

Dong-Seok Kim

List of Publications by Year in descending order

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73
papers

1,757
citations

279778

23
h-index

302107

39
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all docs

73
docs citations

73
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	Sphingosine-1-phosphate decreases melanin synthesis via sustained ERK activation and subsequent MITF degradation. <i>Journal of Cell Science</i> , 2003, 116, 1699-1706.	2.0	187
2	Delayed ERK activation by ceramide reduces melanin synthesis in human melanocytes. <i>Cellular Signalling</i> , 2002, 14, 779-785.	3.6	145
3	Inhibitory Effects of 4-n-Butylresorcinol on Tyrosinase Activity and Melanin Synthesis. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 2216-2219.	1.4	102
4	($\hat{\alpha}$)-Epigallocatechin-3-gallate and hinokitiol reduce melanin synthesis via decreased MITF production. <i>Archives of Pharmacal Research</i> , 2004, 27, 334-339.	6.3	85
5	Sphingosylphosphorylcholine-induced ERK activation inhibits melanin synthesis in human melanocytes. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 146-153.	3.6	72
6	Oxidation of indole-3-acetic acid by horseradish peroxidase induces apoptosis in G361 human melanoma cells. <i>Cellular Signalling</i> , 2004, 16, 81-88.	3.6	67
7	Sphingosine-1-phosphate inhibits human keratinocyte proliferation via Akt/protein kinase B inactivation. <i>Cellular Signalling</i> , 2004, 16, 89-95.	3.6	61
8	Effects of vitamin C vs. multivitamin on melanogenesis: comparative study <i>in vitro</i> and <i>in vivo</i> . <i>International Journal of Dermatology</i> , 2010, 49, 218-226.	1.0	55
9	Ceramide Inhibits Cell Proliferation through Akt/PKB Inactivation and Decreases Melanin Synthesis in Mel-Ab Cells. <i>Pigment Cell & Melanoma Research</i> , 2001, 14, 110-115.	3.6	51
10	Hydrogen peroxide is a mediator of indole-3-acetic acid/horseradish peroxidase-induced apoptosis. <i>FEBS Letters</i> , 2006, 580, 1439-1446.	2.8	50
11	Long-term suppression of tyrosinase by terrein via tyrosinase degradation and its decreased expression. <i>Experimental Dermatology</i> , 2009, 18, 562-566.	2.9	41
12	ERK Activation by Fucoidan Leads to Inhibition of Melanogenesis in Mel-Ab Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 29.	1.2	31
13	Sphingosine-1-phosphate promotes mouse melanocyte survival via ERK and Akt activation. <i>Cellular Signalling</i> , 2003, 15, 919-926.	3.6	30
14	Protective effects of EGCG on UVB-induced damage in living skin equivalents. <i>Archives of Pharmacal Research</i> , 2005, 28, 784-790.	6.3	29
15	Light-Activated Indole-3-Acetic Acid Induces Apoptosis in G361 Human Melanoma Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 2404-2409.	1.4	28
16	Terrein inhibits keratinocyte proliferation via ERK inactivation and G2/M cell cycle arrest. <i>Experimental Dermatology</i> , 2008, 17, 312-317.	2.9	28
17	Leucine-rich glioma inactivated 3 associates with syntaxin 1. <i>Neuroscience Letters</i> , 2008, 444, 240-244.	2.1	27
18	Leucine-Rich Glioma Inactivated 3 Induces Neurite Outgrowth Through Akt and Focal Adhesion Kinase. <i>Neurochemical Research</i> , 2010, 35, 789-796.	3.3	27

