

Moon-Moo Kim

List of Publications by Year in descending order

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48
papers

6,603
citations

331670

21
h-index

233421

45
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49
all docs

49
docs citations

49
times ranked

15552
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of emodin on melanogenesis through the modulation of ERK and MITF signaling pathway. <i>Natural Product Research</i> , 2022, 36, 1084-1088.	1.8	9
2	Monitoring of whitening agent for skin analysis using tyrosinase gold nanoparticle-based colorimetric assay. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2593.	1.5	2
3	Rapid and sensitive detection of melanin using glutathione conjugated gold nanocluster based fluorescence quenching assay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119086.	3.9	8
4	The inhibitory effect of <i>Agrimonia Pilosa</i> methanolic extract on matrix metalloproteinases in HT1080 cells. <i>Journal of Food Biochemistry</i> , 2021, 45, e13894.	2.9	8
5	The relationship between melanin production and lipofuscin formation in Tyrosinase gene knockout melanocytes using CRISPR/Cas9 system. <i>Life Sciences</i> , 2021, 284, 119915.	4.3	1
6	SIRT7 gene knockout using CRISPR/Cas9 system enhances melanin production in the melanoma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166219.	3.8	2
7	Spermidine promotes melanin production through an MITF signalling pathway. <i>Cell Biochemistry and Function</i> , 2021, 39, 536-545.	2.9	2
8	Effect of Lapachol on the Inhibition of Matrix Metalloproteinase Related to the Invasion of Human Fibrosarcoma Cells. <i>Current Molecular Pharmacology</i> , 2021, 14, 620-626.	1.5	1
9	The down-regulation of melanogenesis via MITF and FOXO1 signaling pathways in SIRT1 knockout cells using CRISPR/Cas9 system. <i>Journal of Biotechnology</i> , 2021, 342, 114-127.	3.8	0
10	Tomatidine inhibits cell invasion through the negative modulation of gelatinase and inactivation of p38 and ERK. <i>Chemico-Biological Interactions</i> , 2019, 313, 108826.	4.0	10
11	TP53 Tumor-suppressor Gene Plays a Key Role in IGF1 Signaling Pathway Related to the Aging of Human Melanocytes. <i>Anticancer Research</i> , 2019, 39, 2447-2451.	1.1	5
12	H2O2 promotes the aging process of melanogenesis through modulation of MITF and Nrf2. <i>Molecular Biology Reports</i> , 2019, 46, 2461-2471.	2.3	11
13	Amentoflavone Induces Autophagy and Modulates p53. <i>Cell Journal</i> , 2019, 21, 27-34.	0.2	14
14	IGFBP-3 plays an important role in senescence as an aging marker. <i>Environmental Toxicology and Pharmacology</i> , 2018, 59, 138-145.	4.0	18
15	Agmatine modulates melanogenesis via MITF signaling pathway. <i>Environmental Toxicology and Pharmacology</i> , 2017, 49, 124-130.	4.0	12
16	Pachymic acid promotes induction of autophagy related to IGF-1 signaling pathway in WI-38 cells. <i>Phytomedicine</i> , 2017, 36, 82-87.	5.3	13
17	Promotive Effect of Polygonum multiflorum radix Ethanol Extract on Melanogenesis. <i>Journal of Life Science</i> , 2017, 27, 423-429.	0.2	1
18	Effect of Agmatine Sulfate on Modulation of Matrix Metalloproteinases via PI3K/Akt-1 in HT1080 Cells. <i>Anticancer Research</i> , 2017, 37, 6303-6309.	1.1	2

