

Cheorl-Ho Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5421834/publications.pdf>

Version: 2024-02-01

262
papers

7,044
citations

61857

43
h-index

91712

69
g-index

275
all docs

275
docs citations

275
times ranked

8034
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Lectin-Glycan Interaction of Pathogenic Enteric Bacteria in the Gastrointestinal Tract. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1451.	1.8	7
2	<i>Mycobacterium tuberculosis</i> glycolipoprotein LprG inhibits inflammation through NF- κ B signaling of ERK1/2 and JNK in LPS-induced murine macrophage cells. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 772-781.	1.2	5
3	Characterization of a C-Type Lectin Domain-Containing Protein with Antibacterial Activity from Pacific Abalone (<i>Haliotis discus hannai</i>). <i>International Journal of Molecular Sciences</i> , 2022, 23, 698.	1.8	5
4	Molecular Research of Glycolysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5052.	1.8	3
5	Bacterially Converted Oat Active Ingredients Enhances Antioxidative and Anti-UVB Photoaging Activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	0.5	0
6	4-O-methylascochlorin attenuates inflammatory responses induced by lipopolysaccharide in RAW 264.7 macrophages. <i>International Immunopharmacology</i> , 2021, 90, 107184.	1.7	10
7	Evaluation of Microbiological Contamination of Dummies Used in Cardiopulmonary Resuscitation in Korea. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 281-287.	0.9	0
8	Avenanthramide C Suppresses Matrix Metalloproteinase-9 Expression and Migration Through the MAPK/NF- κ B Signaling Pathway in TNF- α -Activated HASMC Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 621854.	1.6	14
9	Physiologically Active Molecules and Functional Properties of Soybeans in Human Health—A Current Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4054.	1.8	54
10	e-Membranome: A Database for Genome-Wide Analysis of Escherichia coli Outer Membrane Proteins. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 501-507.	0.9	2
11	Current Perspectives on the Physiological Activities of Fermented Soybean-Derived Cheonggukjang. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5746.	1.8	29
12	Anti-SARS-CoV-2 Natural Products as Potentially Therapeutic Agents. <i>Frontiers in Pharmacology</i> , 2021, 12, 590509.	1.6	39
13	Inhibitory Effect of Avenanthramides (Avn) on Tyrosinase Activity and Melanogenesis in α -MSH-Activated SK-MEL-2 Cells: In Vitro and In Silico Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7814.	1.8	9
14	Beneficial Effects of Soybean-Derived Bioactive Peptides. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8570.	1.8	49
15	Multiple Antioxidative and Bioactive Molecules of Oats (<i>Avena sativa</i> L.) in Human Health. <i>Antioxidants</i> , 2021, 10, 1454.	2.2	23
16	<i>Mycobacterium tuberculosis</i> Secreted Protein, ESAT-6, Inhibits Lipopolysaccharide-Induced MMP-9 Expression and Inflammation Through NF- κ B and MAPK Signaling in RAW 264.7 Macrophage Cells. <i>Inflammation</i> , 2020, 43, 54-65.	1.7	11
17	α -sialyllactose targets cell surface protein, SIGLEC-3, and induces megakaryocyte differentiation and apoptosis by lipid raft-dependent endocytosis. <i>Glycoconjugate Journal</i> , 2020, 37, 187-200.	1.4	12
18	Gram-Negative Bacterial Endotoxin LPS Induces NeuGc Loss through Ets1-Dependent Downregulation of Intestine-Specific pcmaH Transcript in Porcine Intestinal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4892.	1.8	2

#	ARTICLE	IF	CITATIONS
19	Ganglioside Biochemistry. , 2020, , .		6
20	Regulation of human β -galactoside α 2,6-sialyltransferase (hST6Gal I) gene expression during differentiation of human osteoblastic MG-63 cells. Glycoconjugate Journal, 2020, 37, 681-690.	1.4	6
21	GM3 Signaling. , 2020, , .		2
22	SARS-CoV-2 Evolutionary Adaptation toward Host Entry and Recognition of Receptor O-Acetyl Sialylation in Virus-Host Interaction. International Journal of Molecular Sciences, 2020, 21, 4549.	1.8	69
23	Sialyltransferase, Sialylation, and Sulfoylation. , 2020, , 35-53.		2
24	Construction of a Lectin-Glycan Interaction Network from Enterohemorrhagic Escherichia coli Strains by Multi-omics Analysis. International Journal of Molecular Sciences, 2020, 21, 2681.	1.8	8
25	15d-PGJ2 inhibits NF- κ B and AP-1-mediated MMP-9 expression and invasion of breast cancer cell by means of a heme oxygenase-1-dependent mechanism. BMB Reports, 2020, 53, 212-217.	1.1	21
26	Sialic Acids and TAGs of Tumor Cells to Escape Immune Surveillance and Immune Editing. , 2020, , 169-192.		0
27	VEGFR-GM3 Interaction in Angiogenesis. , 2020, , 61-76.		0
28	Viral Protein Interaction with Host Cells GSLs. , 2020, , 53-92.		0
29	The GSL-Dependent Signaling. , 2020, , 21-51.		0
30	Ascofuranone inhibits epidermal growth factor-induced cell migration by blocking epithelial-mesenchymal transition in lung cancer cells. European Journal of Pharmacology, 2020, 880, 173199.	1.7	3
31	Interaction Between EGFR and GM3. , 2020, , 41-47.		0
32	GM3, Caveolin-1 and Insulin Receptor in Insulin Resistance. , 2020, , 99-103.		0
33	N-Glycan and O-Glycan Glycosylation in Eukaryotes. , 2020, , 15-34.		1
34	GM3 Induces Terminal Differentiation of Leukemic Cells. , 2020, , 115-131.		0
35	Bacterial Toxin Protein Interaction with Host Cells GSL. , 2020, , 93-118.		0
36	Glycosphingolipids Signaling. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	GM3 Has an Anti-tumor Capacity. , 2020, , 31-36.		0
38	Synthesis of GM3. , 2020, , 3-6.		0
39	GM3, Competing with GM1, Interaction with Urokinase Plasminogen Activator Receptor (uPAR) in Endothelial Caveolar-Lipid Rafts Inhibits Angiogenesis. , 2020, , 77-78.		0
40	Regulation of GM3-Mediated EGFR Signaling by NEU3 Sialidase. , 2020, , 55-59.		0
41	Î±2,3-Sialyllactose (3SL) or Î±2,6-Sialyllactose (6SL) of GM3 Glycan in Innate Immunity. , 2020, , 133-138.		0
42	Molecular Localization of GM3 in Cells. , 2020, , 7-8.		0
43	Mammal GSL Synthesis Via ER and Golgi Network. , 2020, , 9-19.		0
44	GM3 Suppresses Tumor Angiogenesis. , 2020, , 37-39.		0
45	GM3 Protects Cochlear Hair Cells and Hearing from Corti Degeneration. , 2020, , 109-110.		0
46	GM3 and Related Gangliosides Prevent Inflammation and Atherosclerosis. , 2020, , 21-29.		0
47	GD3 Mimetics with a Neurite Forming Capacity. , 2020, , 13-15.		0
48	GM3-HGFR, FGFR, and PDGFR Cancer Cell Behavior and IGF-1R in Diabetic Wound Healing. , 2020, , 93-98.		0
49	Membrane Ganglioside-Specific Neuraminidase 3 (NEU3) Regulates GM3 Signaling. , 2020, , 49-54.		0
50	Gangliosides and Tumor-Associated Ganglioside (TAG) Modulate Receptor-Tyrosine Kinases (RTKs). , 2020, , 123-167.		0
51	Neu5Gc (N-Glycolylneuraminic Acid). , 2020, , 77-89.		0
52	GM3 as a Pathogenic Infection Receptor. , 2020, , 17-20.		1
53	Tumor Characteristics in Tumor Related Carbohydrates. , 2020, , 193-214.		0
54	GM3 Suppresses Arthritis. , 2020, , 105-107.		0

