Young-Ok Son

List of Publications by Year
in descending order

106 papers	5,065 citations	71102 41 h-index	102487 66 g-index
109 all docs	109 docs citations	109 times ranked	7871 citing authors

#	Article	IF	Citations
1	Bacillus-supplemented diet improves growth performance in Jeju native pigs by modulating myogenesis and adipogenesis. Animal Biotechnology, 2023, 34, 1763-1775.	1.5	1
2	Therapeutic Single Compounds for Osteoarthritis Treatment. Pharmaceuticals, 2021, 14, 131.	3.8	13
3	Natural Plant Extracts and Compounds for Rheumatoid Arthritis Therapy. Medicina (Lithuania), 2021, 57, 266.	2.0	15
4	Next-Generation Bioinformatics Approaches and Resources for Coronavirus Vaccine Discovery and Developmentâ€"A Perspective Review. Vaccines, 2021, 9, 812.	4.4	15
5	Inhibitory Effects of IL-6-Mediated Matrix Metalloproteinase-3 and -13 by Achyranthes japonica Nakai Root in Osteoarthritis and Rheumatoid Arthritis Mice Models. Pharmaceuticals, 2021, 14, 776.	3.8	9
6	Multi-Probiotic Lactobacillus Supplementation Improves Liver Function and Reduces Cholesterol Levels in Jeju Native Pigs. Animals, 2021, 11, 2309.	2.3	5
7	Development of a Conserved Chimeric Vaccine for Induction of Strong Immune Response against Staphylococcus aureus Using Immunoinformatics Approaches. Vaccines, 2021, 9, 1038.	4.4	25
8	GSK5182, 4-Hydroxytamoxifen Analog, a New Potential Therapeutic Drug for Osteoarthritis. Pharmaceuticals, 2020, 13, 429.	3.8	5
9	Molecular Mechanisms of Nickel-Induced Carcinogenesis. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 1015-1023.	1.2	14
10	A Phenolic Acid and Flavonoid Fraction Isolated from Lolium multiflorum Lam. Prevents d-Galactosamine-Induced Liver Damages through the Augmentation of Nrf2 Expression. Indian Journal of Clinical Biochemistry, 2019, 34, 68-75.	1.9	2
11	The CH25Hâ€"CYP7B1â€"RORÎ± axis of cholesterol metabolism regulates osteoarthritis. Nature, 2019, 566, 254-258.	27.8	172
12	Critical role for arginase II in osteoarthritis pathogenesis. Annals of the Rheumatic Diseases, 2019, 78, 421-428.	0.9	28
13	RNA-binding protein ZFP36L1 regulates osteoarthritis by modulating members of the heat shock protein 70 family. Nature Communications, 2019, 10, 77.	12.8	53
14	Glycoproteins isolated from Atractylodes macrocephala Koidz improve protective immune response induction in a mouse model. Food Science and Biotechnology, 2018, 27, 1823-1831.	2.6	4
15	BATF regulates collagen-induced arthritis by regulating T helper cell differentiation. Arthritis Research and Therapy, 2018, 20, 161.	3.5	12
16	Roles of ROS, Nrf2, and autophagy in cadmium-carcinogenesis and its prevention by sulforaphane. Toxicology and Applied Pharmacology, 2018, 353, 23-30.	2.8	98
17	Estrogen-related receptor Î³ is a novel catabolic regulator of osteoarthritis pathogenesis. BMB Reports, 2018, 51, 165-166.	2.4	14
18	Protection from Cr(VI)-induced malignant cell transformation and tumorigenesis of Cr(VI)-transformed cells by luteolin through Nrf2 signaling. Toxicology and Applied Pharmacology, 2017, 331, 24-32.	2.8	25

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19	Nuclear factor erythroid 2-related factor 2 enhances carcinogenesis by suppressing apoptosis and promoting autophagy in nickel-transformed cells. Journal of Biological Chemistry, 2017, 292, 8315-8330.	3.4	20
20	Antioxidant, anti-inflammatory and anti-septic potential of phenolic acids and flavonoid fractions isolated from Lolium multiflorum. Pharmaceutical Biology, 2017, 55, 611-619.	2.9	41
21	Glycoproteins and Polysaccharides are the Main Class of Active Constituents Required for Lymphocyte Stimulation and Antigen-Specific Immune Response Induction by Traditional Medicinal Herbal Plants. Journal of Medicinal Food, 2017, 20, 1011-1021.	1.5	20
22	Estrogen-related receptor Î³ causes osteoarthritis by upregulating extracellular matrix-degrading enzymes. Nature Communications, 2017, 8, 2133.	12.8	57
