

Zhimin Luo

List of Publications by Year in descending order

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34
papers

589
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567281

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34
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel surface molecularly imprinted polymer as the solid-phase extraction adsorbent for the selective determination of ampicillin sodium in milk and blood samples. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 157-164.	5.3	57
2	Development of molecular imprinted column-on line-two dimensional liquid chromatography for selective determination of clenbuterol residues in biological samples. <i>Food Chemistry</i> , 2017, 217, 628-636.	8.2	48
3	Development of molecularly imprinted column-on line-two dimensional liquid chromatography for rapidly and selectively monitoring estradiol in cosmetics. <i>Talanta</i> , 2016, 161, 830-837.	5.5	37
4	Selective analysis of aristolochic acid I in herbal medicines by dummy molecularly imprinted solid-phase extraction and HPLC. <i>Journal of Separation Science</i> , 2017, 40, 2791-2799.	2.5	37
5	Evaluation of the chemical composition, antioxidant and anti-inflammatory activities of distillate and residue fractions of sweet basil essential oil. <i>Journal of Food Science and Technology</i> , 2017, 54, 1882-1890.	2.8	30
6	Fabrication of a novel magnetic mesoporous molecularly imprinted polymer based on pericarpium granati-derived carrier for selective absorption of bromelain. <i>Food Chemistry</i> , 2018, 256, 91-97.	8.2	30
7	Preparation of surface molecularly imprinted polymers as the solid-phase extraction sorbents for the specific recognition of penicilloic acid in penicillin. <i>Analytical Methods</i> , 2014, 6, 7865-7874.	2.7	27
8	Preparation and characterization of surface molecularly imprinted films coated on multiwall carbon nanotubes for recognition and separation of lysozyme with high binding capacity and selectivity. <i>RSC Advances</i> , 2017, 7, 18765-18774.	3.6	27
9	Facile covalent preparation of carbon nanotubes / amine-functionalized Fe ₃ O ₄ nanocomposites for selective extraction of estradiol in pharmaceutical industry wastewater. <i>Journal of Chromatography A</i> , 2021, 1638, 461889.	3.7	25
10	Molecularly imprinted polymer solid-phase microextraction coupled with ultra high performance liquid chromatography and tandem mass spectrometry for rapid analysis of pyrrolizidine alkaloids in herbal medicine. <i>Journal of Separation Science</i> , 2019, 42, 3352-3362.	2.5	24
11	Facile one-step targeted immobilization of an enzyme based on silane emulsion self-assembled molecularly imprinted polymers for visual sensors. <i>Analyst</i> , The, 2020, 145, 268-276.	3.5	20
12	Reconstructing the tumor architecture into organoids. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113839.	13.7	20
13	Molecularly imprinted polymer cartridges coupled to liquid chromatography for simple and selective analysis of penicilloic acid and penicillic acid in milk by matrix solid-phase dispersion. <i>Food and Chemical Toxicology</i> , 2015, 83, 164-173.	3.6	19
14	Enrichment of total steroidal saponins from the extracts of <i>Trillium tschonoskii</i> Maxim by macroporous resin and the simultaneous determination of eight steroidal saponins in the final product by HPLC. <i>Journal of Separation Science</i> , 2017, 40, 1115-1124.	2.5	16
15	Preparation of biocompatible molecularly imprinted film on biowaste-derived magnetic pomegranate rind carbon for protein recognition in biological sample. <i>Materials Science and Engineering C</i> , 2020, 115, 111063.	7.3	16
16	Facile preparation of polydopamine-coated imprinted polymers on the surface of SiO ₂ for estrone capture in milk samples. <i>Journal of Separation Science</i> , 2018, 41, 2585-2594.	2.5	14
17	Preparation and application of molecularly imprinted polymers for the selective extraction of naringin and genistein from herbal medicines. <i>Analytical Methods</i> , 2019, 11, 4890-4898.	2.7	14
18	Adenine-coated magnetic multiwalled carbon nanotubes for the selective extraction of aristolochic acids based on multiple interactions. <i>Journal of Chromatography A</i> , 2020, 1627, 461382.	3.7	13

