted Photoelectrochemical Exosomal MicroRNA Monitoring Based on an Electron Donor Self-Supplying Strategy	Analytical Chemistry	6. 986	1		1		
73	Visualizing the spatial distribution and alteration of metabolites in continuously cropped Salvia miltiorrhiza Bge using MALDI-MSI	Journal of Pharmaceutical Analysis	4. 769	1				
74	Co nanoparticles encapsulated in nitrogen-doped nanocarbon derived from cobalt-modified covalent organic framework as peroxydisulfate activator for sulfamerazine degradation	Separation and Purification Technology	7. 312	1				
75	Spring soil CO ₂ and CH ₄ emissions in the Yellow River Delta wetland, China	Journal of Sea Research	2. 108	1				

76	Fluorine-functionalized conjugated microporous polymer as adsorbents for solid-phase extraction of nine perfluorinated alkyl substances	Journal of Chromatography A	4. 759	1				
77	The Advances of Hydrosol–Gel Transition-Based Sensors	chemosensors	3. 398	1				
78	Single-atom Co-N 5 catalytic sites on carbon nanotubes as peroxymonosulfate activator for sulfamerazine degradation via enhanced electron transfer pathway	Separation and Purification Technology	7. 312	1				
79	Room-temperature synthesis of nitrogen-rich conjugated microporous polymers for solid-phase extraction of trace synthetic musks	Food Chemistry	7. 514	1		1		
80	Determination of trace phenoxy carboxylic acid herbicides in environmental water samples by covalent organic frameworks based solid phase extraction coupled with liquid chromatography-tandem mass spectrometry	Journal of Chromatography A	4. 759	1				
81	Hexagonal boron nitride nanosheets based magnetic solid phase extraction for the extraction of phenoxy carboxylic acid herbicides from water samples followed by high-performance liquid chromatography-tandem mass spectrometry	Journal of Chromatography A	4. 759	1				
82	Solid–Liquid Equilibrium Behavior and Solvent Effect of Gliclazide in Mono- and Binary Solvents	ACS Omega	3. 512	1				
83	Imprinted covalent organic frameworks prepared by thiol-ene click reaction for selective solid-phase microextraction of aminoglycosides from milk and honey	Microchemical Journal	4. 821	1				
84	Discovery of 2,5-diphenyl-1,3,4-thiadiazole derivatives as HDAC inhibitors with DNA binding affinity	European Journal of Medicinal Chemistry	6. 514	1		1		
85	Ti3C2(OH) _x -assisted LDI-TOF-MS for the rapid analysis of natural small molecules	Analytical and Bioanalytical Chemistry	4. 157	1				
86	Hollow-Channel Paper Analytical Devices Supported Biofuel Cell-Based Self-Powered Molecularly Imprinted Polymer Sensor for Pesticide Detection	Biosensors-Basel	5. 519	1				
87	Matrix-assisted laser desorption/ionization mass spectrometry imaging reveals “Spatial-Temporal-Content” changes of parishins in Gastrodiae Rhizoma during the steaming process	Food Research International	6. 475	1		1		
88	Establishment of Quality Evaluation Method for Yinqiao Powder: A Herbal Formula against COVID-19 in China	Journal of Analytical Methods in Chemistry	2. 193	1				
89	Research Progress for Targeting Deubiquitinases in Gastric Cancers	Cancers	6. 639	1				
90	Efficient separation of anti-inflammatory isolates from Polygonti rhizome by three different modes of high-speed counter-current chromatography	Journal of separation science	3. 645	1				

91	Paper-Based Distance Sensor for the Detection of Lipase via a Phase Separation-Induced Viscosity Change	Analytical Chemistry	6. 986	1		1		
92	Indole acetylated high-amylose maize starch: Synthesis, characterization and application for amelioration of colitis	Carbohydrate Polymers	9. 381	1		1		
93	Cobalt and nitrogen co-doped monolithic carbon foam for ultrafast degradation of emerging organic pollutants via peroxymonosulfate activation	Ecotoxicology and Environmental Safety	6. 291	1				
94	添加剂在药物结晶中的应用研究进展	山东化工						
95	不同加工方法对金银花茶质量的影响	食品研究与开发					1	
96	黄曲霉毒素检测方法研究进展	河南工业大学学报(自然科学版)					1	
97	离子色谱法测定饮用水水源水中 4 种阴离子的不确定度评定	化学分析计量						
98	基于 GC-IMS 比较不同干燥方式对太子参挥发性成分的影响	中国实验方剂学杂志					1	1
99	基于花粉微观特征的木瓜品种孢粉学研究及亲缘关系分析	山东中医药大学学报						
100	世界各国药典关于草药的质量控制: 对草药全球化的一些启示	亚太传统医药						
101	根际分泌物介导土壤微生物协同致害连作药用植物的分析与探讨	中国实验方剂学杂志					1	1
102	基于亲水色谱-电雾式检测器-电喷雾-飞行时间质谱 技术的西洋参不同部位单糖组成的对比分析	山东科学						
103	金银花中绿原酸提取分离纯化方法研究进展	中华中医药学刊					1	
104	连作丹参根际土壤化感物质鉴定及化感效应研究	中药材					1	
105	基于气相-离子迁移谱的不同干燥方式下金银花挥发性成分分析	中草药					1	1
106	无花果热风干燥过程中水分变化及其品质研究	食品研究与开发					1	
107	秸秆还田对盐碱地土壤及作物生长的影响研究进展	江苏农业科学					1	
108	条芩与枯芩的指纹图谱建立、抗炎活性及谱效关系研究	中国药房					1	
109	心可舒片的多成分含量测定及特征图谱分析	中国药品标准						
110	水合氯醛对小鼠催眠作用的探讨及其应用	齐齐哈尔医学院学报						
111	忍冬叶化学成分及其保肝活性研究 4	中草药					1	1
112	鲜天麻中酶对巴利森苷 A 的降解作用研究	中国现代中药						
113	西洋参农药残留研究进展	中国中药杂志					1	1
114	金银花农药残留研究进展	中国中药杂志					1	1
115	蒸制对中药化学成分的影响研究进展	中华中医药学刊					1	
116	垃圾渗滤液膜后浓缩液混凝预处理	山东科学						
117	水中全氟烷基醚类羧酸的超高效液相色谱-串联质谱检测方法研究	分析测试学报					1	1
118	土壤和食物中砷生物可给性与生物有效性研究进展	生态毒理学报					1	1
119	GC-IMS 结合化学计量学区分不同产地瓜蒌皮	中成药					1	1

