

Youngja Park

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.

43
papers

2,267
citations

22
h-index

44
g-index

44
ext. papers

2,716
ext. citations

4.9
avg, IF

4.6
L-index

#	Paper	IF	Citations
43	Predicting network activity from high throughput metabolomics. <i>PLoS Computational Biology</i> , 2013 , 9, e1003123	5	431
42	apLCMS--adaptive processing of high-resolution LC/MS data. <i>Bioinformatics</i> , 2009 , 25, 1930-6	7.2	219
41	Nutritional metabolomics: progress in addressing complexity in diet and health. <i>Annual Review of Nutrition</i> , 2012 , 32, 183-202	9.9	188
40	Vaccine activation of the nutrient sensor GCN2 in dendritic cells enhances antigen presentation. <i>Science</i> , 2014 , 343, 313-317	33.3	154
39	Diurnal variation in glutathione and cysteine redox states in human plasma. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1016-23	7	145
38	High-performance metabolic profiling with dual chromatography-Fourier-transform mass spectrometry (DC-FTMS) for study of the exposome. <i>Metabolomics</i> , 2013 , 9, S132-S143	4.7	127
37	Serum metabolomics of slow vs. rapid motor progression Parkinson's disease: a pilot study. <i>PLoS ONE</i> , 2013 , 8, e77629	3.7	87
36	Metabolome-wide association study of neovascular age-related macular degeneration. <i>PLoS ONE</i> , 2013 , 8, e72737	3.7	78
35	High-performance metabolic profiling of plasma from seven mammalian species for simultaneous environmental chemical surveillance and bioeffect monitoring. <i>Toxicology</i> , 2012 , 295, 47-55	4.4	70
34	Children with severe asthma have unique oxidative stress-associated metabolomic profiles. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 258-61.e1-8	11.5	67
33	Prevention of acetaminophen-induced hepatotoxicity by dimethyl sulfoxide. <i>Toxicology</i> , 1988 , 52, 165-75	4.4	66
32	Hybrid feature detection and information accumulation using high-resolution LC-MS metabolomics data. <i>Journal of Proteome Research</i> , 2013 , 12, 1419-27	5.6	62
31	Discovery of metabolite features for the modelling and analysis of high-resolution NMR spectra. <i>International Journal of Data Mining and Bioinformatics</i> , 2008 , 2, 176-92	0.5	59
30	Dietary sulfur amino acid effects on fasting plasma cysteine/cystine redox potential in humans. <i>Nutrition</i> , 2011 , 27, 199-205	4.8	57
29	Metabolomics of bronchoalveolar lavage differentiate healthy HIV-1-infected subjects from controls. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, 579-85	1.6	50
28	Cerebrospinal fluid concentrations of N-acetylcysteine after oral administration in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 500-3	3.6	45
27	Transcriptome-metabolome wide association study (TMWAS) of maneb and paraquat neurotoxicity reveals network level interactions in toxicologic mechanism. <i>Toxicology Reports</i> , 2014 , 1, 435-444	4.8	42

26	Detailed mitochondrial phenotyping by high resolution metabolomics. <i>PLoS ONE</i> , 2012 , 7, e33020	3.7	40
25	Sub-lethal pharmaceutical hazard tracking in adult zebrafish using untargeted LC-MS environmental metabolomics. <i>Journal of Hazardous Materials</i> , 2017 , 339, 63-72	12.8	36
24	Genetic algorithm-based feature selection in high-resolution NMR spectra. <i>Expert Systems With Applications</i> , 2008 , 35, 967-975	7.8	32
23	Individual variation in macronutrient regulation measured by proton magnetic resonance spectroscopy of human plasma. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R202-9	3.2	29
22	Postprandial cysteine/cystine redox potential in human plasma varies with meal content of sulfur amino acids. <i>Journal of Nutrition</i> , 2010 , 140, 760-5	4.1	24
21	Oxidative changes in hypoxic-reoxygenated rabbit heart: a consequence of hypoxia rather than reoxygenation. <i>Free Radical Research Communications</i> , 1991 , 14, 179-85		20
20	Postanoxic oxidative injury in rat hepatocytes: lactate-dependent protection against tert-butylhydroperoxide. <i>Free Radical Biology and Medicine</i> , 1992 , 12, 205-12	7.8	20
19	Revascularization for acute regional infarct: superior protection with warm blood cardioplegia. <i>Annals of Thoracic Surgery</i> , 1993 , 56, 1228-37; discussion 1237-8	2.7	19
18	Hepatic oxidative stress in fructose-induced fatty liver is not caused by sulfur amino acid insufficiency. <i>Nutrients</i> , 2011 , 3, 987-1002	6.7	17
17	Controlling the False Discovery Rate for Feature Selection in High-resolution NMR Spectra. <i>Statistical Analysis and Data Mining</i> , 2008 , 1, 57-66	1.4	16
16	A sulfur amino acid-free meal increases plasma lipids in humans. <i>Journal of Nutrition</i> , 2011 , 141, 1424-31	4.1	9
15	Significance of metabolite extraction method for evaluating sulfamethazine toxicity in adult zebrafish using metabolomics. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 127, 127-34	7	8
14	Metabolic Consequences of Chronic Alcohol Abuse in Non-Smokers: A Pilot Study. <i>PLoS ONE</i> , 2015 , 10, e0129570	3.7	8
13	Oxidative stress during hypoxia in isolated-perfused rat heart. <i>Advances in Experimental Medicine and Biology</i> , 1991 , 283, 299-304	3.6	7
12	Metabolic effects of albumin therapy in acute lung injury measured by proton nuclear magnetic resonance spectroscopy of plasma: a pilot study. <i>Critical Care Medicine</i> , 2011 , 39, 2308-13	1.4	6
11	Multifractal analysis for nutritional assessment. <i>PLoS ONE</i> , 2013 , 8, e69000	3.7	5
10	Self-similarity in NMR Spectra: An Application in Assessing the Level of Cysteine. <i>Journal of Data Science</i> , 2010 , 8, 1-19	2.1	5
9	High-resolution metabolomics determines the mode of onset of type 2 diabetes in a 3-year prospective cohort study. <i>International Journal of Molecular Medicine</i> , 2018 , 41, 1069-1077	4.4	4

8	Sulfur amino acid-free diet results in increased glutamate in human midbrain: a pilot magnetic resonance spectroscopic study. <i>Nutrition</i> , 2012 , 28, 235-41	4.8	4
7	Self-similarity in NMR Spectra: An Application in Assessing the Level of Cysteine. <i>Journal of Data Science</i> , 2010 , 8, 1-19	2.1	4
6	Purity of ruthenium red used in pharmacological research. <i>Journal of Pharmacological Methods</i> , 1991 , 25, 179-83		3
5	The Efficacy of Pilates on Urinary Incontinence in Korean Women: A Metabolomics Approach. <i>Metabolites</i> , 2021 , 11,	5.6	2
4	Clustering Based on Periodicity in High-Throughput Time Course Data. <i>Statistical Analysis and Data Mining</i> , 2011 , 4, 579-589	1.4	1
3	ATP and Other Energetic Parameters as Indicators of Cell Injury 1994 , 140-151		1
2	Reply: To PMID 24369802. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1499-500	11.5	
1	Protective effect of dicalciphor during mitochondrial failure. <i>Renal Failure</i> , 1992 , 14, 303-6	2.9	