

Xiaoyan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

5,687
citations

109137

35
h-index

82410

72
g-index

110
all docs

110
docs citations

110
times ranked

7226
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluate the bisphenol A-induced redox state in cells, zebrafish and in vivo with a hydrogen peroxide turn-on fluorescent probe. <i>Journal of Hazardous Materials</i> , 2022, 424, 127425.	6.5	18
2	Magnetic covalent-organic frameworks for the simultaneous extraction of eleven emerging aromatic disinfection byproducts in water samples coupled with UHPLC-MS/MS determination. <i>Journal of Hazardous Materials</i> , 2022, 424, 127687.	6.5	36
3	An aggregation-induced emission fluorescence probe for evaluating the effect of CYP450 changes under tumor chemotherapy. <i>Talanta</i> , 2022, 239, 123111.	2.9	4
4	Surface-enhanced Raman scattering labeled nanoplastic models for reliable bio-nano interaction investigations. <i>Journal of Hazardous Materials</i> , 2022, 425, 127959.	6.5	29
5	Electrochemiluminescence Resonance Energy Transfer System Based on Silver Metal-Organic Frameworks as a Double-Amplified Emitter for Sensitive Detection of miRNA-107. <i>Analytical Chemistry</i> , 2022, 94, 1178-1186.	3.2	32
6	Dual-Emissive Near-Infrared Carbon Dot-Based Ratiometric Fluorescence Sensor for Lysozyme. <i>ACS Applied Nano Materials</i> , 2022, 5, 1656-1663.	2.4	29
7	Bibliometric analysis of microbial sulfonamide degradation: Development, hotspots and trend directions. <i>Chemosphere</i> , 2022, 293, 133598.	4.2	13
8	Determination of anionic perfluorinated compounds in water samples using cationic fluorinated metal organic framework membrane coupled with UHPLC-MS/MS. <i>Journal of Hazardous Materials</i> , 2022, 429, 128333.	6.5	23
9	Polystyrene nanoplastics demonstrate high structural stability in vivo: A comparative study with silica nanoparticles via SERS tag labeling. <i>Chemosphere</i> , 2022, 300, 134567.	4.2	13
10	Fluorescent probes for biomolecule detection under environmental stress. <i>Journal of Hazardous Materials</i> , 2022, 431, 128527.	6.5	40
11	Crystalline Covalent Triazine Frameworks with Fibrous Morphology via a Low-Temperature Polycondensation of Planar Monomer. <i>Small</i> , 2022, 18, e2200984.	5.2	9
12	Facile synthesis of dual-ligand terbium-organic gels as ratiometric fluorescence probes for efficient mercury detection. <i>Journal of Hazardous Materials</i> , 2022, 436, 129080.	6.5	12
13	Age-related compositional changes and correlations of gut microbiome, serum metabolome, and immune factor in rats. <i>GeroScience</i> , 2021, 43, 709-725.	2.1	37
14	Label-free SERS detection of Raman-Inactive protein biomarkers by Raman reporter indicator: Toward ultrasensitivity and universality. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112825.	5.3	181
15	Age-related functional changes of intestinal flora in rats. <i>FEMS Microbiology Letters</i> , 2021, 368, .	0.7	9
16	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. <i>ACS Nano</i> , 2021, 15, 11112-11125.	7.3	16
17	Biotransformation mechanism of <i>Vibrio diabolus</i> to sulfamethoxazole at transcriptional level. <i>Journal of Hazardous Materials</i> , 2021, 411, 125023.	6.5	14
18	Molecular Imprinting: Green Perspectives and Strategies. <i>Advanced Materials</i> , 2021, 33, e2100543.	11.1	359

