

# Moonjae Cho

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

630  
citations

623734

14  
h-index

677142

22  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1077  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockade of four-transmembrane L6 family member 5 (TM4SF5)-mediated tumorigenicity in hepatocytes by a synthetic chalcone derivative. <i>Hepatology</i> , 2009, 49, 1316-1325.	7.3	59
2	Pepsin-solubilised collagen (PSC) from Red Sea cucumber ( <i>Stichopus japonicus</i> ) regulates cell cycle and the fibronectin synthesis in HaCaT cell migration. <i>Food Chemistry</i> , 2012, 132, 487-492.	8.2	42
3	Activation of NADPH oxidase subunit NCF4 induces ROS-mediated EMT signaling in HeLa cells. <i>Cellular Signalling</i> , 2014, 26, 784-796.	3.6	40
4	TMF and glycitin act synergistically on keratinocytes and fibroblasts to promote wound healing and anti-scarring activity. <i>Experimental and Molecular Medicine</i> , 2017, 49, e302-e302.	7.7	36
5	Dietary intervention using (1,3)/(1,6)- $\beta$ -glucan, a fungus-derived soluble prebiotic ameliorates high-fat diet-induced metabolic distress and alters beneficially the gut microbiota in mice model. <i>European Journal of Nutrition</i> , 2020, 59, 2617-2629.	3.9	32
6	$\beta$ -Glucan-Based Wet Dressing for Cutaneous Wound Healing. <i>Advances in Wound Care</i> , 2019, 8, 125-135.	5.1	29
7	The wound healing effect of four types of beta-glucan. <i>Applied Biological Chemistry</i> , 2019, 62, .	1.9	28
8	Camphor Induces Proliferative and Anti-senescence Activities in Human Primary Dermal Fibroblasts and Inhibits UV-Induced Wrinkle Formation in Mouse Skin. <i>Phytotherapy Research</i> , 2015, 29, 1917-1925.	5.8	25
9	Soy Isoflavone Glycitin (4'-Hydroxy-6-Methoxyisoflavone-7-D-Glucoside) Promotes Human Dermal Fibroblast Cell Proliferation and Migration via TGF- $\beta$ Signaling. <i>Phytotherapy Research</i> , 2015, 29, 757-769.	5.8	24
10	Cellular senescence and EMT crosstalk in bleomycin-induced pathogenesis of pulmonary fibrosis: an in vitro analysis. <i>Cell Biology International</i> , 2020, 44, 477-487.	3.0	19
11	Effects of $\beta$ -glucan, probiotics, and synbiotics on obesity-associated colitis and hepatic manifestations in C57BL/6J mice. <i>European Journal of Nutrition</i> , 2022, 61, 793-807.	3.9	19
12	Flavonoids promoting HaCaT migration: II. Molecular mechanism of 4,6,7-trimethoxyisoflavone via NOX2 activation. <i>Phytomedicine</i> , 2014, 21, 570-577.	5.3	16
13	A Novel Synthetic Material, BMM, Accelerates Wound Repair by Stimulating Re-Epithelialization and Fibroblast Activation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1164.	4.1	15
14	Cyr61 synthesis is induced by interleukin-6 and promotes migration and invasion of fibroblast-like synoviocytes in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 275.	3.5	15
15	A synthetic isoflavone, DCMF, promotes human keratinocyte migration by activating Src/FAK signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 332-338.	2.1	13
16	Proteasome inhibition causes epithelial-mesenchymal transition upon TM4SF5 expression. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 782-792.	2.6	12
17	Anti-inflammatory and anti-allergic activities of sea cucumber ( <i>Stichopus japonicus</i> ) extract. <i>Food Science and Biotechnology</i> , 2013, 22, 1661-1666.	2.6	12
18	Mechanism of 2,3-dimethoxyflavanone-induced apoptosis in breast cancer stem cells: Role of ubiquitination of caspase-8 and LC3. <i>Archives of Biochemistry and Biophysics</i> , 2014, 562, 92-102.	3.0	11

