

Zhimin Luo

List of Publications by Year in descending order

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34
papers

589
citations

567281

15
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642732

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34
all docs

34
docs citations

34
times ranked

667
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | Enzyme Encapsulation by Facile Self-Assembly Silica-Modified Magnetic Nanoparticles for Glucose Monitoring in Urine. <i>Pharmaceutics</i> , 2022, 14, 1154. | 4.5 | 1 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Reconstructing the tumor architecture into organoids. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113839. | 13.7 | 20 |
| 8 | Aqueous-Based Silica Nanoparticles as Carriers for Catalytically Active Biomacromolecules. <i>ACS Applied Nano Materials</i> , 2021, 4, 9060-9067. | 5.0 | 4 |
| 9 | Facile one-step targeted immobilization of an enzyme based on silane emulsion self-assembled molecularly imprinted polymers for visual sensors. <i>Analyst</i> , 2020, 145, 268-276. | 3.5 | 20 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | On-Line two dimensional liquid chromatography based on skeleton type molecularly imprinted column for selective determination of sulfonyleurea additive in Chinese patent medicines or functional foods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 292-301. | 2.8 | 12 |
| 24 | Selective Preconcentration of Mezlocillin from Eggs by Molecularly Imprinted Polymers on Silica. <i>Analytical Letters</i> , 2017, 50, 1276-1291. | 1.8 | 3 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Preparation and evaluation of a molecularly imprinted sol-gel material as the solid-phase extraction adsorbents for the specific recognition of cloxacilloic acid in cloxacillin. <i>Journal of Separation Science</i> , 2016, 39, 483-489. | 2.5 | 11 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Molecularly imprinted polymer cartridges coupled to liquid chromatography for simple and selective analysis of penicilloic acid and penilloic acid in milk by matrix solid-phase dispersion. <i>Food and Chemical Toxicology</i> , 2015, 83, 164-173. | 3.6 | 19 |
| 33 | 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 |
| 34 | 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 |