120	冬季修剪调控新梢内植物激素影响金银花的生长与产量	中国中药杂志					1	1
121	Discrimination of thermal treated bovine milk using MALDI-TOF MS coupled with machine learning	Food Control	5.548	1				
122	Au NPs decorated holey g-C3N4 as a dual-mode sensing platform of SERS and SALDI-MS for selective discrimination of L-cysteine	Journal of Colloid and Interface Science	8.128	1		1		
123	A Matrix Sublimation Device with an Integrated Solvent Nebulizer for MALDI-MSI	Journal of The American Society for Mass Spectrometry	3.109	1				
124	三水合艾司奥美拉唑镁反应结晶过程晶型控制	山东科学						

标准

序号	标准名称	标准号	标准类别	批准日期	实施日期
1	柔性包装材料耐揉搓性能的测试方法	GB/T 41347-2022	国家标准	2022-3-9	2022-10-1
2	机械安全 双手操纵装置设计和选择原则	GB/T 19671-2022/ISO 13851:2019	国家标准	2022-11-8	2022-11-8
3	饮用水源水中 9 种非辛基全氟化合物的测定固相萃取-液相色谱串联质谱法	T/SDAIA001-2022	团体标准	2022-10-25	2023-1-1
4	水质 8 种青霉素类化合物的测定固相萃取-液相色谱串联质谱法	T/SDAIA002-2022	团体标准	2022-10-25	2023-1-1

著作

序号	著作名称	出版社	作者	ISBN 国际标准书号
1	土壤与肥料学	人民卫生出版社	刘伟（编者）	9787117330350
2	Algae-Based Biomaterials for Sustainable Development: Biomedical, Environmental Remediation and Sustainability Assessment —14—Microalgae-based biomaterials for environmental remediation and functional use	Elsevier Science	刘伟（编者）	9780323961424
3	中药生态农业	上海科学技术出版社	王晓（副主编第3位）	978-7-5478-5651-2/R·2476

奖励

序号	获奖项目名称	奖励名称	等级	颁奖单位
1	山地丘陵丹参生态栽培及质量评价技术提升与推广应用	2021年中国产学研合作创新与促进奖产学研合作创新成果奖	二等奖	中国产学研合作促进会
2	山东丹参栽培、产地加工关键技术及其质量评价	齐鲁农业科技奖	三等奖	山东农学会
3	农田土壤污染修复与管控关键技术及示范	山东省科技进步	二等奖	山东省人民政府
4	中医脑病泛髓一体化防治关键技术体系构建及应用	山东省科技进步	二等奖	山东省人民政府
5	特色药物晶型与晶体形态调控共性关键技术开发及产业化	潍坊市科学技术奖	二等奖	潍坊市科学技术奖奖励委员会
6	查尔斯·雷伊·麦凯	中国政府友谊奖		中华人民共和国外国专家局
7	铁路钢桁梁桥结构服役状况安全评估关键技术研发与应用	山东省机械工业科学技术奖	一等奖	山东省机械工业科学技术协会
8	艾司奥美拉唑镁系列药物结晶关键技术开发及产业化示范	山东省博士后创新创业大赛	优秀奖	山东省人力资源和社会保障厅
9	艾司奥美拉唑镁系列药物结晶关键技术开发及产业化示范	第一届潍坊市博士后创新创业大赛	二等奖	潍坊市人力资源和社会保障局
10	超组装策略合成的 Au@MSN@Ag 三明治核壳介孔纳米材料及其辅助的 LDI-MS 对中药小分子高灵敏、高通量检测研究	菏泽市自然科学优秀学术成果奖	一等奖	菏泽市自然科学优秀学术成果评审委员会
11	“蒿青年”——做中华大地上青蒿素精神的践行者	2022年第八届中国国际“互联网+”大学生创新创业大赛北京赛区复赛 优秀创新创业导师	优秀创新创业导师	北京市教育委员会
12	“蒿”青年——做中国大地上青蒿素精神的践行者	第八届中国国际“互联网+”大学生创新创业大赛北京赛区复赛“青年红色筑梦之旅”赛道	一等奖	北京市教育委员会
13	纳米结构电催化剂活性位调控及氧气电化学制备过氧化氢的应用	2022年度中国商业联合会科学技术奖科技进步奖	三等奖	中国商业联合会
14	土-水环境重金属污染控制与修复关键技术及其应用	2022年度山东环境科学学会环境保护科学技术奖	二等奖	山东环境科学学会