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19	Near-Infrared Fluorescent Probe for Imaging and Evaluating the Role of Vanin-1 in Chemotherapy. <i>Analytical Chemistry</i> , 2021, 93, 10378-10387.	3.2	8
20	On-Off-On Fluorescent Chemosensors Based on N/P-Codoped Carbon Dots for Detection of Microcystin-LR. <i>ACS Applied Nano Materials</i> , 2021, 4, 6852-6860.	2.4	37
21	Visualizing and evaluating mitochondrial cysteine via near-infrared fluorescence imaging in cells, tissues and in vivo under hypoxia/reperfusion stress. <i>Journal of Hazardous Materials</i> , 2021, 419, 126476.	6.5	20
22	Design, synthesis, biological evaluation and pharmacophore model analysis of novel tetrahydropyrrolo[3,4-c]pyrazol derivatives as potential TRKs inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113627.	2.6	16
23	Hierarchical CoP Nanostructures on Nickel Foam as Efficient Bifunctional Catalysts for Water Splitting. <i>ChemSusChem</i> , 2021, 14, 1094-1102.	3.6	20
24	Zinc-Metal Organic Frameworks: A Coreactant-free Electrochemiluminescence Luminophore for Ratiometric Detection of miRNA-133a. <i>Analytical Chemistry</i> , 2021, 93, 14178-14186.	3.2	39
25	New AIE-Active Copolymers with Au(I) Isocyanide Acrylate Units. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1490-1496.	1.9	4
26	SNHG14 stimulates cell autophagy to facilitate cisplatin resistance of colorectal cancer by regulating miR-186/ATG14 axis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109580.	2.5	44
27	Fluorescent nanosensor designing via hybrid of carbon dots and post-imprinted polymers for the detection of ovalbumin. <i>Talanta</i> , 2020, 211, 120727.	2.9	53
28	Electronic Properties of Oxidized Cyclometalated Iridium Complexes: Spin Delocalization Controlled by the Mutual Position of the Iridium Centers. <i>Chemistry - A European Journal</i> , 2020, 26, 4567-4575.	1.7	6
29	Prognostic Values of TIGAR Expression and ¹⁸ F-FDG PET/CT in Clear Cell Renal Cell Carcinoma. <i>Journal of Cancer</i> , 2020, 11, 1-8.	1.2	10
30	Cationic metal-organic frameworks as an efficient adsorbent for the removal of 2,4-dichlorophenoxyacetic acid from aqueous solutions. <i>Environmental Research</i> , 2020, 186, 109542.	3.7	86
31	lncRNA FLVCR1-AS1 drives colorectal cancer progression via modulation of the miR-381/RAP2A axis. <i>Molecular Medicine Reports</i> , 2020, 23, .	1.1	11
32	Delayed ¹⁸ F FDG PET/CT Imaging in the Assessment of Residual Tumors after Transurethral Resection of Bladder Cancer. <i>Radiology</i> , 2019, 293, 144-150.	3.6	15
33	Codoping Enhanced Radioluminescence of Nanoscintillators for X-ray-Activated Synergistic Cancer Therapy and Prognosis Using Metabolomics. <i>ACS Nano</i> , 2019, 13, 10419-10433.	7.3	62
34	The strategy of antibody-free biomarker analysis by in-situ synthesized molecularly imprinted polymers on movable valve paper-based device. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111533.	5.3	120
35	Toxicometabolomics of Engineered Nanomaterials: Progress and Challenges. <i>Advanced Functional Materials</i> , 2019, 29, 1904268.	7.8	20
36	Chitosan-Gelatin Scaffolds Incorporating Decellularized Platelet-Rich Fibrin Promote Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5305-5315.	2.6	14

