

Yong-Moon Lee

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.

37
papers

616
citations

14
h-index

24
g-index

42
ext. papers

820
ext. citations

5.6
avg, IF

3.58
L-index

#	Paper	IF	Citations
37	Sulforaphane attenuates obesity by inhibiting adipogenesis and activating the AMPK pathway in obese mice. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 201-7	6.3	105
36	Senescent cells promote tissue NAD decline during ageing via the activation of CD38 macrophages. <i>Nature Metabolism</i> , 2020 , 2, 1265-1283	14.6	78
35	A maresin 1/ROR α 12-lipoxygenase autoregulatory circuit prevents inflammation and progression of nonalcoholic steatohepatitis. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1684-1698	15.9	57
34	ER stress stimulates production of the key antimicrobial peptide, cathelicidin, by forming a previously unidentified intracellular S1P signaling complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1334-42	11.5	52
33	Hepatic triglyceride accumulation via endoplasmic reticulum stress-induced SREBP-1 activation is regulated by ceramide synthases. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-16	12.8	30
32	Differential effects of fumonisin B1 on cell death in cultured cells: the significance of the elevated sphinganine. <i>Archives of Pharmacal Research</i> , 2001 , 24, 136-43	6.1	23
31	The dietary ingredient, genistein, stimulates cathelicidin antimicrobial peptide expression through a novel S1P-dependent mechanism. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 734-40	6.3	21
30	An endoplasmic reticulum stress-initiated sphingolipid metabolite, ceramide-1-phosphate, regulates epithelial innate immunity by stimulating β -defensin production. <i>Molecular and Cellular Biology</i> , 2014 , 34, 4368-78	4.8	21
29	Sphingosine kinase 1 activation enhances epidermal innate immunity through sphingosine-1-phosphate stimulation of cathelicidin production. <i>Journal of Dermatological Science</i> , 2015 , 79, 229-34	4.3	18
28	Altering sphingolipid composition with aging induces contractile dysfunction of gastric smooth muscle via K(Ca) 1.1 upregulation. <i>Aging Cell</i> , 2015 , 14, 982-94	9.9	18
27	Anti-cancer effect of thiacremonone through down regulation of peroxiredoxin 6. <i>PLoS ONE</i> , 2014 , 9, e91508	3.7	18
26	Ablation of ceramide synthase 2 exacerbates dextran sodium sulphate-induced colitis in mice due to increased intestinal permeability. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3565-3578	5.6	16
25	Simultaneous analysis of mono-, di-, and tri-ethanolamine in cosmetic products using liquid chromatography coupled tandem mass spectrometry. <i>Archives of Pharmacal Research</i> , 2016 , 39, 66-72	6.1	14
24	Identification and structural elucidation of three new tadalafil analogues found in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 123, 1-9	3.5	14
23	Cellular and Metabolic Basis for the Ichthyotic Phenotype in NIPAL4 (Ichthyin)-Deficient Canines. <i>American Journal of Pathology</i> , 2018 , 188, 1419-1429	5.8	13
22	Simultaneous molecular formula determinations of natural compounds in a plant extract using 15 T Fourier transform ion cyclotron resonance mass spectrometry. <i>Plant Methods</i> , 2013 , 9, 15	5.8	12
21	Measurement of Human Cytochrome P450 Enzyme Induction Based on Mesalazine and Mosapride Citrate Treatments Using a Luminescent Assay. <i>Biomolecules and Therapeutics</i> , 2015 , 23, 486-92	4.2	11

20	KCa 3.1 upregulation preserves endothelium-dependent vasorelaxation during aging and oxidative stress. <i>Aging Cell</i> , 2016 , 15, 801-10	9.9	11
19	Development of a specific fragment pattern-based quadrupole-Orbitrap mass spectrometry method to screen adulterated products of phosphodiesterase-5 inhibitors and their analogues. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019 , 59, 433-441	2	10
18	Anti-inflammatory effect of a novel synthetic compound 1-((4-fluorophenyl)thio)isoquinoline in RAW264.7 macrophages and a zebrafish model. <i>Fish and Shellfish Immunology</i> , 2019 , 87, 395-400	4.3	9
17	Reliable screening and classification of phosphodiesterase type 5 inhibitors in dietary supplements using gas chromatography / mass spectrometry combined with specific common ions. <i>Journal of Chromatography A</i> , 2020 , 1623, 461210	4.5	7
16	Cocaine- and Amphetamine-Regulated Transcript (CART) Peptide Plays Critical Role in Psychostimulant-Induced Depression. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 425-431	4.2	7
15	Mass Spectrometric Confirmation of Linolenic Acid Ester-Linked Ceramide 1 in the Epidermis of Borage Oil Fed Guinea Pigs. <i>Lipids</i> , 2015 , 50, 1051-6	1.6	5
14	Bosentan and Rifampin Interactions Modulate Influx Transporter and Cytochrome P450 Expression and Activities in Primary Human Hepatocytes. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 288-295	4.2	5
13	Suppresses Oleic Acid-Induced Lipid Accumulation through an Activation of LKB1/AMPK Pathway in HepG2 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 3140267	2.3	5
12	Genome-wide DNA methylation changes in transformed foci induced by nongenotoxic carcinogens. <i>Environmental and Molecular Mutagenesis</i> , 2019 , 60, 576-587	3.2	3
11	Development and validation of rapid and simultaneous method for determination of 12 hair-growth compounds in adulterated products by UHPLC-MS/MS. <i>Forensic Science International</i> , 2018 , 284, 129-135	2.6	3
10	Anti-melanogenic effect of gomisin N from Schisandra chinensis (Turcz.) Baillon (Schisandraceae) in melanoma cells. <i>Archives of Pharmacal Research</i> , 2017 , 40, 807-817	6.1	3
9	Determination of recombinant human epidermal growth factor (rhEGF) in a pharmaceutical formulation by high performance liquid chromatography with electrochemical detection. <i>Archives of Pharmacal Research</i> , 2001 , 24, 355-9	6.1	3
8	Sphingolipid metabolic changes during chiral C2-ceramides induced apoptosis in human leukemia cells. <i>Archives of Pharmacal Research</i> , 2001 , 24, 144-9	6.1	3
7	Predicting Carcinogenic Mechanisms of Non-Genotoxic Carcinogens via Combined Analysis of Global DNA Methylation and In Vitro Cell Transformation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
6	Development of a specific fragmentation pattern-based quadrupole-Orbitrap mass spectrometry method to screen drugs in illicit products. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020 , 60, 86-94	2	3
5	Sesquiterpene Alcohol Cedrol Chemosensitizes Human Cancer Cells and Suppresses Cell Proliferation by Destabilizing Plasma Membrane Lipid Rafts. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 571676	5.7	3
4	Development and applications of a chemical method for sequential analysis of reducing oligosaccharides. <i>Archives of Pharmacal Research</i> , 1997 , 20, 184-90	6.1	2
3	Identification of biomarkers on kidney failure by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2021 , 52, 1712	2.3	2

- 2 Activation of Hair Cell Growth Factors by Linoleic Acid in Seed. *Molecules*, **2021**, 26, 4.8 1
- 1 A Dansyl-Modified Sphingosine Kinase Inhibitor DPF-543 Enhanced De Novo Ceramide Generation. *International Journal of Molecular Sciences*, **2021**, 22, 6.3 1