Shian Zhong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2743995/publications.pdf

Version: 2024-02-01

55	1,114	394286	477173
papers	citations	19 h-index	29 g-index

55	55	55	1279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel molecularly imprinted material based on magnetic halloysite nanotubes for rapid enrichment of 2,4-dichlorophenoxyacetic acid in water. Journal of Hazardous Materials, 2014, 276, 58-65.	6.5	94
2	Multifunctional halloysite nanotubes for targeted delivery and controlled release of doxorubicin in-vitro and in-vivo studies. Nanotechnology, 2017, 28, 375101.	1.3	52
3	Physicochemical characterization and antitumor activity in vitro of a selenium polysaccharide from Pleurotus ostreatus. International Journal of Biological Macromolecules, 2020, 165, 2934-2946.	3.6	46
4	A water-soluble selenium-enriched polysaccharide produced by Pleurotus ostreatus: Purification, characterization, antioxidant and antitumor activities in vitro. International Journal of Biological Macromolecules, 2021, 168, 356-370.	3.6	44
5	Functionalization of halloysite nanotubes by enlargement and hydrophobicity for sustained release of analgesic. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 487, 154-161.	2.3	40
6	Gold nanoparticle based fluorescent oligonucleotide probes for imaging and therapy in living systems. Analyst, The, 2019, 144, 1052-1072.	1.7	37
7	Efficient conversion of myricetin from Ampelopsis grossedentata extracts and its purification by MIP-SPE. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 945-946, 39-45.	1.2	34
8	Waterâ€compatible halloysiteâ€imprinted polymer by Pickering emulsion polymerization for the selective recognition of herbicides. Journal of Separation Science, 2015, 38, 1365-1371.	1.3	34
9	Cell-Surface-Anchored Ratiometric DNA Nanoswitch for Extracellular ATP Imaging. ACS Sensors, 2019, 4, 1648-1653.	4.0	33
10	Fabrication and evaluation of protein imprinted polymer based on magnetic halloysite nanotubes. RSC Advances, 2015, 5, 66147-66154.	1.7	31
11	Î²-Cyclodextrin coated and folic acid conjugated magnetic halloysite nanotubes for targeting and isolating of cancer cells. Colloids and Surfaces B: Biointerfaces, 2019, 181, 379-388.	2.5	31
12	The combination of adsorption by functionalized halloysite nanotubes and encapsulation by polyelectrolyte coatings for sustained drug delivery. RSC Advances, 2016, 6, 54463-54470.	1.7	30
13	Interconnectivity of macroporous molecularly imprinted polymers fabricated by hydroxyapatite-stabilized Pickering high internal phase emulsions-hydrogels for the selective recognition of protein. Colloids and Surfaces B: Biointerfaces, 2017, 155, 142-149.	2.5	30
14	Molecularly imprinted polymers based on zeolite imidazolate framework-8 for selective removal of 2,4-dichlorophenoxyacetic acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 570, 244-250.	2.3	29
15	Halloysiteâ€based dopamineâ€imprinted polymer for selective protein capture. Journal of Separation Science, 2016, 39, 2431-2437.	1.3	23
16	Nanoscale trifunctional bovine hemoglobin for fabricating molecularly imprinted polydopamine via Pickering emulsions-hydrogels polymerization. Colloids and Surfaces B: Biointerfaces, 2017, 159, 131-138.	2.5	22
17	A critical review of molecularly imprinted solid phase extraction technology. Journal of Polymer Research, 2021, 28, 1.	1.2	21
18	PEGylated Thermo-Sensitive Bionic Magnetic Core-Shell Structure Molecularly Imprinted Polymers Based on Halloysite Nanotubes for Specific Adsorption and Separation of Bovine Serum Albumin. Polymers, 2020, 12, 536.	2.0	20