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37	Amelioration of dry eye syndrome in db/db mice with diabetes mellitus by treatment with Tibetan Medicine Formula Jikan Mingmu Drops. <i>Journal of Ethnopharmacology</i> , 2019, 241, 111992.	2.0	20
38	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. <i>ACS Nano</i> , 2019, 13, 3618-3628.	7.3	157
39	Indirect Electrochemical Determination of Ribavirin Using Boronic Acid-Diol Recognition on a 3-Aminophenylboronic Acid-Electrochemically Reduced Graphene Oxide Modified Glassy Carbon Electrode (APBA/ERGO/GCE). <i>Analytical Letters</i> , 2019, 52, 1900-1913.	1.0	6
40	One-pot syntheses of irida-polycyclic aromatic hydrocarbons. <i>Chemical Science</i> , 2019, 10, 10894-10899.	3.7	20
41	Evaluation of metabolite-microbe correlation detection methods. <i>Analytical Biochemistry</i> , 2019, 567, 106-111.	1.1	27
42	Mineralized nanofiber segments coupled with calcium-binding BMP-2 peptides for alveolar bone regeneration. <i>Acta Biomaterialia</i> , 2019, 85, 282-293.	4.1	108
43	Dummy molecularly imprinted polymers based on a green synthesis strategy for magnetic solid-phase extraction of acrylamide in food samples. <i>Talanta</i> , 2019, 195, 390-400.	2.9	302
44	Strategies of molecular imprinting-based fluorescence sensors for chemical and biological analysis. <i>Biosensors and Bioelectronics</i> , 2018, 112, 54-71.	5.3	288
45	Magnetic solid-phase extraction of heterocyclic pesticides in environmental water samples using metal-organic frameworks coupled to high performance liquid chromatography determination. <i>Journal of Chromatography A</i> , 2018, 1553, 57-66.	1.8	151
46	Molecular Imprinting Based Hybrid Ratiometric Fluorescence Sensor for the Visual Determination of Bovine Hemoglobin. <i>ACS Sensors</i> , 2018, 3, 378-385.	4.0	157
47	Strategy for an Association Study of the Intestinal Microbiome and Brain Metabolome Across the Lifespan of Rats. <i>Analytical Chemistry</i> , 2018, 90, 2475-2483.	3.2	32
48	Metabonomics Approach To Comparing the Antistress Effects of Four <i>Panax ginseng</i> Components in Rats. <i>Journal of Proteome Research</i> , 2018, 17, 813-821.	1.8	11
49	Multifunctional (Fe _{0.5} Ni _{0.5})S ₂ nanocrystal catalysts with high catalytic activities for reduction of I ₃ ⁻ and electrochemical water splitting. <i>Research on Chemical Intermediates</i> , 2018, 44, 4307-4322.	1.3	6
50	PFMG1 promotes osteoblast differentiation and prevents osteoporotic bone loss. <i>FASEB Journal</i> , 2018, 32, 838-849.	0.2	10
51	Switchable zipper-like thermoresponsive molecularly imprinted polymers for selective recognition and extraction of estradiol. <i>Talanta</i> , 2018, 176, 187-194.	2.9	39
52	Genome-wide profiling reveals cancer-related genes with switched alternative polyadenylation sites in colorectal cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 5349-5357.	1.0	13
53	Magnetic copper-based metal organic framework as an effective and recyclable adsorbent for removal of two fluoroquinolone antibiotics from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 360-371.	5.0	244
54	Metabolome and gut microbiota variation with long-term intake of <i>Panax ginseng</i> extracts on rats. <i>Food and Function</i> , 2018, 9, 3547-3556.	2.1	50