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19	Methacrylic functionalized hybrid carbon nanomaterial for the selective adsorption and detection of progesterone in wastewater. <i>Environmental Science and Pollution Research</i> , 2021, 28, 62306-62320.	5.3	13
20	On-Line two dimensional liquid chromatography based on skeleton type molecularly imprinted column for selective determination of sulfonylurea additive in Chinese patent medicines or functional foods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 292-301.	2.8	12
21	A porous hybrid imprinted membrane for selectively anchoring target proteins from a complex matrix. <i>RSC Advances</i> , 2015, 5, 72610-72620.	3.6	11
22	Preparation and evaluation of a molecularly imprinted sol-gel material as the solid-phase extraction adsorbents for the specific recognition of cloxacilic acid in cloxacillin. <i>Journal of Separation Science</i> , 2016, 39, 483-489.	2.5	11
23	Molecularly Imprinted Solid Phase Extraction using Bismethacryloyl- β -cyclodextrin and Methacrylic Acid as Double Functional Monomers for Selective Analysis of Glycyrrhizic Acid in Aqueous Media. <i>Journal of Chromatographic Science</i> , 2017, 55, 166-173.	1.4	11
24	Development of UPLC-Q-TOF-MS Coupled with Cation-exchange Solid-phase Extraction Method for the Determination of Ten Pyrrolizidine Alkaloids in Herbal Medicines. <i>Analytical Sciences</i> , 2019, 35, 1317-1325.	1.6	11
25	Development of Surface Molecularly Imprinted Polymers as Dispersive Solid Phase Extraction Coupled with HPLC Method for the Removal and Detection of Griseofulvin in Surface Water. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 134.	2.6	9
26	Study of the allergenic benzylpenicilloyl-HSA and its specific separation from human plasma by a pre-designed hybrid imprinted membrane. <i>RSC Advances</i> , 2016, 6, 15549-15557.	3.6	6
27	Fluorescent biosensor based on magnetic cross-linking enzyme aggregates/CdTe quantum dots for the detection of H ₂ O ₂ -bioprecursors. <i>New Journal of Chemistry</i> , 2020, 44, 17984-17992.	2.8	6
28	Metal-organic framework grafted with melamine for the selective recognition and miniaturized solid phase extraction of aristolochic acid from traditional Chinese medicine. <i>Journal of Chromatography A</i> , 2021, 1647, 462155.	3.7	6
29	Pharmacokinetic and Metabolic Characteristics of Herb-Derived Khellactone Derivatives, A Class of Anti-HIV and Anti-Hypertensive: A Review. <i>Molecules</i> , 2016, 21, 314.	3.8	5
30	Aqueous-Based Silica Nanoparticles as Carriers for Catalytically Active Biomacromolecules. <i>ACS Applied Nano Materials</i> , 2021, 4, 9060-9067.	5.0	4
31	Selective Preconcentration of Mezlocillin from Eggs by Molecularly Imprinted Polymers on Silica. <i>Analytical Letters</i> , 2017, 50, 1276-1291.	1.8	3
32	Preparation of molecularly imprinted foam for selective extraction of toxic monocrotaline from herbs. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1200, 123273.	2.3	3
33	Development of Poly(L-arginine)/PSSA/QDs Modified Biosensor for Simultaneous Detection of Different Glucocorticoids in Wastewater. <i>Journal of the Electrochemical Society</i> , 2022, 169, 077516.	2.9	3
34	Enzyme Encapsulation by Facile Self-Assembly Silica-Modified Magnetic Nanoparticles for Glucose Monitoring in Urine. <i>Pharmaceutics</i> , 2022, 14, 1154.	4.5	1