23	Quercetin inhibits Cr(VI)-induced malignant cell transformation by targeting miR-21-PDCD4 signaling pathway. Oncotarget, 2017, 8, 52118-52131.	1.8	60
24	Hexavalent chromium induces malignant transformation of human lung bronchial epithelial cells via ROS-dependent activation of miR-21-PDCD4 signaling. Oncotarget, 2016, 7, 51193-51210.	1.8	43
25	Activation of Epidermal Growth Factor Receptor/p38/Hypoxia-inducible Factor-1Î± Is Pivotal for Angiogenesis and Tumorigenesis of Malignantly Transformed Cells Induced by Hexavalent Chromium. Journal of Biological Chemistry, 2016, 291, 16271-16281.	3.4	36
26	Cancer Stem-Like Cells Accumulated in Nickel-Induced Malignant Transformation. Toxicological Sciences, 2016, 151, 376-387.	3.1	15
27	Phytochemicals in Cancer Prevention and Therapy. BioMed Research International, 2015, 2015, 1-2.	1.9	22
28	Blackberry extract inhibits UVB-induced oxidative damage and inflammation through MAP kinases and NF-ÎºB signaling pathways in SKH-1 mice skin. Toxicology and Applied Pharmacology, 2015, 284, 92-99.	2.8	66
29	Role of reactive oxygen species in arsenic-induced transformation of human lung bronchial epithelial (BEAS-2B) cells. Biochemical and Biophysical Research Communications, 2015, 456, 643-648.	2.1	56
30	Constitutive Activation of Epidermal Growth Factor Receptor Promotes Tumorigenesis of Cr(VI)-transformed Cells through Decreased Reactive Oxygen Species and Apoptosis Resistance Development. Journal of Biological Chemistry, 2015, 290, 2213-2224.	3.4	43
31	Arsenic Induces Insulin Resistance in Mouse Adipocytes and Myotubes Via Oxidative Stress-Regulated Mitochondrial Sirt3-FOXO3a Signaling Pathway. Toxicological Sciences, 2015, 146, 290-300.	3.1	79
32	Ethanol enhances arsenic-induced cyclooxygenase-2 expression via both NFAT and NF-ÎºB signalings in colorectal cancer cells. Toxicology and Applied Pharmacology, 2015, 288, 232-239.	2.8	13
33	Antioncogenic and Oncogenic Properties of Nrf2 in Arsenic-induced Carcinogenesis. Journal of Biological Chemistry, 2015, 290, 27090-27100.	3.4	28
34	Nrf2/p62 Signaling in Apoptosis Resistance and Its Role in Cadmium-induced Carcinogenesis. Journal of Biological Chemistry, 2014, 289, 28660-28675.	3.4	73
35	Luteolin inhibits Cr(VI)-induced malignant cell transformation of human lung epithelial cells by targeting ROS mediated multiple cell signaling pathways. Toxicology and Applied Pharmacology, 2014, 281, 230-241.	2.8	87
36	Cyanidin-3-glucoside inhibits UVB-induced oxidative damage and inflammation by regulating MAP kinase and NF-ÎºB signaling pathways in SKH-1 hairless mice skin. Toxicology and Applied Pharmacology, 2014, 280, 127-137.	2.8	76

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37	Reactive oxygen species mediate Cr(VI)-induced carcinogenesis through PI3K/AKT-dependent activation of GSK-3Î²/Î²-catenin signaling. Toxicology and Applied Pharmacology, 2013, 271, 239-248.	2.8	36
38	Quercitrin protects skin from UVB-induced oxidative damage. Toxicology and Applied Pharmacology, 2013, 269, 89-99.	2.8	124
39	Methanol extract of the aerial parts of barley (Hordeum vulgare) suppresses lipopolysaccharide-induced inflammatory responsesin vitroandin vivo. Pharmaceutical Biology, 2013, 51, 1066-1076.	2.9	19
40	Nasal immunization with major epitope-containing ApxIIA toxin fragment induces protective immunity against challenge infection with Actinobacillus pleuropneumoniae in a murine model. Veterinary Immunology and Immunopathology, 2013, 151, 102-112.	1.2	24
41	Cellular mechanisms of the cytotoxic effects of the zearalenone metabolites Î±-zearalenol and Î²-zearalenol on RAW264.7 macrophages. Toxicology in Vitro, 2013, 27, 1007-1017.	2.4	38
42	Apigenin suppresses migration and invasion of transformed cells through down-regulation of C-X-C chemokine receptor 4 expression. Toxicology and Applied Pharmacology, 2013, 272, 108-116.	2.8	16
