

Yong-Moon Lee

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,005
citations

566801

15
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454577

30
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42
all docs

42
docs citations

42
times ranked

1770
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Senescent cells promote tissue NAD ⁺ decline during ageing via the activation of CD38 ⁺ macrophages. <i>Nature Metabolism</i> , 2020, 2, 1265-1283. | 5.1 | 206 |
| 2 | Sulforaphane attenuates obesity by inhibiting adipogenesis and activating the AMPK pathway in obese mice. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 201-207. | 1.9 | 137 |
| 3 | 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. | 3.9 | 109 |
| 4 | 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. | 3.3 | 77 |
| 5 | 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. | 3.2 | 51 |
| 6 | The dietary ingredient, genistein, stimulates cathelicidin antimicrobial peptide expression through a novel S1P-dependent mechanism. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 734-740. | 1.9 | 27 |
| 7 | 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, 136-143. | 2.7 | 25 |
| 8 | 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, 4368-4378. | 1.1 | 25 |
| 9 | Anti-Cancer Effect of Thiacemonone through Down Regulation of Peroxiredoxin 6. <i>PLoS ONE</i> , 2014, 9, e91508. | 1.1 | 23 |
| 10 | Altering sphingolipid composition with aging induces contractile dysfunction of gastric smooth muscle via $K_{Ca}1.1$ upregulation. <i>Aging Cell</i> , 2015, 14, 982-994. | 3.0 | 22 |
| 11 | 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. | 1.6 | 22 |
| 12 | Sphingosine kinase 1 activation enhances epidermal innate immunity through sphingosine-1-phosphate stimulation of cathelicidin production. <i>Journal of Dermatological Science</i> , 2015, 79, 229-234. | 1.0 | 20 |
| 13 | 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. | 2.7 | 20 |
| 14 | Cellular and Metabolic Basis for the Ichthyotic Phenotype in NIPAL4 (Ichthyin) α -Deficient Canines. <i>American Journal of Pathology</i> , 2018, 188, 1419-1429. | 1.9 | 19 |
| 15 | 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. | 1.4 | 16 |
| 16 | $K_{Ca}3.1$ upregulation preserves endothelium-dependent vasorelaxation during aging and oxidative stress. <i>Aging Cell</i> , 2016, 15, 801-810. | 3.0 | 15 |
| 17 | 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. | 1.9 | 13 |
| 18 | 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, 486-492. | 1.1 | 13 |

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|----|---|-----|-----------|
| 19 | Cocaine- and Amphetamine-Regulated Transcript (CART) Peptide Plays Critical Role in Psychostimulant-Induced Depression. <i>Biomolecules and Therapeutics</i> , 2018, 26, 425-431. | 1.1 | 13 |
| 20 | 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. | 1.6 | 13 |
| 21 | 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. | 1.3 | 13 |
| 22 | 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. | 1.8 | 13 |
| 23 | Activation of Hair Cell Growth Factors by Linoleic Acid in <i>Malva verticillata</i> Seed. <i>Molecules</i> , 2021, 26, 2117. | 1.7 | 13 |
| 24 | 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. | 1.8 | 12 |
| 25 | Anti-melanogenic effect of gomisin N from <i>Schisandra chinensis</i> (Turcz.) Baillon (Schisandraceae) in melanoma cells. <i>Archives of Pharmacal Research</i> , 2017, 40, 807-817. | 2.7 | 9 |
| 26 | Identification of biomarkers on kidney failure by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1712-1721. | 1.2 | 8 |
| 27 | 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. | 1.1 | 8 |
| 28 | <i>Zanthoxylum ailanthoides</i> 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, 1-11. | 0.5 | 7 |
| 29 | 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, 5387. | 1.8 | 7 |
| 30 | Genome-wide DNA methylation changes in transformed foci induced by nongenotoxic carcinogens. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 576-587. | 0.9 | 6 |
| 31 | 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. | 1.3 | 6 |
| 32 | Mass Spectrometric Confirmation of γ -Linolenic Acid Ester-Linked Ceramide 1 in the Epidermis of Borage Oil Fed Guinea Pigs. <i>Lipids</i> , 2015, 50, 1051-1056. | 0.7 | 5 |
| 33 | 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. | 1.3 | 5 |
| 34 | SK1 Inhibitor RB005 Induces Apoptosis in Colorectal Cancer Cells through SK1 Inhibition Dependent and Independent Pathway. <i>Current Molecular Pharmacology</i> , 2022, 15, 570-581. | 0.7 | 5 |
| 35 | 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, 355-359. | 2.7 | 4 |
| 36 | Sphingolipid metabolic changes during chiral C2-ceramides induced apoptosis in human leukemia cells. <i>Archives of Pharmacal Research</i> , 2001, 24, 144-149. | 2.7 | 4 |

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|----|--|-----|-----------|
| 37 | A Dansyl-Modified Sphingosine Kinase Inhibitor DPF-543 Enhanced De Novo Ceramide Generation. International Journal of Molecular Sciences, 2021, 22, 9190. | 1.8 | 3 |
| 38 | Development and applications of a chemical method for sequential analysis of reducing oligosaccharides. Archives of Pharmacal Research, 1997, 20, 184-190. | 2.7 | 2 |
| 39 | A Bioassay Using a Pentadecanal Derivative to Measure S1P Lyase Activity. International Journal of Molecular Sciences, 2021, 22, 1438. | 1.8 | 2 |