

Qilin Chan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

310
citations

11
h-index

17
g-index

17
ext. papers

349
ext. citations

5.5
avg. IF

2.89
L-index

#	Paper	IF	Citations
15	Metallomic analysis of macrophages infected with <i>Histoplasma capsulatum</i> reveals a fundamental role for zinc in host defenses. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1136-45	7	58
14	Identification of selenium compounds using HPLC-ICPMS and nano-ESI-MS in selenium-enriched rice via foliar application. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 1657	3.7	58
13	Selenium speciation profiles in selenite-enriched soybean (<i>Glycine Max</i>) by HPLC-ICPMS and ESI-ITMS. <i>Metallomics</i> , 2010 , 2, 147-53	4.5	39
12	Determining what really counts: modeling and measuring nanoparticle number concentrations. <i>Environmental Science: Nano</i> , 2019 , 6, 2876-2896	7.1	21
11	Human macrophage ATP7A is localized in the trans-Golgi apparatus, controls intracellular copper levels, and mediates macrophage responses to dermal wounds. <i>Inflammation</i> , 2012 , 35, 167-75	5.1	21
10	Vascular metallomics: copper in the vasculature. <i>Vascular Medicine</i> , 2010 , 15, 61-9	3.3	20
9	A metallomics approach discovers selenium-containing proteins in selenium-enriched soybean. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 1311-21	4.4	18
8	Investigation of selenium metabolites in Se-enriched kale, <i>Brassica oleracea A</i> , via HPLC-ICPMS and nanoESI-ITMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 186-192	3.7	17
7	Electrical conformational bistability of dimesogen molecules with a molecular chord structure. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6889-93	16.4	15
6	Ribonucleoside labeling with Os(VI): a methodological approach to evaluation of RNA methylation by HPLC-ICP-MS. <i>Metallomics</i> , 2010 , 2, 140-6	4.5	12
5	Microcontact printing of multiproteins on the modified mica substrate and study of immunoassays. <i>Surface and Interface Analysis</i> , 2006 , 38, 44-50	1.5	12
4	<i>Histoplasma capsulatum</i> proteome response to decreased iron availability. <i>Proteome Science</i> , 2008 , 6, 36	2.6	10
3	Gold nanoparticle mixture retention test with single particle detection: A fast and sensitive probe for functional pore sizes of ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2020 , 599, 117822	9.6	8
2	Plasma-Based Gas Chromatography Detectors 2012 , 355-373		1
1	Speciation and element-selective detection by gas chromatography 2012 , 449-467		