43	Anti-oxidant and anti-inflammatory properties of methanol extracts from various crops. Food Science and Biotechnology, 2013, 22, 265-272.	2.6	19
44	Cancer Prevention with Promising Natural Products: Mechanisms of Action and Molecular Targets. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 1159-1184.	1.7	136
45	Continuous presence of H2O2 induces mitochondrial-mediated, MAPK- and caspase-independent growth inhibition and cytotoxicity in human gingival fibroblasts. Toxicology in Vitro, 2012, 26, 561-570.	2.4	23
46	Oxidative stress and metal carcinogenesis. Free Radical Biology and Medicine, 2012, 53, 742-757.	2.9	223
47	Cadmium induces carcinogenesis in BEAS-2B cells through ROS-dependent activation of PI3K/AKT/GSK-3Î²/Î²-catenin signaling. Toxicology and Applied Pharmacology, 2012, 264, 153-160.	2.8	114
48	Luteolin Inhibits Human Prostate Tumor Growth by Suppressing Vascular Endothelial Growth Factor Receptor 2-Mediated Angiogenesis. PLoS ONE, 2012, 7, e52279.	2.5	90
49	Quercetin Inhibits Angiogenesis Mediated Human Prostate Tumor Growth by Targeting VEGFR- 2 Regulated AKT/mTOR/P70S6K Signaling Pathways. PLoS ONE, 2012, 7, e47516.	2.5	219
50	Apigenin Induces Apoptosis in Human Leukemia Cells and Exhibits Anti-Leukemic Activity In Vivo. Molecular Cancer Therapeutics, 2012, 11, 132-142.	4.1	85
51	Sodium fluoride induces apoptosis in mouse embryonic stem cells through ROS-dependent and caspase- and JNK-mediated pathways. Toxicology and Applied Pharmacology, 2012, 259, 329-337.	2.8	60
52	Cardioprotective effect of total paeony glycosides against isoprenaline-induced myocardial ischemia in rats. Phytomedicine, 2012, 19, 672-676.	5.3	37
53	Continuously generated H₂O₂stimulates the proliferation and osteoblastic differentiation of human periodontal ligament fibroblasts. Journal of Cellular Biochemistry, 2012, 113, 1426-1436.	2.6	38
54	The Effects of Rosiglitazone on Osteoblastic Differentiation, Osteoclast Formation and Bone Resorption. Molecules and Cells, 2012, 33, 173-182.	2.6	31

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55	Reactive Oxygen Species Mediate Cr(VI)-induced S Phase Arrest Through p53 in Human Colon Cancer Cells. Journal of Environmental Pathology, Toxicology and Oncology, 2012, 31, 95-107.	1.2	15
56	Mycotoxin zearalenone induces AIF- and ROS-mediated cell death through p53- and MAPK-dependent signaling pathways in RAW264.7 macrophages. Toxicology in Vitro, 2011, 25, 1654-1663.	2.4	91
57	Acteoside inhibits melanogenesis in B16F10 cells through ERK activation and tyrosinase down-regulation. Journal of Pharmacy and Pharmacology, 2011, 63, 1309-1319.	2.4	49
58	Activation of Akt/GSK3Î² and Akt/Bcl-2 signaling pathways in nickel-transformed BEAS-2B cells. International Journal of Oncology, 2011, 39, 1285-94.	3.3	24
59	Nickel-induced down-regulation of Î”Np63 and its role in the proliferation of keratinocytes. Toxicology and Applied Pharmacology, 2011, 253, 235-243.	2.8	6
60	Cadmium induces autophagy through ROS-dependent activation of the LKB1â€“AMPK signaling in skin epidermal cells. Toxicology and Applied Pharmacology, 2011, 255, 287-296.	2.8	119
61	Reactive oxygen species mediate arsenic induced cell transformation and tumorigenesis through Wnt/Î²-catenin pathway in human colorectal adenocarcinoma DLD1 cells. Toxicology and Applied Pharmacology, 2011, 256, 114-121.	2.8	53
62	The mouse small ubiquitin-like modifier-2 (SUMO-2) inhibits interleukin-12 (IL-12) production in mature dendritic cells by blocking the translocation of the p65 subunit of NFÎºB into the nucleus. Molecular Immunology, 2011, 48, 2189-2197.	2.2	22
63	Streptococcus mutans GS-5 antigen I/II stimulates cell survival in serum deprived-cultures through PI3K/Akt pathways. Journal of Cellular Biochemistry, 2011, 113, n/a-n/a.	2.6	3
64	NADPH Oxidase Activation Is Required in Reactive Oxygen Species Generation and Cell Transformation Induced by Hexavalent Chromium. Toxicological Sciences, 2011, 123, 399-410.	3.1	92