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55	Development of a Janus Kinase Inhibitor Prodrug for the Treatment of Rheumatoid Arthritis. <i>Molecular Pharmaceutics</i> , 2018, 15, 3456-3467.	2.3	20
56	Bone-targeting liposome formulation of Salvianic acid A accelerates the healing of delayed fracture Union in Mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2271-2282.	1.7	30
57	Plasmonic colorimetric sensors based on etching and growth of noble metal nanoparticles: Strategies and applications. <i>Biosensors and Bioelectronics</i> , 2018, 114, 52-65.	5.3	281
58	Rotational Paper-Based Microfluidic-Chip Device for Multiplexed and Simultaneous Fluorescence Detection of Phenolic Pollutants Based on a Molecular-Imprinting Technique. <i>Analytical Chemistry</i> , 2018, 90, 11827-11834.	3.2	140
59	Standardized Rat Model Testing Effects of Inflammation and Grafting on Extraction Healing. <i>Journal of Periodontology</i> , 2017, 88, 799-807.	1.7	15
60	One-pot synthesis of a quantum dot-based molecular imprinting nanosensor for highly selective and sensitive fluorescence detection of 4-nitrophenol in environmental waters. <i>Environmental Science: Nano</i> , 2017, 4, 493-502.	2.2	121
61	Metabonomics Approach to Assessing the Modulatory Effects of Kisspeptin-10 on Liver Injury Induced by Heat Stress in Rats. <i>Scientific Reports</i> , 2017, 7, 7020.	1.6	17
62	Galectin-3 contributes to vascular fibrosis in monocrotaline-induced pulmonary arterial hypertension rat model. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, N/A.	1.4	20
63	The effects of kisspeptin-10 on serum metabolism and myocardium in rats. <i>PLoS ONE</i> , 2017, 12, e0179164.	1.1	9
64	Echinacea purpurea Extract Affects the Immune System, Global Metabolome, and Gut Microbiome in Wistar Rats. <i>Journal of Agricultural Science</i> , 2017, 9, 1.	0.1	1
65	Metabonomics Approach to Assessing the Metabolism Variation and Endoexogenous Metabolic Interaction of Ginsenosides in Cold Stress Rats. <i>Journal of Proteome Research</i> , 2016, 15, 1842-1852.	1.8	11
66	Metabolomics in Cancer Biomarker Research. <i>Current Pharmacology Reports</i> , 2016, 2, 293-298.	1.5	20
67	The Brain Metabolome of Male Rats across the Lifespan. <i>Scientific Reports</i> , 2016, 6, 24125.	1.6	51
68	MicroRNA-148b enhances proliferation and apoptosis in human renal cancer cells via directly targeting MAP3K9. <i>Molecular Medicine Reports</i> , 2016, 13, 83-90.	1.1	22
69	A molecular imprinting-based turn-on Ratiometric fluorescence sensor for highly selective and sensitive detection of 2,4-dichlorophenoxyacetic acid (2,4-D). <i>Biosensors and Bioelectronics</i> , 2016, 81, 438-444.	5.3	153
70	Molecular imprinting ratiometric fluorescence sensor for highly selective and sensitive detection of phycocyanin. <i>Biosensors and Bioelectronics</i> , 2016, 77, 624-630.	5.3	80
71	Urinary Metabolite Profiling Offers Potential for Differentiation of Liver-Kidney Yin Deficiency and Dampness-Heat Internal Smoldering Syndromes in Posthepatitis B Cirrhosis Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-11.	0.5	12
72	Urinary metabolomic strategy to evaluate Compound Danshen Dripping Pills for myocardial ischaemia in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 112, 98-105.	1.4	22

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73	Design, synthesis, and antifungal activities of novel triazole derivatives containing the benzyl group. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1459.	2.0	16
74	Heat-Stress-Induced Metabolic Changes and Altered Male Reproductive Function. <i>Journal of Proteome Research</i> , 2015, 14, 1495-1503.	1.8	24
75	Theoretical Prediction of a Phase Diagram for Solid Dispersions. <i>Pharmaceutical Research</i> , 2015, 32, 840-851.	1.7	26
76	Synthesis and antifungal activity of novel 7-O-substituted pyridyl-4-methyl coumarin derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 4654-4662.	1.1	10
77	Metabolic profiling reveals disorder of carbohydrate metabolism in mouse fibroblast cells induced by titanium dioxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2013, 33, 1442-1450.	1.4	44
78	Hydrological Response of Sloping Farmlands with Different Rock Fragment Covers in the Purple Soil Area of China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 446-456.	0.8	11
79	Metabonomic Strategy to the Evaluation of Chinese Medicine Compound Danshen Dripping Pills Interfering Myocardial Ischemia in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	19
80	GC/TOFMS Analysis of Endogenous Metabolites in Mouse Fibroblast Cells and Its Application in TiO ₂ Nanoparticle-Induced Cytotoxicity Study. <i>Chromatographia</i> , 2012, 75, 1301-1310.	0.7	16
81	Metabonomics Approach to Assessing the Modulatory Effects of St John's Wort, Ginsenosides, and Clomipramine in Experimental Depression. <i>Journal of Proteome Research</i> , 2012, 11, 6223-6230.	1.8	39
82	Metabonomic Variations Associated with AOM-Induced Precancerous Colorectal Lesions and Resveratrol Treatment. <i>Journal of Proteome Research</i> , 2012, 11, 3436-3448.	1.8	29
83	Urinary Metabolite Variation Is Associated with Pathological Progression of the Post-Hepatitis B Cirrhosis Patients. <i>Journal of Proteome Research</i> , 2012, 11, 3838-3847.	1.8	28
84	Human gouty arthritis is associated with a distinct serum trace elemental profile. <i>Metallomics</i> , 2012, 4, 244.	1.0	10
85	THz spectra of parabens at low temperature. <i>Science China Information Sciences</i> , 2012, 55, 114-119.	2.7	4
86	Dynamic Metabolic Transformation in Tumor Invasion and Metastasis in Mice with LM-8 Osteosarcoma Cell Transplantation. <i>Journal of Proteome Research</i> , 2011, 10, 3513-3521.	1.8	33
87	Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004945.	2.5	267
88	Metabolic profiling reveals the protective effect of diammonium glycyrrhizinate on acute hepatic injury induced by carbon tetrachloride. <i>Metabolomics</i> , 2011, 7, 226-236.	1.4	13
89	Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma*. <i>Molecular and Cellular Proteomics</i> , 2011, 10, A110.004945.	2.5	11
90	Synthesis and evaluation of the α -glucosidase inhibitory activity of 3-[4-(phenylsulfonamido)benzoyl]-2H-1-benzopyran-2-one derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1250-1255.	2.6	33