#	ARTICLE	IF	CITATIONS
55	GM3 Interacts with TGF β 2Rs in the Epithelial \rightarrow Mesenchymal Transition (EMT) During Posterior Capsular Opacification (PCO) Formation. , 2020, , 79-86.		0
56	GSL Signaling Regulation. , 2020, , 119-139.		0
57	GM3 Increases Osteoclast Differentiation Via Direct Cooperation with RANKL and IGF-1. , 2020, , 111-113.		0
58	Galectin-1 Promotes Tumor Growth and Escapes Immune Surveillance. , 2020, , 87-91.		0
59	Basic Function of GM3 as an Interacting Molecule. , 2020, , 9-12.		0
60	Huzhangoside A Suppresses Tumor Growth through Inhibition of Pyruvate Dehydrogenase Kinase Activity. <i>Cancers</i> , 2019, 11, 712.	1.7	16
61	4-O-Carboxymethylascochlorin Inhibits Expression Levels of on Inflammation-Related Cytokines and Matrix Metalloproteinase-9 Through NF κ B/MAPK/TLR4 Signaling Pathway in LPS-Activated RAW264.7 Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 304.	1.6	12
62	Ascochlorin induces caspase-independent necroptosis in LPS-stimulated RAW 264.7 macrophages. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111898.	2.0	14
63	Antihyperlipidemic and Antioxidative Potentials of Onion (<i>Allium cepa</i> L.) Extract Fermented with a Novel <i>Lactobacillus casei</i> HD-010. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	0.5	6
64	Comparative genomic analysis of enterotoxigenic <i>Escherichia coli</i> O159 strains isolated from diarrheal patients in Korea. <i>Gut Pathogens</i> , 2019, 11, 9.	1.6	3
65	Intestine specific regulation of pig cytidine-5 α -monophospho-N-acetylneuraminic acid hydroxylase gene for N-glycolylneuraminic acid biosynthesis. <i>Scientific Reports</i> , 2019, 9, 4292.	1.6	4
66	Bee Venom Suppresses EGF-Induced Epithelial-Mesenchymal Transition and Tumor Invasion in Lung Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 1869-1883.	1.5	15
67	Enhancement of Endometrial Receptivity by <i>Cnidium officinale</i> through Expressing LIF and Integrins. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	9
68	Esculentoside B inhibits inflammatory response through JNK and downstream NF κ B signaling pathway in LPS-triggered murine macrophage RAW 264.7 cells. <i>International Immunopharmacology</i> , 2019, 68, 156-163.	1.7	15
69	4 α -O-carboxymethylascochlorin protected against microglial-mediated neurotoxicity in SH-SY5Y and BV2 cocultured cells from LPS-induced neuroinflammation and death by inhibiting MAPK, NF κ B, and Akt pathways. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 1742-1753.	1.2	6
70	Esculentoside H inhibits colon cancer cell migration and growth through suppression of MMP9 gene expression via NF κ B signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9810-9819.	1.2	23
71	Combined Amelioration of Ginsenoside (Rg1, Rb1, and Rg3)-enriched Korean Red Ginseng and Probiotic <i>Lactobacillus</i> on Non-alcoholic Fatty Liver Disease. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 222-231.	0.9	16
72	Mitogen-Induced Interferon Gamma Production in Human Whole Blood: The Effect of Heat and Cations. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 562-572.	0.9	7

