

Xiao-Yu Xie

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,417
citations

361045

20
h-index

329751

37
g-index

44
all docs

44
docs citations

44
times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies to fabricate metal-organic framework (MOF)-based luminescent sensing platforms. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10743-10763.	2.7	273
2	Preparation of magnetic molecularly imprinted polymer for selective recognition of resveratrol in wine. <i>Journal of Chromatography A</i> , 2013, 1300, 112-118.	1.8	142
3	Emerging bioanalytical applications of DNA walkers. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 107, 212-221.	5.8	101
4	Synthesis of magnetic molecularly imprinted polymers by reversible addition fragmentation chain transfer strategy and its application in the Sudan dyes residue analysis. <i>Journal of Chromatography A</i> , 2015, 1405, 32-39.	1.8	76
5	Facile preparation of photonic and magnetic dual responsive protein imprinted nanomaterial for specific recognition of bovine hemoglobin. <i>Chemical Engineering Journal</i> , 2019, 371, 130-137.	6.6	75
6	Development and characterization of magnetic molecularly imprinted polymers for the selective enrichment of endocrine disrupting chemicals in water and milk samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1735-1744.	1.9	52
7	Regulating Fluorescent Aptamer-Sensing Behavior of Zeolitic Imidazolate Framework (ZIF-8) Platform via Lanthanide Ion Doping. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31755-31762.	4.0	47
8	Magnetic carbon nanotubes camouflaged with cell membrane as a drug discovery platform for selective extraction of bioactive compounds from natural products. <i>Chemical Engineering Journal</i> , 2019, 364, 269-279.	6.6	41
9	Recent advances in screening active components from natural products based on bioaffinity techniques. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1800-1813.	5.7	40
10	Magnetic molecularly imprinted polymer for the selective extraction of sildenafil, vardenafil and their analogs from herbal medicines. <i>Talanta</i> , 2013, 115, 482-489.	2.9	38
11	Cell membrane camouflaged magnetic nanoparticles as a biomimetic drug discovery platform. <i>Chemical Communications</i> , 2018, 54, 13427-13430.	2.2	35
12	Overview of online two-dimensional liquid chromatography based on cell membrane chromatography for screening target components from traditional Chinese medicines. <i>Journal of Separation Science</i> , 2017, 40, 299-313.	1.3	33
13	Stability Designs of Cell Membrane Cloaked Magnetic Carbon Nanotubes for Improved Life Span in Screening Drug Leads. <i>Analytical Chemistry</i> , 2019, 91, 13062-13070.	3.2	32
14	Preparation of molecularly imprinted polymers based on magnetic nanoparticles for the selective extraction of protocatechuic acid from plant extracts. <i>Journal of Separation Science</i> , 2015, 38, 1046-1052.	1.3	31
15	Emerging techniques for ultrasensitive protein analysis. <i>Analyst</i> , 2016, 141, 3473-3481.	1.7	29
16	Magnetic molecularly imprinted polymer for the detection of rhaponticin in Chinese patent medicines. <i>Journal of Chromatography A</i> , 2012, 1252, 8-14.	1.8	26
17	Surface-imprinted magnetic particles for highly selective sulfonamides recognition prepared by reversible addition fragmentation chain transfer polymerization. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 963-970.	1.9	26
18	Microwave-assisted RAFT polymerization of well-constructed magnetic surface molecularly imprinted polymers for specific recognition of benzimidazole residues. <i>Applied Surface Science</i> , 2018, 435, 247-255.	3.1	26

