List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sphingosine-1-phosphate decreases melanin synthesis via sustained ERK activation and subsequent MITF degradation. Journal of Cell Science, 2003, 116, 1699-1706.	2.0	187
2	Delayed ERK activation by ceramide reduces melanin synthesis in human melanocytes. Cellular Signalling, 2002, 14, 779-785.	3.6	145
3	Inhibitory Effects of 4-n-Butylresorcinol on Tyrosinase Activity and Melanin Synthesis. Biological and Pharmaceutical Bulletin, 2005, 28, 2216-2219.	1.4	102
4	(â^')-Epigallocatechin-3-gallate and hinokitiol reduce melanin synthesisvia decreased MITF production. Archives of Pharmacal Research, 2004, 27, 334-339.	6.3	85
5	Sphingosylphosphorylcholine-induced ERK activation inhibits melanin synthesis in human melanocytes. Pigment Cell & Melanoma Research, 2006, 19, 146-153.	3.6	72
6	Oxidation of indole-3-acetic acid by horseradish peroxidase induces apoptosis in G361 human melanoma cells. Cellular Signalling, 2004, 16, 81-88.	3.6	67
7	Sphingosine-1-phosphate inhibits human keratinocyte proliferation via Akt/protein kinase B inactivation. Cellular Signalling, 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> . International Journal of Dermatology, 2010, 49, 218-226.	1.0	55
9	Ceramide Inhibits Cell Proliferation through Akt/PKB Inactivation and Decreases Melanin Synthesis in Mel-Ab Cells. Pigment Cell & Melanoma Research, 2001, 14, 110-115.	3.6	51
10	Hydrogen peroxide is a mediator of indole-3-acetic acid/horseradish peroxidase-induced apoptosis. FEBS Letters, 2006, 580, 1439-1446.	2.8	50
11	Longâ€ŧerm suppression of tyrosinase by terrein via tyrosinase degradation and its decreased expression. Experimental Dermatology, 2009, 18, 562-566.	2.9	41
12	ERK Activation by Fucoidan Leads to Inhibition of Melanogenesis in Mel-Ab Cells. Korean Journal of Physiology and Pharmacology, 2015, 19, 29.	1.2	31
13	Sphingosine-1-phosphate promotes mouse melanocyte survival via ERK and Akt activation. Cellular Signalling, 2003, 15, 919-926.	3.6	30
14	Protective effects of EGCG on UVB-induced damage in living skin equivalents. Archives of Pharmacal Research, 2005, 28, 784-790.	6.3	29
15	Light-Activated Indole-3-Acetic Acid Induces Apoptosis in G361 Human Melanoma Cells. Biological and Pharmaceutical Bulletin, 2006, 29, 2404-2409.	1.4	28
16	Terrein inhibits keratinocyte proliferation via ERK inactivation and G2/Mcell cycle arrest. Experimental Dermatology, 2008, 17, 312-317.	2.9	28
17	Leucine-rich glioma inactivated 3 associates with syntaxin 1. Neuroscience Letters, 2008, 444, 240-244.	2.1	27
18	Leucine-Rich Glioma Inactivated 3 Induces Neurite Outgrowth Through Akt and Focal Adhesion Kinase. Neurochemical Research, 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. European Journal of Pharmacology, 2015, 761, 19-27.	3.5	27
20	Effects of lysophosphatidic acid on melanogenesis. Chemistry and Physics of Lipids, 2004, 127, 199-206.	3.2	26
21	Maresin 1 attenuates pro-inflammatory reactions and ER stress in HUVECs via PPARα-mediated pathway. Molecular and Cellular Biochemistry, 2018, 448, 335-347.	3.1	26
22	Temperature regulates melanin synthesis in melanocytes. Archives of Pharmacal Research, 2003, 26, 840-5.	6.3	24
23	Phosphatidylcholine induces apoptosis of 3T3-L1 adipocytes. Journal of Biomedical Science, 2011, 18, 91.	7.0	24
24	Sphingosine-1-phosphate-induced ERK activation protects human melanocytes from UVB-induced apoptosis. Archives of Pharmacal Research, 2003, 26, 739-746.	6.3	22
25	Insulin-like Growth Factor–Binding Protein Contributes to the Proliferation of Less Proliferative Cells in Forming Skin Equivalents. Tissue Engineering - Part A, 2009, 15, 1075-1080.	3.1	20
26	Leucineâ€rich glioma inactivated 3 promotes <scp>HaCaT</scp> keratinocyte migration. Wound Repair and Regeneration, 2013, 21, 634-640.	3.0	20