#	ARTICLE	IF	CITATIONS
73	Ganglioside GM3 suppresses lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophage cells through NF- κ B, AP-1, and MAPKs signaling. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1173-1182.	1.2	31
74	Suppression of c-Myc enhances p21 ^{WAF1/CIP1} -mediated G1 cell cycle arrest through the modulation of ERK phosphorylation by ascochlorin. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2036-2047.	1.2	14
75	Increased α 2-6 sialylation of endometrial cells contributes to the development of endometriosis. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	3.2	74
76	Curcumin Downregulates Human GM3 Synthase (hST3Gal V) Gene Expression with Autophagy Induction in Human Colon Carcinoma HCT116 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-7.	0.5	5
77	MAC inhibits c-Myc and induces autophagy by downregulation of CIP2A in leukemia cells. <i>Molecular and Cellular Toxicology</i> , 2018, 14, 417-424.	0.8	6
78	Upregulation of AMPK by 4-O-methylascochlorin promotes autophagy via the HIF-1 α expression. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 6345-6356.	1.6	20
79	Transcriptional Activation of Human GD3 Synthase (hST8Sia I) Gene in Curcumin-Induced Autophagy in A549 Human Lung Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1943.	1.8	16
80	Troglitazone Inhibits Matrix Metalloproteinase-9 Expression and Invasion of Breast Cancer Cell through a Peroxisome Proliferator-Activated Receptor γ -Dependent Mechanism. <i>Journal of Breast Cancer</i> , 2018, 21, 28.	0.8	14
81	Monosialyl Ganglioside GM3 Decreases Apolipoprotein B-100 Secretion in Liver Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2168-2181.	1.2	11
82	Sirt1 negatively regulates Fc γ RI-mediated mast cell activation through AMPK- and PTP1B-dependent processes. <i>Scientific Reports</i> , 2017, 7, 6444.	1.6	27
83	<i>Oldenlandia diffusa</i> suppresses metastatic potential through inhibiting matrix metalloproteinase-9 and intercellular adhesion molecule-1 expression via p38 and ERK1/2 MAPK pathways and induces apoptosis in human breast cancer MCF-7 cells. <i>Journal of Ethnopharmacology</i> , 2017, 195, 309-317.	2.0	35
84	Meet Our Co-Editor. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 283-284.	0.9	0
85	Preface: Studies on Understanding and Anti-Tumor Agents of Reproductive Cancer Cells. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 2-6.	0.9	0
86	Comparative genomic analysis and characteristics of NCCP15740, the major type of enterotoxigenic <i>Escherichia coli</i> in Korea. <i>Gut Pathogens</i> , 2017, 9, 55.	1.6	3
87	Ascofuranone inhibits lipopolysaccharide-induced inflammatory response via NF- κ B and AP-1, p-ERK, TNF- α , IL-6 and IL-1 β in RAW 264.7 macrophages. <i>PLoS ONE</i> , 2017, 12, e0171322.	1.1	42
88	Disialyl GD2 ganglioside suppresses ICAM-1-mediated invasiveness in human breast cancer MDA-MB231 cells. <i>International Journal of Biological Sciences</i> , 2017, 13, 265-275.	2.6	11
89	Pharmaceutical Production of Anti-tumor and Immune-potentiating <i>Enterococcus faecalis</i> -2001 β -glucans: Enhanced Activity of Macrophage and Lymphocytes in Tumor-implanted Mice. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 653-661.	0.9	16
90	Sialyllactose suppresses angiogenesis by inhibiting VEGFR-2 activation, and tumor progression. <i>Oncotarget</i> , 2017, 8, 58152-58162.	0.8	25

#	ARTICLE	IF	CITATIONS
91	Comparative expression profiling of testis-enriched genes regulated during the development of spermatogonial cells. <i>PLoS ONE</i> , 2017, 12, e0175787.	1.1	12
92	The function of cancer-shed gangliosides in macrophage phenotype: involvement with angiogenesis. <i>Oncotarget</i> , 2017, 8, 4436-4448.	0.8	15
93	Isothiocyanates suppress the invasion and metastasis of tumors by targeting FAK/MMP-9 activity. <i>Oncotarget</i> , 2017, 8, 63949-63962.	0.8	48
94	Induction of GD3 β 1-adrenergic receptor/transglutaminase 2-mediated erythroid differentiation in chronic myelogenous leukemic K562 cells. <i>Oncotarget</i> , 2017, 8, 72205-72219.	0.8	9
95	Anti-oxidative and Anti-microbial Activities of Purified MPN-1-1 from <i>Persicaria nepalensis</i> (Meisn.) Miyabe. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 552-559.	0.9	1
96	Characterization of <i>Clostridium difficile</i> Strains Isolated from Patients with <i>C. difficile</i> -associated Disease in Korea. <i>Osong Public Health and Research Perspectives</i> , 2017, 8, 325-331.	0.7	1
97	Benzoic Acid Enhances Embryo Implantation through LIF-Dependent Expression of Integrin α 1/2 β 1/2 γ 1/2 δ 3 and α 1/2 β 1/2 γ 1/2 δ 4 ϵ 5. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 668-677.	0.9	1
98	Jellyfish extract induces apoptotic cell death through the p38 pathway and cell cycle arrest in chronic myelogenous leukemia K562 cells. <i>PeerJ</i> , 2017, 5, e2895.	0.9	11
99	Serum Deprivation-Induced Human GM3 Synthase (hST3Gal V) Gene Expression Is Mediated by Runx2 in Human Osteoblastic MG-63 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 35.	1.8	9
100	Exogenous and Endogeneous Disialosyl Ganglioside GD1b Induces Apoptosis of MCF-7 Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 652.	1.8	17
101	Upregulation of Human ST8Sia VI (β 2,8-Sialyltransferase) Gene Expression by Physcion in SK-N-BE(2)-C Human Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1246.	1.8	9
102	Anti-inflammatory Effect of Ascochlorin in LPS-stimulated RAW 264.7 Macrophage Cells Is Accompanied With the Down-regulation of iNOS, COX-2 and Proinflammatory Cytokines Through NF- κ B, ERK1/2, and p38 Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 978-987.	1.2	83
103	Housekeeping promoter 5'UTR of pig CMP-N-acetylneuraminic acid hydroxylase gene for NeuGc expression. <i>Glycoconjugate Journal</i> , 2016, 33, 779-788.	1.4	5
104	n-Butyl- β -D-fructofuranoside Isolated from <i>Ulmus davidiana</i> Enhances Nrf2 Activity Through Activation of JNK. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 1181-1188.	0.9	4
105	Induction of Apoptosis and Antitumor Activity of Eel Skin Mucus, Containing Lactose-Binding Molecules, on Human Leukemic K562 Cells. <i>Marine Drugs</i> , 2015, 13, 3936-3949.	2.2	14
106	Isothiocyanates inhibit the invasion and migration of C6 glioma cells by blocking FAK/JNK-mediated MMP-9 expression. <i>Oncology Reports</i> , 2015, 34, 2901-2908.	1.2	35
107	The Ganglioside GM3 Is Associated with Cisplatin-Induced Apoptosis in Human Colon Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e92786.	1.1	33
108	Ganglioside GM3 is required for caffeic acid phenethyl ester-induced megakaryocytic differentiation of human chronic myelogenous leukemia K562 cells. <i>Biochemistry and Cell Biology</i> , 2014, 92, 243-249.	0.9	10