65	Ascorbic acid increases the activity and synthesis of tyrosinase in B16F10 cells through activation of p38 mitogen-activated protein kinase. Archives of Dermatological Research, 2011, 303, 669-678.	1.9	22
66	Catechin-7-O-Î²-d-glucopyranoside scavenges free radicals and protects human B lymphoma BJAB cells on H2O2-mediated oxidative stress. Food Science and Biotechnology, 2011, 20, 151-158.	2.6	8
67	Quercetin Inhibits Î±â€MSHâ€stimulated Melanogenesis in B16F10 Melanoma Cells. Phytotherapy Research, 2011, 25, 1166-1173.	5.8	50
68	The Dual Roles of c-Jun NH2-Terminal Kinase Signaling in Cr(VI)-Induced Apoptosis in JB6 Cells. Toxicological Sciences, 2011, 119, 335-345.	3.1	15
69	Cr(VI) induces mitochondrial-mediated and caspase-dependent apoptosis through reactive oxygen species-mediated p53 activation in JB6 Cl41 cells. Toxicology and Applied Pharmacology, 2010, 245, 226-235.	2.8	93
70	Compressive mechanical force augments osteoclastogenesis by bone marrow macrophages through activation of câ€Fmsâ€mediated signaling. Journal of Cellular Biochemistry, 2010, 111, 1260-1269.	2.6	15
71	Cadmium Induces Intracellular Ca2+- and H2O2-Dependent Apoptosis through JNK- and p53-Mediated Pathways in Skin Epidermal Cell line. Toxicological Sciences, 2010, 113, 127-137.	3.1	89
72	Quercetin Induces Tumor-Selective Apoptosis through Downregulation of Mcl-1 and Activation of Bax. Clinical Cancer Research, 2010, 16, 5679-5691.	7.0	72

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73	Reactive Oxygen Species-Activated Akt/ASK1/p38 Signaling Pathway in Nickel Compound-Induced Apoptosis in BEAS 2B Cells. Chemical Research in Toxicology, 2010, 23, 568-577.	3.3	113
74	Over-expression of JunB inhibits mitochondrial stress and cytotoxicity in human lymphoma cells exposed to chronic oxidative stress. BMB Reports, 2010, 43, 57-61.	2.4	16
75	Mechanical force inhibits osteoclastogenic potential of human periodontal ligament fibroblasts through OPG production and ERKâ€mediated signaling. Journal of Cellular Biochemistry, 2009, 106, 1010-1019.	2.6	33
76	Critical role of poly(ADPâ€ribose) polymeraseâ€1 in modulating the mode of cell death caused by continuous oxidative stress. Journal of Cellular Biochemistry, 2009, 108, 989-997.	2.6	30
77	Activation of JNK and c-Jun Is Involved in Glucose Oxidase-Mediated Cell Death of Human Lymphoma Cells. Molecules and Cells, 2009, 28, 545-552.	2.6	11
78	Apoptosis-inducing factor plays a critical role in caspase-independent, pyknotic cell death in hydrogen peroxide-exposed cells. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 796-808.	4.9	58
79	Role of MAPK in mechanical force-induced up-regulation of type I collagen and osteopontin in human gingival fibroblasts. Molecular and Cellular Biochemistry, 2009, 320, 45-52.	3.1	40
80	Mechanical force augments the antiâ€osteoclastogenic potential of human gingival fibroblasts in vitro. Journal of Periodontal Research, 2009, 44, 402-410.	2.7	20
81	Cyclic mechanical stress suppresses myogenic differentiation of adult bovine satellite cells through activation of extracellular signal-regulated kinase. Molecular and Cellular Biochemistry, 2008, 309, 133-141.	3.1	54
82	Involvement of p38 MAPK-mediated signaling in the calpeptin-mediated suppression of myogenic differentiation and fusion in C2C12 cells. Molecular and Cellular Biochemistry, 2008, 310, 85-92.	3.1	19
83	Hypoxia affects positively the proliferation of bovine satellite cells and their myogenic differentiation through upâ€regulation of MyoD. Cell Biology International, 2008, 32, 871-878.	3.0	39
84	Quercetin accelerates TNF-Î±-induced apoptosis of MC3T3-E1 osteoblastic cells through caspase-dependent and JNK-mediated pathways. European Journal of Pharmacology, 2008, 579, 26-33.	3.5	27
85	Plasma-arc generated light inhibits proliferation and induces apoptosis of human gingival fibroblasts in a dose-dependent manner. Dental Materials, 2008, 24, 1036-1042.	3.5	11