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91	Comprehensive comparison of classifiers for metabolic profiling analysis. , 2010, , .		0
92	Feasibility analysis of testing the velocity of moving objects with modulated laser. , 2010, , .		0
93	Feasibility analysis of using modulated laser to test the velocity of moving objects. , 2010, , .		0
94	Metabonomics Approach to Understanding Acute and Chronic Stress in Rat Models. Journal of Proteome Research, 2009, 8, 2511-2518.	1.8	66
95	Nephro-protective effect of Kangqianling decoction on chronic renal failure rats. Journal of Ethnopharmacology, 2009, 122, 367-373.	2.0	22
96	Metabonomic Variations in the Drug-Treated Type 2 Diabetes Mellitus Patients and Healthy Volunteers. Journal of Proteome Research, 2009, 8, 1623-1630.	1.8	123
97	The antidiabetic activity of total lignan from <i>Fructus Arctii</i> against alloxan-induced diabetes in mice and rats. Phytotherapy Research, 2008, 22, 97-101.	2.8	47
98	Multiparametric analysis of amino acids and organic acids in rat brain tissues using GC/MS. Journal of Separation Science, 2008, 31, 2831-2838.	1.3	21
99	Metabolic profiling reveals disorder of amino acid metabolism in four brain regions from a rat model of chronic unpredictable mild stress. FEBS Letters, 2008, 582, 2627-2636.	1.3	164
100	Metabonomic and Metallomic Profiling in the Amniotic Fluid of Malnourished Pregnant Rats. Journal of Proteome Research, 2008, 7, 2151-2157.	1.8	28
101	Transcriptomic and Metabonomic Profiling of Obesity-Prone and Obesity-Resistant Rats under High Fat Diet. Journal of Proteome Research, 2008, 7, 4775-4783.	1.8	81
102	Using Chinese natural products for diabetes mellitus drug discovery and development. Expert Opinion on Drug Discovery, 2007, 2, 977-986.	2.5	9
103	Metabolic Regulatory Network Alterations in Response to Acute Cold Stress and Ginsenoside Intervention. Journal of Proteome Research, 2007, 6, 3449-3455.	1.8	62
104	Simultaneous determination of 17 ginsenosides in rat urine by ultra performance liquid chromatography-mass spectrometry with solid-phase extraction. Analytica Chimica Acta, 2007, 594, 265-273.	2.6	37
105	Protective effect of flavonoids from <i>Scutellaria baicalensis</i> Georgi on cerebral ischemia injury. Journal of Ethnopharmacology, 2006, 108, 355-360.	2.0	77
106	Anti-influenza agents from plants and traditional Chinese medicine. Phytotherapy Research, 2006, 20, 335-341.	2.8	188