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19	Baicalin-induced Akt activation decreases melanogenesis through downregulation of microphthalmia-associated transcription factor and tyrosinase. <i>European Journal of Pharmacology</i> , 2015, 761, 19-27.	3.5	27
20	Effects of lysophosphatidic acid on melanogenesis. <i>Chemistry and Physics of Lipids</i> , 2004, 127, 199-206.	3.2	26
21	Maresin 1 attenuates pro-inflammatory reactions and ER stress in HUVECs via PPAR δ -mediated pathway. <i>Molecular and Cellular Biochemistry</i> , 2018, 448, 335-347.	3.1	26
22	Temperature regulates melanin synthesis in melanocytes. <i>Archives of Pharmacal Research</i> , 2003, 26, 840-5.	6.3	24
23	Phosphatidylcholine induces apoptosis of 3T3-L1 adipocytes. <i>Journal of Biomedical Science</i> , 2011, 18, 91.	7.0	24
24	Sphingosine-1-phosphate-induced ERK activation protects human melanocytes from UVB-induced apoptosis. <i>Archives of Pharmacal Research</i> , 2003, 26, 739-746.	6.3	22
25	Insulin-like Growth Factor-1 Binding Protein Contributes to the Proliferation of Less Proliferative Cells in Forming Skin Equivalents. <i>Tissue Engineering - Part A</i> , 2009, 15, 1075-1080.	3.1	20
26	Leucine-rich glioma inactivated 3 promotes HaCaT keratinocyte migration. <i>Wound Repair and Regeneration</i> , 2013, 21, 634-640.	3.0	20
27	Heat treatment decreases melanin synthesis via protein phosphatase 2A inactivation. <i>Cellular Signalling</i> , 2005, 17, 1023-1031.	3.6	19
28	Ultraviolet B-induced LIG3 secretion protects human keratinocytes. <i>Experimental Dermatology</i> , 2012, 21, 716-718.	2.9	19
29	Sphingosylphosphorylcholine inhibits melanin synthesis via pertussis toxin-sensitive MITF degradation. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 181-187.	2.4	18
30	Dipeptides Inhibit Melanin Synthesis in Mel-Ab Cells through Down-Regulation of Tyrosinase. <i>Korean Journal of Physiology and Pharmacology</i> , 2012, 16, 287.	1.2	18
31	LIG3 promotes human keratinocyte differentiation via the Akt pathway. <i>Experimental Dermatology</i> , 2018, 27, 1224-1229.	2.9	17
32	Experimental Photodynamic Therapy for Liver Cancer Cell-Implanted Nude Mice by an Indole-3-acetic Acid and Intense Pulsed Light Combination. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1609-1613.	1.4	16
33	Involvement of mTOR signaling in sphingosylphosphorylcholine-induced hypopigmentation effects. <i>Journal of Biomedical Science</i> , 2011, 18, 55.	7.0	16
34	Inhibition of Melanogenesis by <i>Xanthium strumarium</i> L. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 767-771.	1.3	16
35	Hypopigmentary Effects of Ethyl <i>p</i> -Methoxycinnamate Isolated from <i>Kaempferia galanga</i> . <i>Phytotherapy Research</i> , 2014, 28, 274-279.	5.8	16
36	The regulatory mechanism of melanogenesis by FTY720, a sphingolipid analogue. <i>Experimental Dermatology</i> , 2011, 20, 237-241.	2.9	15

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37	Leucine-rich glioma inactivated 3 is a melanogenic cytokine in human skin. <i>Experimental Dermatology</i> , 2014, 23, 600-602.	2.9	15
38	PP2A and DUSP6 are involved in sphingosylphosphorylcholine-induced hypopigmentation. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 43-49.	3.1	13
39	Tumor apoptosis by indole-3-acetic acid/light in B16F10 melanoma-implanted nude mice. <i>Archives of Dermatological Research</i> , 2009, 301, 319-322.	1.9	12
40	Leucine-rich glioma inactivated 3 associates negatively with adiponectin. <i>Cytokine</i> , 2013, 62, 206-209.	3.2	12
41	Additive effects of heat and p38 mapk inhibitor treatment on melanin synthesis. <i>Archives of Pharmacal Research</i> , 2007, 30, 581-586.	6.3	11
42	Sphingosine-1-phosphate decreases melanin synthesis via microphthalmia-associated transcription factor phosphorylation through the S1P3 receptor subtype. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 409-416.	2.4	11
43	Effects of Cervi cornus Colla (deer antler glue) in the reconstruction of a skin equivalent model. <i>Archives of Dermatological Research</i> , 2013, 305, 85-89.	1.9	11
44	Geranylgeranylacetone inhibits melanin synthesis via ERK activation in Mel-Ab cells. <i>Life Sciences</i> , 2013, 93, 226-232.	4.3	11
45	KHG26792 Inhibits Melanin Synthesis in Mel-Ab Cells and a Skin Equivalent Model. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 249.	1.2	11
46	Laminin peptide YIGSR enhances epidermal development of skin equivalents. <i>Journal of Tissue Viability</i> , 2018, 27, 117-121.	2.0	11
47	Indole-3-Acetic Acid/Horseradish Peroxidase-Induced Apoptosis Involves Cell Surface CD95 (Fas/APO-1) Expression. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1625-1629.	1.4	10
48	Ceramide PC102 inhibits melanin synthesis via proteasomal degradation of microphthalmia-associated transcription factor and tyrosinase. <i>Molecular and Cellular Biochemistry</i> , 2012, 375, 81-7.	3.1	10
49	The hypopigmentary action of KI-063 (a new tyrosinase inhibitor) combined with terrein. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 343-348.	2.4	9
50	Photo-activated 5-hydroxyindole-3-acetic acid induces apoptosis of prostate and bladder cancer cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 103, 50-56.	3.8	9
51	Menadione (Vitamin K3) decreases melanin synthesis through ERK activation in Mel-Ab cells. <i>European Journal of Pharmacology</i> , 2013, 718, 299-304.	3.5	9
52	Leucine-rich glioma inactivated 3 and tumor necrosis factor- α regulate mutually through NF- κ B. <i>Cytokine</i> , 2015, 72, 220-223.	3.2	9
53	Hypopigmentary effects of 4-n-butylresorcinol and resveratrol in combination. <i>Die Pharmazie</i> , 2012, 67, 542-6.	0.5	9
54	Dual hypopigmentary effects of punicalagin via the ERK and Akt pathways. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 122-127.	5.6	8