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19	Inside-Out-Oriented Cell Membrane Biomimetic Magnetic Nanoparticles for High-Performance Drug Lead Discovery. <i>Analytical Chemistry</i> , 2021, 93, 7898-7907.	3.2	25
20	Fast and high-efficiency magnetic surface imprinting based on microwave-accelerated reversible addition fragmentation chain transfer polymerization for the selective extraction of estrogen residues in milk. <i>Journal of Chromatography A</i> , 2018, 1562, 19-26.	1.8	24
21	A novel cell membrane-cloaked magnetic nanogripper with enhanced stability for drug discovery. <i>Biomaterials Science</i> , 2020, 8, 673-681.	2.6	24
22	Chemical constituents from the fruits of <i>Cornus officinalis</i> . <i>Biochemical Systematics and Ecology</i> , 2012, 45, 120-123.	0.6	22
23	Surface functionalized biomimetic bioreactors enable the targeted starvation-chemotherapy to glioma. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 307-319.	5.0	21
24	Recent advances in cell membrane-coated technology for drug discovery from natural products. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 151, 116601.	5.8	21
25	Multiple adsorption properties of aptamers on metal-organic frameworks for nucleic acid assay. <i>Biosensors and Bioelectronics</i> , 2021, 176, 112896.	5.3	18
26	Sesquiterpenoids from the Rhizomes of <i>Homalomena occulta</i> . <i>Planta Medica</i> , 2012, 78, 1010-1014.	0.7	16
27	Engineering biomimetic graphene nanodecoys camouflaged with the EGFR/HEK293 cell membrane for targeted capture of drug leads. <i>Biomaterials Science</i> , 2020, 8, 5690-5697.	2.6	15
28	Characterization the affinity of α -1A adrenoreceptor by cell membrane chromatography with frontal analysis and stoichiometric displacement model. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 273-281.	1.2	14
29	Accurate construction of cell membrane biomimetic graphene nanodecoys via purposeful surface engineering to improve screening efficiency of active components of traditional Chinese medicine. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 394-405.	5.7	14
30	Flavonoids from the Flowers of <i>Matricaria chamomilla</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 910-911.	0.2	10
31	Molecularly imprinting: a tool of modern chemistry for analysis and monitoring of phenolic environmental estrogens. <i>Reviews in Analytical Chemistry</i> , 2016, 35, 87-97.	1.5	9
32	A novel cell membrane affinity sample pretreatment technique for recognition and preconcentration of active components from traditional Chinese medicine. <i>Scientific Reports</i> , 2017, 7, 3569.	1.6	9
33	Improved cell membrane bioaffinity sample pretreatment technique with enhanced stability for screening of potential allergenic components from traditional Chinese medicine injections. <i>Journal of Materials Chemistry B</i> , 2018, 6, 624-633.	2.9	9
34	Precise assembly of inside-out cell membrane camouflaged nanoparticles via bioorthogonal reactions for improving drug leads capturing. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 852-862.	5.7	9
35	Rational construction of fluorescent molecular imprinted polymers for highly efficient glycoprotein detection. <i>Analytica Chimica Acta</i> , 2022, 1209, 339875.	2.6	7
36	Simultaneous Determination of Eight Flavonoids in the Flowers of <i>Matricaria chamomilla</i> by High Performance Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 778-783.	0.7	6

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37	Optimisation of green ultrasonic cell grinder extraction of iridoid glycosides from <i>Cornifolium fructus</i> by response surface methodology. <i>International Journal of Food Science and Technology</i> , 2014, 49, 616-625.	1.3	6
38	Improved detection and recognition of glycoproteins using fluorescent polymers with a molecular imprint based on glycopeptides. <i>Mikrochimica Acta</i> , 2021, 188, 439.	2.5	6
39	Development of a novel analytical method for inflammation and immunity-related metabolites in serum based on liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2021, 234, 122631.	2.9	5
40	Simultaneous determination of camptothecin and 10 α -hydroxycamptothecin in the <i>Campotheca acuminata</i> , its medicinal preparation and in rat plasma by liquid chromatography with fluorescence detection. <i>Biomedical Chromatography</i> , 2015, 29, 1522-1526.	0.8	2
41	Biointerface engineering of self-protective bionic nanomissiles for targeted synergistic chemotherapy. <i>Chinese Chemical Letters</i> , 2023, 34, 107680.	4.8	2
42	Two new dinor-eudesmane sesquiterpenoids from the roots of <i>Chloranthus multistachys</i> . <i>Journal of Asian Natural Products Research</i> , 2021, , 1-7.	0.7	0