

# Moon-Moo Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/424656/publications.pdf>

Version: 2024-02-01

48  
papers

6,603  
citations

331670

21  
h-index

233421

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

15552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	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
3	Phlorotannins in <i>Ecklonia cava</i> extract inhibit matrix metalloproteinase activity. <i>Life Sciences</i> , 2006, 79, 1436-1443.	4.3	192
4	Inhibitory Effect of Selenite on Invasion of HT1080 Tumor Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 20085-20092.	3.4	155
5	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
6	Glucosidase and Amylase inhibitory activities of phloroglucinal 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
7	An in vitro cellular analysis of the radical scavenging efficacy of chitooligosaccharides. <i>Life Sciences</i> , 2007, 80, 2118-2127.	4.3	115
8	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
9	Effect of phloroglucinol on oxidative stress and inflammation. <i>Food and Chemical Toxicology</i> , 2010, 48, 2925-2933.	3.6	99
10	Anti-inflammatory effect of <i>Ishige okamurae</i> ethanolic extract via inhibition of NF- $\kappa$ B transcription factor in RAW 264.7 cells. <i>Phytotherapy Research</i> , 2009, 23, 628-634.	5.8	64
11	Aminoethyl chitooligosaccharides inhibit the activity of angiotensin converting enzyme. <i>Process Biochemistry</i> , 2008, 43, 119-123.	3.7	61
12	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
13	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
14	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
15	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
16	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
17	Scopoletin has a potential activity for anti-aging via autophagy in human lung fibroblasts. <i>Phytomedicine</i> , 2015, 22, 362-368.	5.3	28
18	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

#	ARTICLE	IF	CITATIONS
19	Ursolic acid induces apoptosis of SW480 cells via p53 activation. Food and Chemical Toxicology, 2013, 62, 579-583.	3.6	26
20	Laurencia okamurai Extract Containing Laurinterol Induces Apoptosis in Melanoma Cells. Journal of Medicinal Food, 2008, 11, 260-266.	1.5	24
21	Ishigoside, a new glyceroglycolipid isolated from the brown alga Ishige okamurae. Biotechnology and Bioprocess Engineering, 2009, 14, 20-26.	2.6	21
22	Activation of p53 by spermine mediates induction of autophagy in HT1080 cells. International Journal of Biological Macromolecules, 2014, 63, 56-63.	7.5	21
23	IGFBP-3 plays an important role in senescence as an aging marker. Environmental Toxicology and Pharmacology, 2018, 59, 138-145.	4.0	18
24	Amentoflavone Induces Autophagy and Modulates p53. Cell Journal, 2019, 21, 27-34.	0.2	14
25	Fucofuroeckol-A from Eisenia bicyclis Inhibits Inflammation in Lipopolysaccharide-Induced Mouse Macrophages via Downregulation of the MAPK/NF- $\kappa$ B Signaling Pathway. Journal of Chemistry, 2016, 2016, 1-9.	1.9	13
26	Inhibitory effect of aminoethyl-chitooligosaccharides on invasion of human fibrosarcoma cells. Environmental Toxicology and Pharmacology, 2016, 45, 309-314.	4.0	13
27	Pachymic acid promotes induction of autophagy related to IGF-1 signaling pathway in WI-38 cells. Phytomedicine, 2017, 36, 82-87.	5.3	13
28	Flavonoids in Ginkgo biloba fallen leaves induce apoptosis through modulation of p53 activation in melanoma cells. Oncology Reports, 2015, 33, 433-438.	2.6	12
29	Agmatine modulates melanogenesis via MITF signaling pathway. Environmental Toxicology and Pharmacology, 2017, 49, 124-130.	4.0	12
30	H2O2 promotes the aging process of melanogenesis through modulation of MITF and Nrf2. Molecular Biology Reports, 2019, 46, 2461-2471.	2.3	11
31	Effect of procyanidin oligomers on oxidative hair damage. Skin Research and Technology, 2011, 17, 108-118.	1.6	10
32	Tomatidine inhibits cell invasion through the negative modulation of gelatinase and inactivation of p38 and ERK. Chemico-Biological Interactions, 2019, 313, 108826.	4.0	10
33	Advanced adipose-derived stem cell protein extracts with antioxidant activity modulates matrix metalloproteinases in human dermal fibroblasts. Environmental Toxicology and Pharmacology, 2012, 34, 263-271.	4.0	9
34	The effect of emodin on melanogenesis through the modulation of ERK and MITF signaling pathway. Natural Product Research, 2022, 36, 1084-1088.	1.8	9
35	Rapid and sensitive detection of melanin using glutathione conjugated gold nanocluster based fluorescence quenching assay. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119086.	3.9	8
36	The inhibitory effect of Agrimonia Pilosa methanolic extract on matrix metalloproteinases in HT1080 cells. Journal of Food Biochemistry, 2021, 45, e13894.	2.9	8

#	ARTICLE	IF	CITATIONS
37	Effect of Î±-asarone on angiogenesis and matrix metalloproteinase. Environmental Toxicology and Pharmacology, 2015, 39, 1107-1114.	4.0	6
38	<i>TP53</i> Tumor-suppressor Gene Plays a Key Role in IGF1 Signaling Pathway Related to the Aging of Human Melanocytes. Anticancer Research, 2019, 39, 2447-2451.	1.1	5
39	Monitoring of whitening agent for skin analysis using tyrosinase gold nanoparticleâ€based colorimetric assay. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2593.	1.5	2
40	SIRT7 gene knockout using CRISPR/Cas9 system enhances melanin production in the melanoma cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166219.	3.8	2
41	Spermidine promotes melanin production through an <sc>MITF</sc> signalling pathway. Cell Biochemistry and Function, 2021, 39, 536-545.	2.9	2
42	Effect of Agmatine Sulfate on Modulation of Matrix Metalloproteinases via PI3K/Akt-1 in HT1080 Cells. Anticancer Research, 2017, 37, 6303-6309.	1.1	2
43	The relationship between melanin production and lipofuscin formation in Tyrosinase gene knockout melanocytes using CRISPR/Cas9 system. Life Sciences, 2021, 284, 119915.	4.3	1
44	Promotive Effect of Polygonum multiflorum radix Ethanol Extract on Melanogenesis. Journal of Life Science, 2017, 27, 423-429.	0.2	1
45	Effect of Lapachol on the Inhibition of Matrix Metalloproteinase Related to the Invasion of Human Fibrosarcoma Cells. Current Molecular Pharmacology, 2021, 14, 620-626.	1.5	1
46	Î±-Asarone Modulates Activity of Matrix Metalloproteinase as well as Antioxidant Activity. Journal of Life Science, 2015, 25, 1000-1006.	0.2	1
47	The down-regulation of melanogenesis via MITF and FOXO1 signaling pathways in SIRT1 knockout cells using CRISPR/Cas9 system. Journal of Biotechnology, 2021, 342, 114-127.	3.8	0
48	<i>Portulaca oleracea</i> methanol extract inhibits <sc>MMP</sc> â€9 via the inactivation of <sc>ERK</sc> and <sc>JNK</sc> in human fibrosarcoma cells. Journal of Food Processing and Preservation, 0, , .	2.0	0