27	Heat treatment decreases melanin synthesis via protein phosphatase 2A inactivation. Cellular Signalling, 2005, 17, 1023-1031.	3.6	19
28	Ultraviolet <scp>B</scp> â€induced <scp>LGI</scp> 3 secretion protects human keratinocytes. Experimental Dermatology, 2012, 21, 716-718.	2.9	19
29	Sphingosylphosphorylcholine inhibits melanin synthesis via pertussis toxin-sensitive MITF degradation. Journal of Pharmacy and Pharmacology, 2010, 62, 181-187.	2.4	18
30	Dipeptides Inhibit Melanin Synthesis in Mel-Ab Cells through Down-Regulation of Tyrosinase. Korean Journal of Physiology and Pharmacology, 2012, 16, 287.	1.2	18
31	<scp>LGI</scp> 3 promotes human keratinocyte differentiation via the Akt pathway. Experimental Dermatology, 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. Biological and Pharmaceutical Bulletin, 2009, 32, 1609-1613.	1.4	16
33	Involvement of mTOR signaling in sphingosylphosphorylcholine-induced hypopigmentation effects. Journal of Biomedical Science, 2011, 18, 55.	7.0	16
34	Inhibition of Melanogenesis by <i>Xanthium strumarium</i> L. Bioscience, Biotechnology and Biochemistry, 2012, 76, 767-771.	1.3	16
35	Hypopigmentary Effects of Ethyl <i>P</i> â€Methoxycinnamate Isolated from <i>Kaempferia galanga</i> . Phytotherapy Research, 2014, 28, 274-279	5.8	16
36	The regulatory mechanism of melanogenesis by FTY720, a sphingolipid analogue. Experimental Dermatology, 2011, 20, 237-241.	2.9	15

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

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55	Okadaic Acid Suppresses Melanogenesis <i>via</i> Proteasomal Degradation of Tyrosinase. Biological and Pharmaceutical Bulletin, 2013, 36, 1503-1508.	1.4	7
56	Geranylgeranylacetone induces apoptosis via the intrinsic pathway in human melanoma cells. Biomedicine and Pharmacotherapy, 2016, 82, 15-19.	5.6	7
57	Leucine-rich glioma inactivated 3: Integrative analyses support its role in the cytokine network. International Journal of Molecular Medicine, 2017, 40, 251-259.	4.0	7
58	Leucine-rich glioma inactivated 3: Integrative analyses reveal its potential prognostic role in cancer. Molecular Medicine Reports, 2018, 17, 3993-4002.	2.4	7
59	Aqueous Extract of Humulus japonicus Attenuates Hyperlipidemia and Fatty Liver in Obese Mice. Journal of Medicinal Food, 2018, 21, 999-1008.	1.5	7
60	LGI3 is secreted and binds to ADAM22 via TRIF-dependent NF-κB pathway in response to LPS in human keratinocytes. Cytokine, 2020, 126, 154872.	3.2	7
61	A derivative of 2-aminothiazole inhibits melanogenesis in B16 mouse melanoma cells via glycogen synthase kinase 31² phosphorylation. Journal of Pharmacy and Pharmacology, 2011, 63, 1031-1036.	2.4	6
62	Novel tri-peptides with hypopigmenting activity. Journal of Dermatological Science, 2012, 65, 68-69.	1.9	6
63	Leucine-rich glioma inactivated 3: integrative analyses support its prognostic role in glioma. OncoTargets and Therapy, 2017, Volume 10, 2721-2728.	2.0	6
64	Enhanced effects of citrate on UVB-induced apoptosis of B16 melanoma cells. Die Pharmazie, 2009, 64, 829-33.	0.5	6
65	Lysophosphatidic acid inhibits melanocyte proliferationvia cell cycle arrest. Archives of Pharmacal Research, 2003, 26, 1055-1060.	6.3	5
66	The Effects of Pigs' Feet Consumption on Lactation. Ecology of Food and Nutrition, 2013, 52, 223-238.	1.6	5
67	MMS 1001 inhibits melanin synthesis via ERK activation. Die Pharmazie, 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. Oncology Letters, 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. Pharmaceutics, 2020, 12, 750.	4.5	3
70	AVS-1357 inhibits melanogenesis via prolonged ERK activation. Die Pharmazie, 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. Korean Journal of Physiology and Pharmacology, 2021, 25, 439-448.	1.2	2
72	UVB-irradiated indole-3-acetic acid induces apoptosis via caspase activation. Turkish Journal of Biochemistry, 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