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19	Synbiotic supplementation with prebiotic <i>Schizophyllum commune</i> derived $\beta$ -(1,3/1,6)-glucan and probiotic concoction benefits gut microbiota and its associated metabolic activities. <i>Applied Biological Chemistry</i> , 2021, 64, .	1.9	11
20	The protective effect of glycerin on UV-induced skin photoaging in human primary dermal fibroblast. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2014, 57, 463-468.	0.9	10
21	Role of NADPH oxidase and its therapeutic intervention in TGF- $\beta$ -mediated EMT progression: an in vitro analysis on HeLa cervical cancer cells. <i>Applied Biological Chemistry</i> , 2020, 63, .	1.9	10
22	<i>Schizophyllum commune</i> -derived $\beta$ -glucan improves intestinal health demonstrating protective effects against constipation and common metabolic disorders. <i>Applied Biological Chemistry</i> , 2022, 65, .	1.9	10
23	Effects of the Novel Compound DK223 ([1E,2E-1,2-Bis(6-methoxy-2H-chromen-3-yl)methylene]hydrazine) on Migration and Proliferation of Human Keratinocytes and Primary Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2014, 15, 13091-13110.	4.1	9
24	Novel naphthochalcone derivative accelerate dermal wound healing through induction of epithelial-mesenchymal transition of keratinocyte. <i>Journal of Biomedical Science</i> , 2015, 22, 47.	7.0	9
25	Effects of enzymatic hydrolysate from seahorse <i>Hippocampus abdominalis</i> on testosterone secretion from TM3 Leydig cells and in male mice. <i>Applied Biological Chemistry</i> , 2016, 59, 869-879.	1.9	9
26	TM4SF5-mediated CD44v8-10 splicing variant promotes survival of type II alveolar epithelial cells during idiopathic pulmonary fibrosis. <i>Cell Death and Disease</i> , 2019, 10, 645.	6.3	9
27	Enzymatic Hydrolysates of <i>Hippocampus abdominalis</i> Regulates the Skeletal Muscle Growth in C2C12 Cells and Zebrafish Model. <i>Journal of Aquatic Food Product Technology</i> , 2019, 28, 264-274.	1.4	9
28	Bigbelly seahorse ( <i>Hippocampus abdominalis</i> )-derived peptides enhance skeletal muscle differentiation and endurance performance via activated P38MAPK/AKT signalling pathway: An in vitro and in vivo analysis. <i>Journal of Functional Foods</i> , 2019, 52, 147-155.	3.4	9
29	Redox Regulation of NOX Isoforms on FAK(Y397)/SRC(Y416) Phosphorylation Driven Epithelial-to-Mesenchymal Transition in Malignant Cervical Epithelial Cells. <i>Cells</i> , 2020, 9, 1555.	4.1	9
30	$\beta$ -glucan, "the knight of health sector" critical insights on physiochemical heterogeneities, action mechanisms and health implications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 6908-6931.	10.3	9
31	Flavonoids promoting HaCaT migration: I. Hologram quantitative structure-activity relationships. <i>Phytomedicine</i> , 2014, 21, 560-569.	5.3	8
32	Cytoplasm-localized SIRT1 downregulation attenuates apoptosis and cell cycle arrest in cisplatin-resistant lung cancer A549 cells. <i>Journal of Cancer</i> , 2020, 11, 4495-4509.	2.5	7
33	Biological effects of various solvent fractions derived from Jeju Island red sea cucumber ( <i>Stichopus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	6
34	SIRT-1 regulates TGF- $\beta$ -induced dermal fibroblast migration via modulation of Cyr61 expression. <i>Connective Tissue Research</i> , 2017, 59, 1-10.	2.3	6
35	Anti-viral activity of blue chanterelle ( <i>Polyozellus multiplex</i> ) that inhibits $\beta$ -glucosidase. <i>Food Science and Biotechnology</i> , 2013, 22, 747-750.	2.6	5
36	Effects of sea horse ( <i>Hippocampus abdominalis</i> )-derived protein hydrolysate on skeletal muscle development. <i>Journal of Applied Biological Chemistry</i> , 2017, 60, 373-381.	0.4	5

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37	Synthesis and optimization of immunomodulating hydrogel for biomedical application. Journal of Applied Biological Chemistry, 2018, 61, 351-355.	0.4	5
38	Effect of mushroom ( <i>Schizophyllum</i> spp.) derived $\beta$ -glucan on low-fiber diet induced gut dysbiosis. Journal of Applied Biological Chemistry, 2019, 62, 211-217.	0.4	5
39	TGF- $\beta$ 2 secreted from activated hepatic stellate cells may induce the transdifferentiation of hepatocytes into hepatocarcinoma in HBx-expressing livers. Journal of the Korean Society for Applied Biological Chemistry, 2014, 57, 529-538.	0.9	4
40	A natural mutation of the hepatitis B virus X gene affects cell cycle progression and apoptosis in Huh7 cells. Journal of the Korean Society for Applied Biological Chemistry, 2012, 55, 229-236.	0.9	3
41	Cloning of the <i>Xanthomonas campestris</i> pv <i>glycines</i> 8ra gene for glycinecin A secretion. World Journal of Microbiology and Biotechnology, 2004, 20, 99-103.	3.6	2
42	Separation of glycine-rich proteins from sea hare eggs and their anti-cancer activity against U937 leukemia cell line. EXCLI Journal, 2016, 15, 329-42.	0.7	2
43	The hepatitis B virus X protein induced fibrosis in Huh7 cells. Journal of Applied Biological Chemistry, 2016, 59, 25-29.	0.4	1
44	Hepatoprotective effect of <i>Hippocampus abdominalis</i> hydrolysate. Journal of Applied Biological Chemistry, 2016, 59, 265-271.	0.4	1
45	Proteasome down-regulation is partly mediated by Slug/Snail2 in hepatocarcinoma cells. Journal of the Korean Society for Applied Biological Chemistry, 2013, 56, 157-163.	0.9	0
46	New polymorphic microsatellite markers derived from hemocyte cDNA library of Manila clam <i>Ruditapes philippinarum</i> challenged by the protozoan parasite <i>Perkinsus olseni</i> . Ocean Science Journal, 2017, 52, 139-146.	1.3	0
47	Purification and Characterization of Vitellin from the Egg of the Suminoe Oyster <i>Crassostrea ariakensis</i> and Cross-Reactivity of Anti-vitellin Antibody with Other Marine Invertebrate Egg Proteins. Protein Journal, 2018, 37, 82-92.	1.6	0
48	Enhancement of filtration efficacy for particulate matters using $\beta$ -glucan coated commercial masks. Journal of Applied Biological Chemistry, 2021, 64, 1-4.	0.4	0