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55	Okadaic Acid Suppresses Melanogenesis <i>via</i> Proteasomal Degradation of Tyrosinase. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1503-1508.	1.4	7
56	Geranylgeranylacetone induces apoptosis via the intrinsic pathway in human melanoma cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 15-19.	5.6	7
57	Leucine-rich glioma inactivated 3: Integrative analyses support its role in the cytokine network. <i>International Journal of Molecular Medicine</i> , 2017, 40, 251-259.	4.0	7
58	Leucine-rich glioma inactivated 3: Integrative analyses reveal its potential prognostic role in cancer. <i>Molecular Medicine Reports</i> , 2018, 17, 3993-4002.	2.4	7
59	Aqueous Extract of <i>Humulus japonicus</i> Attenuates Hyperlipidemia and Fatty Liver in Obese Mice. <i>Journal of Medicinal Food</i> , 2018, 21, 999-1008.	1.5	7
60	LGI3 is secreted and binds to ADAM22 via TRIF-dependent NF- κ B pathway in response to LPS in human keratinocytes. <i>Cytokine</i> , 2020, 126, 154872.	3.2	7
61	A derivative of 2-aminothiazole inhibits melanogenesis in B16 mouse melanoma cells via glycogen synthase kinase 3 β phosphorylation. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1031-1036.	2.4	6
62	Novel tri-peptides with hypopigmenting activity. <i>Journal of Dermatological Science</i> , 2012, 65, 68-69.	1.9	6
63	Leucine-rich glioma inactivated 3: integrative analyses support its prognostic role in glioma. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 2721-2728.	2.0	6
64	Enhanced effects of citrate on UVB-induced apoptosis of B16 melanoma cells. <i>Die Pharmazie</i> , 2009, 64, 829-33.	0.5	6
65	Lysophosphatidic acid inhibits melanocyte proliferation via cell cycle arrest. <i>Archives of Pharmacal Research</i> , 2003, 26, 1055-1060.	6.3	5
66	The Effects of Pigs' Feet Consumption on Lactation. <i>Ecology of Food and Nutrition</i> , 2013, 52, 223-238.	1.6	5
67	MMS 1001 inhibits melanin synthesis via ERK activation. <i>Die Pharmazie</i> , 2013, 68, 212-6.	0.5	4
68	Leucine rich repeat LGI family member 3: Integrative analyses reveal its prognostic association with non-small cell lung cancer. <i>Oncology Letters</i> , 2019, 18, 3388-3398.	1.8	3
69	The Suppressive Effect of Leucine-Rich Glioma Inactivated 3 (LGI3) Peptide on Impaired Skin Barrier Function in a Murine Model Atopic Dermatitis. <i>Pharmaceutics</i> , 2020, 12, 750.	4.5	3
70	AVS-1357 inhibits melanogenesis via prolonged ERK activation. <i>Die Pharmazie</i> , 2009, 64, 532-7.	0.5	3
71	Anti-inflammatory effects of DA-9601, an extract of <i>Artemisia asiatica</i> , on aceclofenac-induced acute enteritis. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 439-448.	1.2	2
72	UVB-irradiated indole-3-acetic acid induces apoptosis via caspase activation. <i>Turkish Journal of Biochemistry</i> , 2017, 42, 223-228.	0.5	0

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73	Assessment of Skin Toxicity Using Skin Equivalents Containing Cervi cornus Colla. Journal of the Society of Cosmetic Scientists of Korea, 2013, 39, 31-38.	0.2	0