

Dong-Kyu Lee

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

520
citations

840728

11
h-index

1058452

14
g-index

15
all docs

15
docs citations

15
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Uptake of nanopolystyrene particles induces distinct metabolic profiles and toxic effects in <i>Caenorhabditis elegans</i> . <i>Environmental Pollution</i> , 2019, 246, 578-586.	7.5	155
2	Comparison of primary and secondary metabolites for suitability to discriminate the origins of <i>Schisandra chinensis</i> by GC/MS and LC/MS. <i>Food Chemistry</i> , 2013, 141, 3931-3937.	8.2	72
3	Non-destructive profiling of volatile organic compounds using HS-SPME/GC-MS and its application for the geographical discrimination of white rice. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 260-267.	1.9	67
4	Metabolic response induced by parasitic plant-fungus interactions hinder amino sugar and nucleotide sugar metabolism in the host. <i>Scientific Reports</i> , 2016, 6, 37434.	3.3	52
5	A 1H NMR-based metabolomics approach to evaluate the geographical authenticity of herbal medicine and its application in building a model effectively assessing the mixing proportion of intentional admixtures: A case study of <i>Panax ginseng</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 120-128.	2.8	35
6	UPLC-QTOFMS based metabolomics followed by stepwise partial least square-discriminant analysis (PLS-DA) explore the possible relation between the variations in secondary metabolites and the phylogenetic divergences of the genus <i>Panax</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1012-1013, 61-68.	2.3	26
7	Slc25a17 acts as a peroxisomal coenzyme A transporter and regulates multiorgan development in zebrafish. <i>Journal of Cellular Physiology</i> , 2020, 235, 151-165.	4.1	23
8	Comparative analysis of the transcriptomes and primary metabolite profiles of adventitious roots of five <i>Panax ginseng</i> cultivars. <i>Journal of Ginseng Research</i> , 2017, 41, 60-68.	5.7	20
9	Evaluation of Four Different Analytical Tools to Determine the Regional Origin of <i>Gastrodia elata</i> and <i>Rehmannia glutinosa</i> on the Basis of Metabolomics Study. <i>Molecules</i> , 2014, 19, 6294-6308.	3.8	16
10	Non-invasive characterization of the adipogenic differentiation of human bone marrow-derived mesenchymal stromal cells by HS-SPME/GC-MS. <i>Scientific Reports</i> , 2014, 4, 6550.	3.3	15
11	<i>In Vitro</i> Tracking of Intracellular Metabolism-Derived Cancer Volatiles via Isotope Labeling. <i>ACS Central Science</i> , 2018, 4, 1037-1044.	11.3	14
12	Solid-phase extraction assisted dispersive liquid-liquid microextraction based on solidification of floating organic droplet to determine sildenafil and its analogues in dietary supplements. <i>Journal of Separation Science</i> , 2017, 40, 3120-3129.	2.5	9
13	Removing Formaldehyde-Induced Peptidyl Crosslinks Enables Mass Spectrometry Imaging of Peptide Hormone Distributions from Formalin-Fixed Paraffin-Embedded Tissues. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22584-22590.	13.8	8
14	Research Quality-Based Multivariate Modeling for Comparison of the Pharmacological Effects of Black and Red Ginseng. <i>Nutrients</i> , 2020, 12, 2590.	4.1	8
15	Removing Formaldehyde-Induced Peptidyl Crosslinks Enables Mass Spectrometry Imaging of Peptide Hormone Distributions from Formalin-Fixed Paraffin-Embedded Tissues. <i>Angewandte Chemie</i> , 2020, 132, 22773-22779.	2.0	0