#	ARTICLE	IF	CITATIONS
109	Ethylacetate extracts of the muscles of <i>Anguilla japonica</i> suppress glucose levels in db/db mice via activation of AMP-activated protein kinase. <i>Food Science and Biotechnology</i> , 2014, 23, 1695-1701.	1.2	2
110	Cordycepin-mediated transcriptional regulation of human GD3 synthase (<i>hST8Sia II</i>) in <i>Anguilla japonica</i> . <i>Journal of Biochemistry and Molecular Biology</i> , 2014, 46, 65-71.	0.9	12
111	Hepatitis B virus X protein specially regulates the sialyl lewis x synthesis among glycosylation events for metastasis. <i>Molecular Cancer</i> , 2014, 13, 222.	7.9	15
112	Monosialic ganglioside GM3 specifically suppresses the monocyte adhesion to endothelial cells for inflammation. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 46, 32-38.	1.2	27
113	Melittin suppresses EGF-induced cell motility and invasion by inhibiting PI3K/Akt/mTOR signaling pathway in breast cancer cells. <i>Food and Chemical Toxicology</i> , 2014, 68, 218-225.	1.8	98
114	The ganglioside GQ1b regulates BDNF expression via the NMDA receptor signaling pathway. <i>Neuropharmacology</i> , 2014, 77, 414-421.	2.0	19
115	Mimulone-Induced Autophagy through p53-Mediated AMPK/mTOR Pathway Increases Caspase-Mediated Apoptotic Cell Death in A549 Human Lung Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e114607.	1.1	42
116	Hidden secret in hepatitis B viral X protein mutation and hypoxia-inducible factor-1 α in hepatocarcinoma cancer. <i>Hepatobiliary Surgery and Nutrition</i> , 2014, 3, 115-7.	0.7	1
117	Caffeic Acid Phenethyl Ester Inhibits Alpha-Melanocyte Stimulating Hormone-Induced Melanin Synthesis through Suppressing Transactivation Activity of Microphthalmia-Associated Transcription Factor. <i>Journal of Natural Products</i> , 2013, 76, 1399-1405.	1.5	45
118	CAPE suppresses VEGFR-2 activation, and tumor neovascularization and growth. <i>Journal of Molecular Medicine</i> , 2013, 91, 271-282.	1.7	20
119	Ganglioside GM3 participates in the TGF- β 1-induced epithelial-mesenchymal transition of human lens epithelial cells. <i>Biochemical Journal</i> , 2013, 449, 241-251.	1.7	31
120	Anti-inflammatory activity of hexane extracts from bones and internal organs of <i>Anguilla japonica</i> suppresses cyclooxygenase-2-dependent prostaglandin D2 generation in mast cells and anaphylaxis in mice. <i>Food and Chemical Toxicology</i> , 2013, 57, 307-313.	1.8	6
121	Saucerneol F inhibits tumor necrosis factor- α and IL-6 production by suppressing Fyn-mediated pathways in Fc γ RI-mediated mast cells. <i>Food and Chemical Toxicology</i> , 2013, 59, 696-702.	1.8	7
122	Correlation of expression and activity of matrix metalloproteinase-9 and -2 in human gingival cells of periodontitis patients. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 24.	0.9	19
123	Dendropanoxide Induces Autophagy through ERK1/2 Activation in MG-63 Human Osteosarcoma Cells and Autophagy Inhibition Enhances Dendropanoxide-Induced Apoptosis. <i>PLoS ONE</i> , 2013, 8, e83611.	1.1	50
124	Citreorosein Inhibits Production of Proinflammatory Cytokines by Blocking Mitogen Activated Protein Kinases, Nuclear Factor- κ B and Activator Protein-1 Activation in Mouse Bone Marrow-Derived Mast Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 938-945.	0.6	7
125	Pimaric acid from <i>Aralia cordata</i> has an inhibitory effect on TNF- α -induced MMP-9 production and HASMC migration via down-regulated NF- κ B and AP-1. <i>Chemico-Biological Interactions</i> , 2012, 199, 112-119.	1.7	31
126	Saucerneol F, a new lignan, inhibits iNOS expression via MAPKs, NF- κ B and AP-1 inactivation in LPS-induced RAW264.7 cells. <i>International Immunopharmacology</i> , 2012, 12, 175-181.	1.7	46

