

# Dong-Kyu Lee

## List of Publications by Year in Descending Order

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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

339  
citations

10  
h-index

15  
g-index

15  
ext. papers

446  
ext. citations

6.8  
avg, IF

3.49  
L-index

#	Paper	IF	Citations
15	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> , <b>2020</b> , 59, 22584-22590	16.4	4
14	Removing Formaldehyde-Induced Peptidyl Crosslinks Enables Mass Spectrometry Imaging of Peptide Hormone Distributions from Formalin-Fixed Paraffin-Embedded Tissues. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22773-22779	3.6	
13	Research Quality-Based Multivariate Modeling for Comparison of the Pharmacological Effects of Black and Red Ginseng. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
12	Slc25a17 acts as a peroxisomal coenzyme A transporter and regulates multiorgan development in zebrafish. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 151-165	7	9
11	Uptake of nanopolystyrene particles induces distinct metabolic profiles and toxic effects in <i>Caenorhabditis elegans</i> . <i>Environmental Pollution</i> , <b>2019</b> , 246, 578-586	9.3	100
10	Tracking of Intracellular Metabolism-Derived Cancer Volatiles via Isotope Labeling. <i>ACS Central Science</i> , <b>2018</b> , 4, 1037-1044	16.8	10
9	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> , <b>2018</b> , 26, 260-267	7	41
8	Comparative analysis of the transcriptomes and primary metabolite profiles of adventitious roots of five cultivars. <i>Journal of Ginseng Research</i> , <b>2017</b> , 41, 60-68	5.8	17
7	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> , <b>2017</b> , 40, 3120-3129	3.4	5
6	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> : Metabolomics for the authenticity of herbal medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 124, 120-129	3.5	28
5	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> , <b>2016</b> , 1012-1013, 61-6	3.2	12
4	Metabolic response induced by parasitic plant-fungus interactions hinder amino sugar and nucleotide sugar metabolism in the host. <i>Scientific Reports</i> , <b>2016</b> , 6, 37434	4.9	32
3	Non-invasive characterization of the adipogenic differentiation of human bone marrow-derived mesenchymal stromal cells by HS-SPME/GC-MS. <i>Scientific Reports</i> , <b>2014</b> , 4, 6550	4.9	11
2	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> , <b>2014</b> , 19, 6294-308	4.8	12
1	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> , <b>2013</b> , 141, 3931-7	8.5	55