#	Article	IF	Citations
19	Designing a CRISPR/Cas12a- and Au-Nanobeacon-Based Diagnostic Biosensor Enabling Direct, Rapid, and Sensitive miRNA Detection. Analytical Chemistry, 2022, 94, 6566-6573.	3.2	20
20	The synthesis of temperature-sensitive molecularly imprinted film on support beads and its application for bovine serum albumin separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 367-375.	2.3	19
21	GSH and light dual stimuli-responsive supramolecular polymer drug carriers for cancer therapy. Polymer Degradation and Stability, 2019, 168, 108956.	2.7	19
22	Bio-inspired magnetic molecularly imprinted polymers based on Pickering emulsions for selective protein recognition. New Journal of Chemistry, 2016, 40, 8745-8752.	1.4	18
23	Molecularly imprinted polymers fabricated using Janus particle-stabilized Pickering emulsions and charged monomer polymerization. New Journal of Chemistry, 2018, 42, 7355-7363.	1.4	18
24	A natural selenium polysaccharide from Pleurotus ostreatus: Structural elucidation, anti-gastric cancer and anti-colon cancer activity in vitro. International Journal of Biological Macromolecules, 2022, 201, 630-640.	3.6	18
25	Structural characterization and anti-tumor activity in vitro of a water-soluble polysaccharide from dark brick tea. International Journal of Biological Macromolecules, 2022, 205, 615-625.	3.6	18
26	Synthesis of Sizeâ€Tunable Hollow Polypyrrole Nanostructures and Their Assembly into Folateâ€Targeting and pHâ€Responsive Anticancer Drugâ€Delivery Agents. Chemistry - A European Journal, 2017, 23, 17279-17289.	1.7	17
27	Assembling of stimuli-responsive tumor targeting polypyrrole nanotubes drug carrier system for controlled release. Materials Science and Engineering C, 2018, 89, 316-327.	3.8	17
28	Co-delivery of DNAzyme and a chemotherapy drug using a DNA tetrahedron for enhanced anticancer therapy through synergistic effects. New Journal of Chemistry, 2019, 43, 14020-14027.	1.4	17
29	An Autonomous Self-Cleavage DNAzyme Walker for Live Cell MicroRNA Imaging. ACS Applied Bio Materials, 2020, 3, 6310-6318.	2.3	17
30	Quantum dot based molecularly imprinted polymer test strips for fluorescence detection of ferritin. Sensors and Actuators B: Chemical, 2022, 358, 131548.	4.0	17
31	Molecularly imprinted polymers fabricated via Pickering emulsions stabilized solely by food-grade casein colloidal nanoparticles for selective protein recognition. Analytical and Bioanalytical Chemistry, 2018, 410, 3133-3143.	1.9	16
32	Capsule-like molecular imprinted polymer nanoparticles for targeted and chemophotothermal synergistic cancer therapy. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112126.	2.5	16
33	Graphene oxide as a sacrificial material for fabricating molecularly imprinted polymers via Pickering emulsion polymerization. RSC Advances, 2016, 6, 74654-74661.	1.7	15
34	Hydrophilic surface molecularly imprinted naringin prepared via reverse atom transfer radical polymerization with excellent recognition ability in a pure aqueous phase. RSC Advances, 2017, 7, 28082-28091.	1.7	15
35	Polymethacrylic acid encapsulated TiO₂ nanotubes for sustained drug release and enhanced antibacterial activities. New Journal of Chemistry, 2019, 43, 1827-1837.	1.4	15
36	One-pot preparation of boronic acid and PEG bi-functionalized silica particles for separation and purification of catecholamine from rat serum. New Journal of Chemistry, 2015, 39, 8848-8854.	1.4	14

#	Article	IF	Citations
37	An effective and convenient synthesis of cordycepin from adenosine. Chemical Papers, 2018, 72, 149-160.	1.0	14
38	Current methods and prospects of coronavirus detection. Talanta, 2021, 225, 121977.	2.9	14
39	Micelles via self-assembly of amphiphilic beta-cyclodextrin block copolymers as drug carrier for cancer therapy. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110425.	2.5	13
40	Amphipathic Î²-cyclodextrin nanocarriers serve as intelligent delivery platform for anticancer drug. Colloids and Surfaces B: Biointerfaces, 2019, 180, 429-440.	2.5	12
41	Novel application of amphiphilic block copolymers in Pickering emulsions and selective recognition of proteins. New Journal of Chemistry, 2018, 42, 3028-3034.	1.4	11
42	A nanoprobe for ratiometric imaging of glutathione in living cells based on the use of a nanocomposite prepared from dual-emission carbon dots and manganese dioxide nanosheets. Mikrochimica Acta, 2020, 187, 537.	2.5	11
43	Preparation and characterization of molecularly imprinted organicâ€“inorganic hybrid materials by solâ€“gel processing for selective recognition of ibuprofen. Journal of Sol-Gel Science and Technology, 2013, 66, 59-67.	1.1	10
44	Preparation and characterization of molecularly imprinted polymers based on Î²â€cyclodextrinâ€stabilized Pickering emulsion polymerization for selective recognition of erythromycin from river water and milk. Journal of Separation Science, 2020, 43, 3683-3690.	1.3	10
45	Fabrication, GSH-responsive drug release, and anticancer properties of thioctic acid-based intelligent hydrogels. Colloids and Surfaces B: Biointerfaces, 2022, 217, 112703.	2.5	10
46	Intelligent Nanoprobe: Acid-Responsive Drug Release and In Situ Evaluation of Its Own Therapeutic Effect. Analytical Chemistry, 2020, 92, 12371-12378.	3.2	8
47	Cell-Surface-Anchored DNA Sensors for Simultaneously Monitoring Extracellular Sodium and Potassium Levels. Analytical Chemistry, 2021, 93, 16432-16438.	3.2	8
48	Discovery of the Rnase activity of CRISPRâ€“Cas12a and its distinguishing cleavage efficiency on various substrates. Chemical Communications, 2022, 58, 2540-2543.	2.2	8
49	Dually acid- and GSH-triggered bis(Î²-cyclodextrin) as drugs delivery nanoplatform for effective anticancer monotherapy. Nanotechnology, 2021, 32, 145714.	1.3	7
50	Bimetallic modified halloysite particle electrode enhanced electrocatalytic oxidation for the degradation of sulfanilamide. Journal of Environmental Management, 2022, 312, 114975.	3.8	7
51	Waste coal cinder catalyst enhanced electrocatalytic oxidation and persulfate advanced oxidation for the degradation of sulfadiazine. Chemosphere, 2022, 303, 134880.	4.2	6
52	The structural characterization and anticancer activity of a polysaccharide from Coriolus versicolor. New Journal of Chemistry, 2022, 46, 9830-9840.	1.4	4
53	The Main Structural Unit Elucidation and Immunomodulatory Activity In Vitro of a Selenium-Enriched Polysaccharide Produced by Pleurotus ostreatus. Molecules, 2022, 27, 2591.	1.7	3
54	Preparation and Corresponding Properties of a Novel Aqueous Derivative of Lutein. Chemistry Letters, 2016, 45, 586-588.	0.7	1

#	Article	IF	Citations
55	An improved synthesis of the 5-HT1A receptor agonist Eptapirone free base. Chemical Papers, 2019, 73, 1321-1331.	1.0	0