#	ARTICLE	IF	CITATIONS
127	Citreorosein, a naturally occurring anthraquinone derivative isolated from <i>Polygoni cuspidati radix</i> , attenuates cyclooxygenase-2-dependent prostaglandin D2 generation by blocking Akt and JNK pathways in mouse bone marrow-derived mast cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 913-919.	1.8	20
128	Aesculin inhibits matrix metalloproteinase-9 expression via p38 mitogen activated protein kinase and activator protein 1 in lipopolysachride-induced RAW264.7 cells. <i>International Immunopharmacology</i> , 2012, 14, 267-274.	1.7	17
129	Triple Inhibitory Activity of <i>Cliona celata</i> Against TNF- α -Induced Matrix Metalloproteinase-9 Production Via Downregulated NF- κ B and AP-1, Enzyme Activity, and Migration Potential. <i>Inflammation</i> , 2012, 35, 736-745.	1.7	12
130	Ascochlorin suppresses TGF- β 1-induced PAI-1 expression through the inhibition of phospho-EGFR in rat kidney fibroblast cells. <i>Molecular Biology Reports</i> , 2012, 39, 4597-4603.	1.0	8
131	4-O-methylascochlorin, methylated derivative of ascochlorin, stabilizes HIF-1 α via AMPK activation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 353-358.	1.0	23
132	Ethylacetate fraction from Korean seaside starfish, <i>Asterias amurensis</i> , has an inhibitory effect on MMP-9 activity and expression and on migration behavior of TNF- α induced human aortic smooth muscle cells. <i>Toxicology in Vitro</i> , 2011, 25, 767-773.	1.1	8
133	Anti-inflammatory activity of ethylacetate fraction of <i>Cliona celata</i> . <i>Immunopharmacology and Immunotoxicology</i> , 2011, 33, 373-379.	1.1	7
134	Cloning and functional characterization of pig CMP-N-acetylneuraminic acid hydroxylase for the synthesis of N-glycolylneuraminic acid as the xenoantigenic determinant in pig \rightarrow human xenotransplantation. <i>Biochemical Journal</i> , 2010, 427, 179-188.	1.7	54
135	Saucerneol G, a New Lignan, from <i>Saururus chinensis</i> Inhibits Matrix Metalloproteinase-9 Induction via a Nuclear Factor κ B and Mitogen Activated Protein Kinases in Lipopolysaccharide-Stimulated RAW264.7 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1944-1948.	0.6	11
136	Molecular characterization of pig α 2,3-Gal β 1,3-GalNAc α 2,6-sialyltransferase (pST6GalNAc IV) gene specific for Neu5Ac α 2-3Gal β 1-3GalNAc trisaccharide structure. <i>Glycoconjugate Journal</i> , 2010, 27, 367-374.	1.4	7
137	Triptolide downregulates human GD3 synthase (hST8Sia I) gene expression in SK-MEL-2 human melanoma cells. <i>Experimental and Molecular Medicine</i> , 2010, 42, 849.	3.2	26
138	Anti-inflammatory activity of bark of <i>Dioscorea batatas</i> DECNE through the inhibition of iNOS and COX-2 expressions in RAW264.7 cells via NF- κ B and ERK1/2 inactivation. <i>Food and Chemical Toxicology</i> , 2010, 48, 3073-3079.	1.8	71
139	G _{D3} synthase overexpression enhances proliferation and migration of MDA-MB-231 breast cancer cells. <i>Biological Chemistry</i> , 2009, 390, 601-609.	1.2	54
140	Isolation and functional analysis of the human glioblastoma-specific promoter region of the human GD3 synthase (<math>\alpha</math>2,3-GalNAc 6-sialyltransferase) gene. <i>Acta Biochimica Et Biophysica Sinica</i> , 2009, 41, 237-245.	0.9	19
141	Deoxypodophyllotoxin, flavolignan, from <i>Anthriscus sylvestris</i> Hoffm. inhibits migration and MMP-9 via MAPK pathways in TNF- α -induced HASMC. <i>Vascular Pharmacology</i> , 2009, 51, 13-20.	1.0	35
142	Ascochlorin activates p53 in a manner distinct from DNA damaging agents. <i>International Journal of Cancer</i> , 2009, 124, 2797-2803.	2.3	25
143	Suppression of PAI α 1 expression through inhibition of the EGFR α -mediated signaling cascade in rat kidney fibroblast by ascofuranone. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 335-344.	1.2	17
144	Valproic Acid Induces Transcriptional Activation of Human GD3 Synthase (hST8Sia I) in SK-N-BE(2)-C Human Neuroblastoma Cells. <i>Molecules and Cells</i> , 2009, 27, 113-118.	1.0	19

#	ARTICLE	IF	CITATIONS
145	Bee venom suppresses LPS-mediated NO/iNOS induction through inhibition of PKC- ζ expression. Journal of Ethnopharmacology, 2009, 123, 15-21.	2.0	41
146	Caffeic acid phenethyl ester induces mitochondria-mediated apoptosis in human myeloid leukemia U937 cells. Molecular and Cellular Biochemistry, 2008, 310, 43-48.	1.4	70
147	Disialoganglioside GD3 synthase expression recruits membrane transglutaminase 2 during erythroid differentiation of the human chronic myelogenous leukemia K562 cells. Proteomics, 2008, 8, 3317-3328.	1.3	10
148	Antiproliferative effect of <i>Scutellaria barbata</i> D. Don. on cultured human uterine leiomyoma cells by down-regulation of the expression of Bcl-2 protein. Phytotherapy Research, 2008, 22, 583-590.	2.8	18
149	Inhibition of <i>Ulmus davidiana</i> Planch (Ulmaceae) on bone resorption mediated by processing of Cathepsin K in cultured mouse osteoclasts. Phytotherapy Research, 2008, 22, 511-517.	2.8	4
150	Inhibition of microsomal triglyceride transfer protein expression and atherogenic risk factor apolipoprotein B100 secretion by tanshinone IIA in HepG2 cells. Phytotherapy Research, 2008, 22, 1640-1645.	2.8	16
151	Secretion of atherogenic risk factor apolipoprotein B100 is increased by a potential mechanism of JNK/PKC-mediated insulin resistance in liver cells. Journal of Cellular Biochemistry, 2008, 103, 908-919.	1.2	9
152	Tanshinone IIA from <i>Salvia miltiorrhiza</i> BUNGE inhibits human aortic smooth muscle cell migration and MMP-9 activity through AKT signaling pathway. Journal of Cellular Biochemistry, 2008, 104, 15-26.	1.2	87
153	3,4,5-trihydroxybenzaldehyde from <i>Geum japonicum</i> has dual inhibitory effect on matrix metalloproteinase 9; inhibition of gelatinolytic activity as well as MMP-9 expression in TNF- α induced HASMC. Journal of Cellular Biochemistry, 2008, 105, 524-533.	1.2	11
154	Valproic acid-mediated transcriptional regulation of human GM3 synthase (hST3Gal V) in SK-N-BE(2)-C human neuroblastoma cells. Acta Pharmacologica Sinica, 2008, 29, 999-1005.	2.8	11
155	Suppressive effects of bee venom on the immune responses in collagen-induced arthritis in rats. Phytomedicine, 2008, 15, 1099-1107.	2.3	21
156	Effects of TGF- β 1 and extracts from <i>Cervus korean</i> TEMMINCK var. <i>mantchuricus</i> Swinhoe on acute and chronic arthritis in rats. Journal of Ethnopharmacology, 2008, 118, 280-283.	2.0	14
157	Saucerneol D, a naturally occurring sesquigignan, inhibits LPS-induced iNOS expression in RAW264.7 cells by blocking NF- κ B and MAPK activation. International Immunopharmacology, 2008, 8, 1395-1400.	1.7	20
158	Effect of <i>Cervus korean</i> TEMMINCK var. <i>mantchuricus</i> Swinhoe on protease activities, antioxidant and free radical damages in rheumatic arthritis rats. Toxicology in Vitro, 2008, 22, 80-86.	1.1	7
159	Propolis induces cell cycle arrest and apoptosis in human leukemic U937 cells through Bcl-2/Bax regulation. Environmental Toxicology and Pharmacology, 2008, 26, 61-67.	2.0	60
160	Inhibition of mouse osteoblast proliferation and prostaglandin E2 synthesis by <i>Ulmus davidiana</i> Planch (Ulmaceae). Food and Chemical Toxicology, 2008, 46, 2135-2142.	1.8	7
161	Membrane type sialidase inhibits the megakaryocytic differentiation of human leukemia K562 cells. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 757-763.	1.1	16
162	Suppression of PMA-induced tumor cell invasion by capillarisin via the inhibition of NF- κ B-dependent MMP-9 expression. Biochemical and Biophysical Research Communications, 2008, 366, 1019-1024.	1.0	70

