Xiao-Yu Xie

List of Publications by Year in descending order

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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	Precise assembly of inside-out cell membrane camouflaged nanoparticles via bioorthogonal reactions for improving drug leads capturing. Acta Pharmaceutica Sinica B, 2023, 13, 852-862.	5.7	9
2	Biointerface engineering of self-protective bionic nanomissiles for targeted synergistic chemotherapy. Chinese Chemical Letters, 2023, 34, 107680.	4.8	2
3	Accurate construction of cell membrane biomimetic graphene nanodecoys via purposeful surface engineering to improve screening efficiency of active components of traditional Chinese medicine. Acta Pharmaceutica Sinica B, 2022, 12, 394-405.	5.7	14
4	Surface functionalized biomimetic bioreactors enable the targeted starvation-chemotherapy to glioma. Journal of Colloid and Interface Science, 2022, 609, 307-319.	5.0	21
5	Recent advances in cell membrane-coated technology for drug discovery from natural products. TrAC - Trends in Analytical Chemistry, 2022, 151, 116601.	5.8	21
6	Rational construction of fluorescent molecular imprinted polymers for highly efficient glycoprotein detection. Analytica Chimica Acta, 2022, 1209, 339875.	2.6	7
7	Multiple adsorption properties of aptamers on metal-organic frameworks for nucleic acid assay. Biosensors and Bioelectronics, 2021, 176, 112896.	5.3	18
8	Inside-Out-Oriented Cell Membrane Biomimetic Magnetic Nanoparticles for High-Performance Drug Lead Discovery. Analytical Chemistry, 2021, 93, 7898-7907.	3.2	25
9	Development of a novel analytical method for inflammation and immunity-related metabolites in serum based on liquid chromatography tandem mass spectrometry. Talanta, 2021, 234, 122631.	2.9	5
10	Two new dinor-eudesmane sesquiterpenoids from the roots of Chloranthus multistachys. Journal of Asian Natural Products Research, 2021, , 1-7.	0.7	0
11	Improved detection and recognition of glycoproteins using fluorescent polymers with a molecular imprint based on glycopeptides. Mikrochimica Acta, 2021, 188, 439.	2.5	6
12	A novel cell membrane-cloaked magnetic nanogripper with enhanced stability for drug discovery. Biomaterials Science, 2020, 8, 673-681.	2.6	24
13	Engineering biomimetic graphene nanodecoys camouflaged with the EGFR/HEK293 cell membrane for targeted capture of drug leads. Biomaterials Science, 2020, 8, 5690-5697.	2.6	15
14	Recent advances in screening active components from natural products based on bioaffinity techniques. Acta Pharmaceutica Sinica B, 2020, 10, 1800-1813.	5.7	40
15	Strategies to fabricate metalâ€“organic framework (MOF)-based luminescent sensing platforms. Journal of Materials Chemistry C, 2019, 7, 10743-10763.	2.7	273
16	Regulating Fluorescent Aptamer-Sensing Behavior of Zeolitic Imidazolate Framework (ZIF-8) Platform via Lanthanide Ion Doping. ACS Applied Materials & Interfaces, 2019, 11, 31755-31762.	4.0	47
17	Stability Designs of Cell Membrane Cloaked Magnetic Carbon Nanotubes for Improved Life Span in Screening Drug Leads. Analytical Chemistry, 2019, 91, 13062-13070.	3.2	32
18	Magnetic carbon nanotubes camouflaged with cell membrane as a drug discovery platform for selective extraction of bioactive compounds from natural products. Chemical Engineering Journal, 2019, 364, 269-279.	6.6	41

