

Hairun Pei

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

305
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation and identification of polyphenols in apple pomace by high-speed counter-current chromatography and high-performance liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4268-4274.	3.7	80
2	Selective microextraction of polycyclic aromatic hydrocarbons using a hydrophobic deep eutectic solvent composed with an iron oxide-based nanofluid. <i>Mikrochimica Acta</i> , 2019, 186, 560.	5.0	34
3	A novel methodology for real-time identification of the botanical origins and adulteration of honey by rapid evaporative ionization mass spectrometry. <i>Food Control</i> , 2019, 106, 106753.	5.5	33
4	The crystal structure of MICU2 provides insight into Ca ²⁺ binding and MICU2 heterodimer formation. <i>EMBO Reports</i> , 2019, 20, e47488.	4.5	24
5	In vitro study of the effect of quinoa and quinoa polysaccharides on human gut microbiota. <i>Food Science and Nutrition</i> , 2021, 9, 5735-5745.	3.4	24
6	Optimization extraction and purification of biological activity curcumin from <i>Curcuma longa</i> L by high-performance counter-current chromatography. <i>Journal of Separation Science</i> , 2020, 43, 1586-1592.	2.5	16
7	Development and evaluation of a spiral tube column for counter-current chromatography. <i>Journal of Separation Science</i> , 2011, 34, 2611-2617.	2.5	12
8	Expression and preliminary characterization of human MICU2. <i>Biology Open</i> , 2016, 5, 962-969.	1.2	12
9	Application of counter-current chromatography as a new pretreatment method for the determination of polycyclic aromatic hydrocarbons in environmental water. <i>Journal of Separation Science</i> , 2012, 35, 596-601.	2.5	11
10	Phosphorylation of bacterial L9 and its functional implication in response to starvation stress. <i>FEBS Letters</i> , 2017, 591, 3421-3430.	2.8	11
11	Separation of high-purity eicosapentaenoic acid and docosahexaenoic acid from fish oil by pH-zone-refining countercurrent chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2569-2577.	2.5	11
12	Separation and purification of lanosterol, dihydrolanosterol, and cholesterol from lanolin by high-performance counter-current chromatography dual-mode elution method. <i>Journal of Separation Science</i> , 2019, 42, 2171-2178.	2.5	11
13	Preparative and scaled-up separation of high-purity Î-linolenic acid from perilla seed oil by conventional and pH-zone refining counter-current chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2360-2370.	2.5	8
14	Characterization of DicB by partially masking its potent inhibitory activity of cell division. <i>Open Biology</i> , 2016, 6, 160082.	3.6	6
15	Separation of the potential G-quadruplex ligands from the butanol extract of <i>Zanthoxylum ailanthoides</i> Sieb. & Zucc. by countercurrent chromatography and preparative high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1507, 104-114.	3.7	6
16	PREPARATIVE SEPARATION OF LUVANGETIN FROM <i>ZANTHOXYLUM AILANTHOIDES</i> SIEB. & ZUCC. BY CENTRIFUGAL PARTITION CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1819-1826.	1.0	4
17	Overview of Solvent System Selection Strategies for Countercurrent Chromatography. <i>Separation and Purification Reviews</i> , 2023, 52, 305-325.	5.5	2
18	Crystal Structures of <i>Candida albicans</i> Phosphodiesterase 2 and Implications for Its Biological Functions. <i>Biochemistry</i> , 2018, 57, 6070-6077.	2.5	0

#	ARTICLE	IF	CITATIONS
19	Characterization of DicB Inhibitory Activity in Cell Division Under Stress Conditions. Chemical Research in Chinese Universities, 0, , 1.	2.6	0