#	ARTICLE	IF	CITATIONS
163	The AP-2 transcription factor is required for the ganglioside GM3-stimulated transcriptional regulation of a PTEN gene. <i>Glycobiology</i> , 2008, 18, 395-407.	1.3	18
164	Ganglioside GM3 inhibits VEGF/VEGFR-2-mediated angiogenesis: Direct interaction of GM3 with VEGFR-2. <i>Glycobiology</i> , 2008, 19, 229-239.	1.3	83
165	The Naturally Occurring Flavolignan, Deoxydopodophyllotoxin, Inhibits Lipopolysaccharide-Induced iNOS Expression through the NF- κ B Activation in RAW264.7 Macrophage Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1312-1315.	0.6	30
166	Triterpenoid saponin, oleanolic acid 3-O- β -D-glucopyranosyl(1 \rightarrow 3)- β -L-rhamnopyranosyl(1 \rightarrow 2)- β -L-arabinopyranoside (OA) from <i>Aralia elata</i> inhibits LPS-induced nitric oxide production by down-regulated NF- κ B in raw 264.7 cells. <i>Archives of Biochemistry and Biophysics</i> , 2007, 467, 227-233.	1.4	50
167	Silibinin suppresses PMA-induced MMP-9 expression by blocking the AP-1 activation via MAPK signaling pathways in MCF-7 human breast carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 165-171.	1.0	109
168	Disialoganglioside GD3 increases in the secretion of apoB-containing lipoproteins. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 418-423.	1.0	3
169	Overexpression of membrane sialic acid-specific sialidase Neu3 inhibits matrix metalloproteinase-9 expression in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 542-547.	1.0	27
170	Prevention of collagen-induced arthritis in mice by <i>Cervus korean</i> TEMMINCK var. <i>mantchuricus</i> Swinhoe. <i>Environmental Toxicology and Pharmacology</i> , 2007, 23, 147-153.	2.0	15
171	Inhibitory effect of <i>Uncaria sinensis</i> on human aortic smooth muscle cell migration is based on matrix metalloproteinase-9 inhibitory activity. <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 218-222.	2.0	6
172	Herbal medicine Gamgungtang down-regulates autoimmunity through induction of TH2 cytokine production by lymphocytes in experimental thyroiditis model. <i>Journal of Ethnopharmacology</i> , 2007, 109, 472-479.	2.0	6
173	Stimulative effects of <i>Ulmus davidiana</i> Planch (<i>Ulmaceae</i>) on osteoblastic MC3T3-E1 cells. <i>Journal of Ethnopharmacology</i> , 2007, 109, 480-485.	2.0	18
174	Ascochlorin suppresses oxLDL-induced MMP-9 expression by inhibiting the MEK/ERK signaling pathway in human THP-1 macrophages. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 506-514.	1.2	32
175	Chemoprevention of <i>Scutellaria bardata</i> on human cancer cells and tumorigenesis in skin cancer. <i>Phytotherapy Research</i> , 2007, 21, 135-141.	2.8	46
176	Inhibitory effect of <i>Panax notoginseng</i> on nitric oxide synthase, cyclo-oxygenase-2 and neutrophil functions. <i>Phytotherapy Research</i> , 2007, 21, 142-148.	2.8	19
177	Expression of the human CMP-NeuAc:GM3 β 2,8-sialyltransferase (GD3 synthase) gene through the NF- κ B activation in human melanoma SK-MEL-2 cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 622-630.	2.4	37
178	<i>Polygonum cuspidatum</i> , compared with baicalin and berberine, inhibits inducible nitric oxide synthase and cyclooxygenase-2 gene expressions in RAW 264.7 macrophages. <i>Vascular Pharmacology</i> , 2007, 47, 99-107.	1.0	60
179	IMMUNOSUPPRESSIVE ACTIVITY OF DEER ANTLER EXTRACTS OF <i>CERVUS KOREAN TEMMINCK VAR. MANTCHURICUS SWINHOE</i> , ON TYPE II COLLAGEN-INDUCED ARTHRITIS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2006, 42, 100.	0.7	29
180	EFFECTS OF <i>ULMUS DAVIDIANA PLANCH</i> ON MINERALIZATION, BONE MORPHOGENETIC PROTEIN-2, ALKALINE PHOSPHATASE, TYPE I COLLAGEN, AND COLLAGENASE-1 IN BONE CELLS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2006, 42, 225.	0.7	20