86	Inhibition of c-Jun N-terminal kinase sensitizes tumor cells to flavonoid-induced apoptosis through down-regulation of JunD. Toxicology and Applied Pharmacology, 2008, 227, 468-476.	2.8	19
87	Comparison of Level of NKG2D Ligands between Normal and Tumor Tissue Using Multiplex RT-PCR. Cancer Investigation, 2007, 25, 299-307.	1.3	22
88	Stimulating effects on mouse splenocytes of glycoproteins from the herbal medicine Atractylodes macrocephala Koidz.. Phytomedicine, 2007, 14, 390-395.	5.3	53
89	Suppressive Effect of a Standardized Mistletoe Extract on the Expression of Activatory NK Receptors and Function of Human NK Cells. Journal of Clinical Immunology, 2007, 27, 477-485.	3.8	9
90	Caspase-independent death of human osteosarcoma cells by flavonoids is driven by p53-mediated mitochondrial stress and nuclear translocation of AIF and endonuclease G. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1289-1298.	4.9	47

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91	Antioxidant and Anti-hyperglycemic Activity of Polysaccharide Isolated from Dendrobium chrysotoxum Lindl. BMB Reports, 2007, 40, 670-677.	2.4	63
92	Involvement of caspase activation and mitochondrial stress in taxol-induced apoptosis of Epsteinâ€"Barr virus-infected Akata cells. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1894-1902.	2.4	10
93	Quercetin, a bioflavonoid, accelerates TNF-Î±-induced growth inhibition and apoptosis in MC3T3-E1 osteoblastic cells. European Journal of Pharmacology, 2006, 529, 24-32.	3.5	34
94	Involvement of caspase activation and mitochondrial stress in trichostatin A-induced apoptosis of Burkitt's lymphoma cell line, Akata. Journal of Cellular Biochemistry, 2006, 99, 1420-1430.	2.6	8
95	Increase of NKG2D ligands and sensitivity to NK cell-mediated cytotoxicity of tumor cells by heat shock and ionizing radiation. Experimental and Molecular Medicine, 2006, 38, 474-484.	7.7	164
96	Hydrogen peroxide induces apoptosis of BJAB cells due to formation of hydroxyl radicals via intracellular iron-mediated Fenton chemistry in glucose oxidase-mediated oxidative stress. Molecules and Cells, 2006, 22, 21-9.	2.6	24
97	Satellite cells isolated from adult Hanwoo muscle can proliferate and differentiate into myoblasts and adipose-like cells. Molecules and Cells, 2006, 22, 239-45.	2.6	32
98	Antioxidant property of an active component purified from the leaves of paraquat-tolerantRehmannia glutinosa. Redox Report, 2005, 10, 311-318.	4.5	40
99	Flavonoids purified from Rhus verniciflua Stokes actively inhibit cell growth and induce apoptosis in human osteosarcoma cells. Biochimica Et Biophysica Acta - General Subjects, 2005, 1726, 309-316.	2.4	105
100	Plant-originated glycoprotein, G-120, inhibits the growth of MCF-7 cells and induces their apoptosis. Food and Chemical Toxicology, 2005, 43, 961-968.	3.6	33
101	Selective antiproliferative and apoptotic effects of flavonoids purified from Rhus verniciflua Stokes on normal versus transformed hepatic cell lines. Toxicology Letters, 2005, 155, 115-125.	0.8	87
102	Epstein-Barr Virus-infected Akata Cells Are Sensitive to Histone Deacetylase Inhibitor TSA-provoked Apoptosis. BMB Reports, 2005, 38, 755-762.	2.4	6
103	Selective effects of quercetin on the cell growth and antioxidant defense system in normal versus transformed mouse hepatic cell lines. European Journal of Pharmacology, 2004, 502, 195-204.	3.5	36
104	Direct injection of immature dendritic cells into irradiated tumor induces efficient antitumor immunity. International Journal of Cancer, 2004, 109, 685-690.	5.1	77
105	Ripe fruits of Solanum nigrum L. inhibits cell growth and induces apoptosis in MCF-7 cells. Food and Chemical Toxicology, 2003, 41, 1421-1428.	3.6	122
106	MODULATION OF ANTIGEN-SPECIFIC IMMUNE RESPONSES BY THE ORAL ADMINISTRATION OF A TRADITIONAL MEDICINE, BO-YANG-HWAN-O-TANG. Immunopharmacology and Immunotoxicology, 2002, 24, 423-440.	2.4	18