Wencheng Zhang

List of Publications by Year
in descending order

21 papers	230 citations	1163117 8 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	217 citing authors

#	Article	IF	Citations
1	Exploration of the binding between ellagic acid, a potentially risky food additive, and bovine serum albumin. Food and Chemical Toxicology, 2019, 134, 110867.	3.6	34
2	Preparation, characterization, antioxidant and anti-inflammatory activities of acid-soluble pectin from okra (Abelmoschus esculentus L.). International Journal of Biological Macromolecules, 2021, 181, 824-834.	7.5	33
3	The impact of quick-freezing methods on the quality, moisture distribution and microstructure of prepared ground pork during storage duration. Ultrasonics Sonochemistry, 2021, 78, 105707.	8.2	28
4	Evaluation the binding of chelerythrine, a potentially harmful toxin, with bovine serum albumin. Food and Chemical Toxicology, 2020, 135, 110933.	3.6	19
5	Theoretical design, preparation, and evaluation of Ginkgolide B molecularly imprinted polymers. Journal of Separation Science, 2020, 43, 514-523.	2.5	16
6	Okra pectin relieves inflammatory response and protects damaged intestinal barrier in caeruleinâ€induced acute pancreatic model. Journal of the Science of Food and Agriculture, 2021, 101, 863-870.	3.5	13
7	Artificial neural network approach for predicting blood brain barrier permeability based on a group contribution method. Computer Methods and Programs in Biomedicine, 2021, 200, 105943.	4.7	11
8	Optimization on conditions of podophyllotoxin-loaded liposomes using response surface methodology and its activity on PC3 cells. Journal of Liposome Research, 2019, 29, 133-141.	3.3	9
9	Preparation of monoethyl fumarate-based molecularly imprinted polymers and their application as a solid-phase extraction sorbent for the separation of scopolamine from tropane alkaloids. RSC Advances, 2019, 9, 19712-19719.	3.6	8
10	Effect of banana pulp dietary fibers on metabolic syndrome and gut microbiota diversity in highâ€fat diet mice. Journal of Food Biochemistry, 2020, 44, e13362.	2.9	8
11	Enantioseparation in Hierarchically Porous Assemblies of Homochiral Cages. ACS Central Science, 2022, 8, 562-570.	11.3	8
12	Separation and purification of six isoflavones from Iris tectorum Maxim by macroporous resin-based column chromatography coupled with preparative high-performance liquid chromatography. Separation Science and Technology, 2020, 55, 1686-1694.	2.5	7
13	Computer simulation aided preparation of molecularly imprinted polymers for separation of bilobalide. Journal of Molecular Modeling, 2020, 26, 198.	1.8	7
14	Effect of high hydrostatic pressure on pasting properties, volatile flavor components, and water distribution of cooked black rice. Journal of Food Processing and Preservation, 2020, 44, e14900.	2.0	7
15	Effect of highâ€pressure preâ€soaking on texture and retrogradation properties of parboiled rice. Journal of the Science of Food and Agriculture, 2021, 101, 4201-4206.	3.5	5
16	Dispersive solid phase extraction of ginkgolide B from real samples using <scp>3D</scp> reduced oxide graphene aerogel based molecularly imprinted polymers. Polymers for Advanced Technologies, 2022, 33, 3501-3511.	3.2	5
17	Enzyme-assisted extraction of cordycepin and adenosine from cultured Cordyceps militaris and purification by macroporous resin column chromatography. Separation Science and Technology, 2017, 52, 1350-1358.	2.5	4
18	Preparation and evaluation of molecularly imprinted composite membranes for inducing crystallization of oleanolic acid in supercritical CO2. Analytical Methods, 2016, 8, 5651-5657.	2.7	3

#	Article	IF	Citations
19	Synthesis and evaluation of novel ascorbyl cinnamates as potential anti-oxidant and antimicrobial agents. Research on Chemical Intermediates, 2017, 43, 5901-5916.	2.7	2
20	A novel process for scopolamine separation from Hindu Datura extracts by liquidâ€“liquid extraction, macroporous resins, and crystallization. Separation Science and Technology, 2020, 55, 922-931.	2.5	2
21	Bilobalide molecularly imprinted polymers prepared using MWCNTs / ZIF â€67 composite as supporter for solidâ€phase extraction of bilobalide from real samples. Polymer International, 0, , .	3.1	1