#	ARTICLE	IF	CITATIONS
181	Proteome Analysis of Responses to Ascochlorin in a Human Osteosarcoma Cell Line by 2-D Gel Electrophoresis and MALDI-TOF MS. <i>Journal of Proteome Research</i> , 2006, 5, 2620-2631.	1.8	33
182	The naturally occurring biflavonoid, ochnaflavone, inhibits LPS-induced iNOS expression, which is mediated by ERK1/2 via NF- κ B regulation, in RAW264.7 cells. <i>Archives of Biochemistry and Biophysics</i> , 2006, 447, 136-146.	1.4	88
183	Induction of mitochondria-mediated apoptosis by methanol fraction of <i>Ulmus davidiana</i> Planch (Ulmaceae) in U87 glioblastoma cells. <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 136-141.	2.0	13
184	Effects and mechanisms of <i>Clematis mandshurica</i> Maxim. as a dual inhibitor of proinflammatory cytokines on adjuvant arthritis in rats. <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 205-212.	2.0	9
185	Molecular mechanisms involved in transcriptional activation of the human Sia- α 2,3-Gal- β 1,4-GlcNAc-R: α 2,8-sialyltransferase (hST8Sia III) gene induced by KCl in human glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1057-1064.	1.0	5
186	<i>Raphanus sativus</i> and its isothiocyanates inhibit vascular smooth muscle cells proliferation and induce G1 cell cycle arrest. <i>International Immunopharmacology</i> , 2006, 6, 854-861.	1.7	44
187	Effects of bee venom on protease activities and free radical damages in synovial fluid from type II collagen-induced rheumatoid arthritis rats. <i>Toxicology in Vitro</i> , 2006, 20, 1465-1471.	1.1	44
188	<i>Salvia miltiorrhiza</i> radix increases dopamine release of rat and pheochromocytoma PC12 cells. <i>Phytotherapy Research</i> , 2006, 20, 191-199.	2.8	8
189	Pharmacological Characterization of Orally Active Cholinesterase Inhibitory Activity of <i>Prunus persica</i> L. Batsch in Rats. <i>Journal of Molecular Neuroscience</i> , 2006, 29, 101-108.	1.1	14
190	Alteration of the substrate specificity of <i>Thermus caldophilus</i> ADP-glucose pyrophosphorylase by random mutagenesis through error-prone polymerase chain reaction. <i>Glycoconjugate Journal</i> , 2006, 23, 619-625.	1.4	8
191	Inhibitory effect of <i>Salvia miltiorrhiza</i> BGE on matrix metalloproteinase-9 activity and migration of TNF- α -induced human aortic smooth muscle cells. <i>Vascular Pharmacology</i> , 2006, 44, 345-353.	1.0	22
192	Transcriptional regulation of the human Sia- α 2,3-Gal- β 1,4-GlcNAc-R: α 2,8-sialyltransferase (hST8Sia III) by retinoic acid in human glioblastoma tumor cell line. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006, 1759, 451-457.	2.4	5
193	Cryptotanshinone from <i>Salvia miltiorrhiza</i> BUNGE has an inhibitory effect on TNF- α -induced matrix metalloproteinase-9 production and HASMC migration via down-regulated NF- κ B and AP-1. <i>Biochemical Pharmacology</i> , 2006, 72, 1680-1689.	2.0	56
194	Ochnaflavone inhibits TNF- α -induced human VSMC proliferation via regulation of cell cycle, ERK1/2, and MMP-9. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 1298-1307.	1.2	44
195	Transcriptional regulation of the human GD3 synthase gene expression in Fas-induced Jurkat T cells: a critical role of transcription factor NF- κ B in regulated expression. <i>Glycobiology</i> , 2006, 16, 375-389.	1.3	33
196	Ganglioside GM3 modulates tumor suppressor PTEN-mediated cell cycle progression and transcriptional induction of p21WAF1 and p27kip1 by inhibition of PI-3K/AKT pathway. <i>Glycobiology</i> , 2006, 16, 573-583.	1.3	61
197	Ganglioside GM3 is involved in neuronal cell death. <i>FASEB Journal</i> , 2006, 20, 1248-1250.	0.2	73
198	Reactive oxygen species mediates disialoganglioside GD3-induced inhibition of ERK1/2 and matrix metalloproteinase-9 expression in vascular smooth muscle cells. <i>FASEB Journal</i> , 2006, 20, 1387-1395.	0.2	29

#	ARTICLE	IF	CITATIONS
199	Regulation of IGF-I production and proliferation of human leiomyomal smooth muscle cells by D. Don in vitro: isolation of flavonoids of apigenin and luteolin as acting compounds. <i>Toxicology and Applied Pharmacology</i> , 2005, 205, 213-224.	1.3	54
200	Ascochlorin Inhibits Matrix Metalloproteinase-9 Expression by Suppressing Activator Protein-1-mediated Gene Expression through the ERK1/2 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 25202-25209.	1.6	119
201	Anti-bone resorption activity of deer antler aqua-acupuncture, the pilose antler of <i>Cervus korean TEMMINCK</i> var. <i>mantchuricus</i> Swinhoe (Nokyong) in adjuvant-induced arthritic rats. <i>Journal of Ethnopharmacology</i> , 2005, 96, 497-506.	2.0	32
202	Suppressive effects of a water extract of <i>Ulmus davidiana</i> Planch (Ulmaceae) on collagen-induced arthritis in mice. <i>Journal of Ethnopharmacology</i> , 2005, 97, 65-71.	2.0	27
203	Effect of bee venom on aromatase expression and activity in leukaemic FLG 29.1 and primary osteoblastic cells. <i>Journal of Ethnopharmacology</i> , 2005, 99, 245-252.	2.0	19
204	A Korean herbal medicine, <i>Panax notoginseng</i> , prevents liver fibrosis and hepatic microvascular dysfunction in rats. <i>Life Sciences</i> , 2005, 76, 1675-1690.	2.0	55
205	Caffeic acid phenyl ester in propolis is a strong inhibitor of matrix metalloproteinase-9 and invasion inhibitor: Isolation and identification. <i>Clinica Chimica Acta</i> , 2005, 362, 57-64.	0.5	64
206	PGE2 induces the gene expression of bone matrix metalloproteinase-1 in mouse osteoblasts by cAMP-PKA signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 375-385.	1.2	39
207	Inhibitory effect of <i>Buthus martensi</i> Karsch extracts on interleukin-1 β -induced expression of nitric oxide (NO) synthase and production of NO in human chondrocytes and LPS-induced NO and prostaglandin E2 production in mouse peritoneal macrophages. <i>Toxicology in Vitro</i> , 2005, 19, 757-769.	1.1	15
208	Epigallocatechin-3-gallate causes the p21/WAF1-mediated G1-phase arrest of cell cycle and inhibits matrix metalloproteinase-9 expression in TNF- α -induced vascular smooth muscle cells. <i>Archives of Biochemistry and Biophysics</i> , 2005, 435, 264-272.	1.4	66
209	Hepatitis B viral HBx induces matrix metalloproteinase-9 gene expression through activation of ERKs and PI3K/AKT pathways: Involvement of invasive potential. <i>FASEB Journal</i> , 2004, 18, 1123-1125.	0.2	296
210	Molecular mechanism for transcriptional activation of ganglioside GM3 synthase and its function in differentiation of HL-60 cells. <i>Glycobiology</i> , 2004, 15, 233-244.	1.3	48
211	Disialoganglioside (GD3) Synthase Gene Expression Suppresses Vascular Smooth Muscle Cell Responses via the Inhibition of ERK1/2 Phosphorylation, Cell Cycle Progression, and Matrix Metalloproteinase-9 Expression. <i>Journal of Biological Chemistry</i> , 2004, 279, 33063-33070.	1.6	64
212	Novel and therapeutic effect of caffeic acid and caffeic acid phenyl ester on hepatocarcinoma cells: complete regression of hepatoma growth and metastasis by dual mechanism. <i>FASEB Journal</i> , 2004, 18, 1670-1681.	0.2	407
213	The Hepatitis B Virus X Protein Inhibits Secretion of Apolipoprotein B by Enhancing the Expression of N-Acetylglucosaminyltransferase III. <i>Journal of Biological Chemistry</i> , 2004, 279, 28106-28112.	1.6	69
214	Elevated expression of bisecting N-acetylglucosaminyltransferase-III gene in a human fetal hepatocyte cell line by hepatitis B virus. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2004, 19, 1374-1387.	1.4	14
215	Inhibitory effect of Cho-Deung-San on human aortic smooth muscle cell migration induced by TNF- α through inhibition of matrix metalloproteinase-2 and -9 activity. <i>Vascular Pharmacology</i> , 2004, 41, 83-90.	1.0	24
216	<i>Salviae miltiorrhizae</i> Radix Inhibits Superoxide Generation by Activated Rat Microglia and Mimics the Action of Amphetamine on in vitro Rat Striatal Dopamine Release. <i>Neurochemical Research</i> , 2004, 29, 1837-1845.	1.6	27