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19	Fucofuroeckol-A from <i>Eisenia bicyclis</i> Inhibits Inflammation in Lipopolysaccharide-Induced Mouse Macrophages via Downregulation of the MAPK/NF- κ B Signaling Pathway. <i>Journal of Chemistry</i> , 2016, 2016, 1-9.	1.9	13
20	Inhibitory effect of aminoethyl-chitooligosaccharides on invasion of human fibrosarcoma cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 309-314.	4.0	13
21	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
22	Flavonoids in Ginkgo biloba fallen leaves induce apoptosis through modulation of p53 activation in melanoma cells. <i>Oncology Reports</i> , 2015, 33, 433-438.	2.6	12
23	Effect of β -asarone on angiogenesis and matrix metalloproteinase. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 1107-1114.	4.0	6
24	Scopoletin has a potential activity for anti-aging via autophagy in human lung fibroblasts. <i>Phytomedicine</i> , 2015, 22, 362-368.	5.3	28
25	β -Asarone Modulates Activity of Matrix Metalloproteinase as well as Antioxidant Activity. <i>Journal of Life Science</i> , 2015, 25, 1000-1006.	0.2	1
26	Activation of p53 by spermine mediates induction of autophagy in HT1080 cells. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 56-63.	7.5	21
27	Ursolic acid induces apoptosis of SW480 cells via p53 activation. <i>Food and Chemical Toxicology</i> , 2013, 62, 579-583.	3.6	26
28	Eugenol with antioxidant activity inhibits MMP-9 related to metastasis in human fibrosarcoma cells. <i>Food and Chemical Toxicology</i> , 2013, 55, 106-112.	3.6	100
29	Advanced adipose-derived stem cell protein extracts with antioxidant activity modulates matrix metalloproteinases in human dermal fibroblasts. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 263-271.	4.0	9
30	Resveratrol with antioxidant activity inhibits matrix metalloproteinase via modulation of SIRT1 in human fibrosarcoma cells. <i>Life Sciences</i> , 2011, 88, 465-472.	4.3	41
31	CYTOTOXIC ACTIVITIES OF PHLORETHOL AND FUCOPHLORETHOL DERIVATIVES ISOLATED FROM LAMINARIACEAE ECKLONIA CAVA. <i>Journal of Food Biochemistry</i> , 2011, 35, 357-369.	2.9	34
32	Effect of procyanidin oligomers on oxidative hair damage. <i>Skin Research and Technology</i> , 2011, 17, 108-118.	1.6	10
33	Effect of phloroglucinol on oxidative stress and inflammation. <i>Food and Chemical Toxicology</i> , 2010, 48, 2925-2933.	3.6	99
34	Effect of spongin derived from <i>Hymeniacidon sinapium</i> on bone mineralization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 90B, 540-546.	3.4	26
35	α -Glucosidase and α -amylase inhibitory activities of phloroglucinol derivatives from edible marine brown alga, <i>Ecklonia cava</i> . <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1552-1558.	3.5	139
36	Ishigoside, a new glyceroglycolipid isolated from the brown alga <i>Ishige okamurae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 20-26.	2.6	21

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37	Anti-inflammatory effect of <i>Ishige okamurae</i> ethanolic extract via inhibition of NF- κ B transcription factor in RAW 264.7 cells. <i>Phytotherapy Research</i> , 2009, 23, 628-634.	5.8	64
38	Chemical components and its antioxidant properties in vitro: An edible marine brown alga, <i>Ecklonia cava</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1963-1973.	3.0	325
39	Inhibitory Effect of Phlorotannins Isolated from <i>Ecklonia cava</i> on Mushroom Tyrosinase Activity and Melanin Formation in Mouse B16F10 Melanoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4124-4129.	5.2	149
40	Aminoethyl chitooligosaccharides inhibit the activity of angiotensin converting enzyme. <i>Process Biochemistry</i> , 2008, 43, 119-123.	3.7	61
41	Free radical and reactive oxygen species scavenging activities of the extracts from seahorse, <i>Hippocampus kuda</i> Bleeler. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 705-715.	2.6	32
42	<i>Laurencia okamurai</i> Extract Containing Laurinterol Induces Apoptosis in Melanoma Cells. <i>Journal of Medicinal Food</i> , 2008, 11, 260-266.	1.5	24
43	An in vitro cellular analysis of the radical scavenging efficacy of chitooligosaccharides. <i>Life Sciences</i> , 2007, 80, 2118-2127.	4.3	115
44	Carboxylated chitooligosaccharides (CCOS) inhibit MMP-9 expression in human fibrosarcoma cells via down-regulation of AP-1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1780-1788.	2.4	36
45	Phlorotannins in <i>Ecklonia cava</i> extract inhibit matrix metalloproteinase activity. <i>Life Sciences</i> , 2006, 79, 1436-1443.	4.3	192
46	Inhibitory effect of procyanidin oligomer from elm cortex on the matrix metalloproteinases and proteases of periodontopathogens. <i>Journal of Periodontal Research</i> , 2003, 38, 282-289.	2.7	30
47	Inhibitory Effect of Selenite on Invasion of HT1080 Tumor Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 20085-20092.	3.4	155
48	<i>Portulaca oleracea</i> methanol extract inhibits MMP-9 via the inactivation of ERK and JNK in human fibrosarcoma cells. <i>Journal of Food Processing and Preservation</i> , 0, , .	2.0	0