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19	Facile preparation of photonic and magnetic dual responsive protein imprinted nanomaterial for specific recognition of bovine hemoglobin. Chemical Engineering Journal, 2019, 371, 130-137.	6.6	75
20	Improved cell membrane bioaffinity sample pretreatment technique with enhanced stability for screening of potential allergenic components from traditional Chinese medicine injections. Journal of Materials Chemistry B, 2018, 6, 624-633.	2.9	9
21	Microwave-assisted RAFT polymerization of well-constructed magnetic surface molecularly imprinted polymers for specific recognition of benzimidazole residues. Applied Surface Science, 2018, 435, 247-255.	3.1	26
22	Cell membrane camouflaged magnetic nanoparticles as a biomimetic drug discovery platform. Chemical Communications, 2018, 54, 13427-13430.	2.2	35
23	Emerging bioanalytical applications of DNA walkers. TrAC - Trends in Analytical Chemistry, 2018, 107, 212-221.	5.8	101
24	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. Journal of Chromatography A, 2018, 1562, 19-26.	1.8	24
25	A novel cell membrane affinity sample pretreatment technique for recognition and preconcentration of active components from traditional Chinese medicine. Scientific Reports, 2017, 7, 3569.	1.6	9
26	Characterization the affinity of Î± 1A adrenoreceptor by cell membrane chromatography with frontal analysis and stoichiometric displacement model. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1040, 273-281.	1.2	14
27	Overview of online twoâ€dimensional liquid chromatography based on cell membrane chromatography for screening target components from traditional Chinese medicines. Journal of Separation Science, 2017, 40, 299-313.	1.3	33
28	Molecularly imprinting: a tool of modern chemistry for analysis and monitoring of phenolic environmental estrogens. Reviews in Analytical Chemistry, 2016, 35, 87-97.	1.5	9
29	Surface-imprinted magnetic particles for highly selective sulfonamides recognition prepared by reversible addition fragmentation chain transfer polymerization. Analytical and Bioanalytical Chemistry, 2016, 408, 963-970.	1.9	26
30	Emerging techniques for ultrasensitive protein analysis. Analyst, The, 2016, 141, 3473-3481.	1.7	29
31	Simultaneous determination of camptothecin and 10â€hydroxycamptothecine in the Camptotheca acuminate, its medicinal preparation and in rat plasma by liquid chromatography with fluorescence detection. Biomedical Chromatography, 2015, 29, 1522-1526.	0.8	2
32	Preparation of molecularly imprinted polymers based on magnetic nanoparticles for the selective extraction of protocatechuic acid from plant extracts. Journal of Separation Science, 2015, 38, 1046-1052.	1.3	31
33	Development and characterization of magnetic molecularly imprinted polymers for the selective enrichment of endocrine disrupting chemicals in water and milk samples. Analytical and Bioanalytical Chemistry, 2015, 407, 1735-1744.	1.9	52
34	Synthesis of magnetic molecularly imprinted polymers by reversible addition fragmentation chain transfer strategy and its application in the Sudan dyes residue analysis. Journal of Chromatography A, 2015, 1405, 32-39.	1.8	76
35	Simultaneous Determination of Eight Flavonoids in the Flowers of Matricaria chamomilla by High Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2014, 97, 778-783.	0.7	6
36	Flavonoids from the Flowers of Matricaria chamomilla. Chemistry of Natural Compounds, 2014, 50, 910-911.	0.2	10

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37	Optimisation of green ultrasonic cell grinder extraction of iridoid glycosides from <scp>C</scp>orni fructus by response surface methodology. International Journal of Food Science and Technology, 2014, 49, 616-625.	1.3	6
38	Preparation of magnetic molecularly imprinted polymer for selective recognition of resveratrol in wine. Journal of Chromatography A, 2013, 1300, 112-118.	1.8	142
39	Magnetic molecularly imprinted polymer for the selective extraction of sildenafil, vardenafil and their analogs from herbal medicines. Talanta, 2013, 115, 482-489.	2.9	38
40	Sesquiterpenoids from the Rhizomes of Homalomena occulta. Planta Medica, 2012, 78, 1010-1014.	0.7	16
41	Magnetic molecularly imprinted polymer for the detection of rhaponticin in Chinese patent medicines. Journal of Chromatography A, 2012, 1252, 8-14.	1.8	26
42	Chemical constituents from the fruits of Cornus officinalis. Biochemical Systematics and Ecology, 2012, 45, 120-123.	0.6	22