#	ARTICLE	IF	CITATIONS
217	ERK1/2 mediates TNF- α -induced matrix metalloproteinase-9 expression in human vascular smooth muscle cells via the regulation of NF- κ B and AP-1: Involvement of the ras dependent pathway. <i>Journal of Cellular Physiology</i> , 2004, 198, 417-427.	2.0	276
218	Inhibitory Effects of <i>Scutellaria Barbata</i> D. Don. and <i>Euonymus Alatus</i> Sieb. on Aromatase Activity of Human Leiomyoma Cells. <i>Immunopharmacology and Immunotoxicology</i> , 2004, 26, 315-327.	1.1	28
219	Effects of TGF- β 2, TNF- α , IL-1 β and IL-6 alone or in combination, and tyrosine kinase inhibitor on cyclooxygenase expression, prostaglandin E2 production and bone resorption in mouse calvarial bone cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2270-2280.	1.2	49
220	Association of a high activity of matrix metalloproteinase-9 to low levels of tissue inhibitors of metalloproteinase-1 and -3 in human hepatitis B-viral hepatoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2293-2306.	1.2	36
221	Overexpression of GD3 synthase induces apoptosis of vascular endothelial ECV304 cells through downregulation of Bcl-2. <i>FEBS Letters</i> , 2004, 568, 183-187.	1.3	8
222	Corrigendum to: Overexpression of GD3 synthase induces apoptosis of ECV304 cells through downregulation of Bcl-2 (FEBS 28485) [FEBS Letters 568 (2004) 183-187]. <i>FEBS Letters</i> , 2004, 576, 499-499.	1.3	1
223	Overexpression of transglutaminase 2 accelerates the erythroid differentiation of human chronic myelogenous leukemia K562 cell line through PI3K/Akt signaling pathway. <i>FEBS Letters</i> , 2004, 577, 361-366.	1.3	25
224	Involvement of CREB in the transcriptional regulation of the human GM3 synthase (hST3Gal V) gene during megakaryocytoid differentiation of human leukemia K562 cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 142-147.	1.0	29
225	PGE2 induces IL-1 β gene expression in mouse osteoblasts through a cAMP/PKA signaling pathway. <i>International Immunopharmacology</i> , 2004, 4, 779-789.	1.7	28
226	Protective and anti-arthritis effects of deer antler aqua-acupuncture (DAA), inhibiting dihydroorotate dehydrogenase, on phosphate ions-mediated chondrocyte apoptosis and rat collagen-induced arthritis. <i>International Immunopharmacology</i> , 2004, 4, 963-973.	1.7	59
227	Immunopotentiating and antitumor activities of the purified polysaccharides from <i>Phellodendron chinense</i> SCHNEID. <i>Life Sciences</i> , 2004, 75, 2621-2632.	2.0	36
228	Anti-amylase-pullulanase enzyme monoclonals which specifically inhibit amylase or pullulanase activity. <i>Archives of Biochemistry and Biophysics</i> , 2004, 421, 227-235.	1.4	0
229	Inhibitory effects of <i>Scutellaria barbata</i> D. Don on human uterine leiomyoma smooth muscle cell proliferation through cell cycle analysis. <i>International Immunopharmacology</i> , 2004, 4, 447-454.	1.7	28
230	Effect of Herbal Medicines on Cytokine-Induced Cytotoxicity and Major Histocompatibility Complex (MHC) Class II Antigen Expression in Rat Thyroid Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 371-374.	0.6	7
231	Molecular characterization of membrane type and ganglioside-specific sialidase (Neu3) expressed in <i>E. coli</i> . <i>Molecules and Cells</i> , 2004, 17, 267-73.	1.0	26
232	Inulin stimulates NO synthesis via activation of PKC- ζ and protein tyrosine kinase, resulting in the activation of NF- κ B by IFN- γ -primed RAW 264.7 cells. <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 598-605.	1.9	34
233	Inhibition of <i>Drynariae Rhizoma</i> extracts on bone resorption mediated by processing of cathepsin K in cultured mouse osteoclasts. <i>International Immunopharmacology</i> , 2003, 3, 1685-1697.	1.7	42
234	A water-extract of the Korean traditional formulation Gejji-Bokryung-Hwan reduces atherosclerosis and hypercholesterolemia in cholesterol-fed rabbits. <i>International Immunopharmacology</i> , 2003, 3, 723-734.	1.7	40

#	ARTICLE	IF	CITATIONS
235	Transcriptional regulation of the human GM3 synthase (hST3Gal V) gene during monocytic differentiation of HL-60 cells. <i>FEBS Letters</i> , 2003, 555, 204-208.	1.3	25
236	In vitro cellular aging is associated with enhanced proliferative capacity, G1 cell cycle modulation, and matrix metalloproteinase-9 regulation in mouse aortic smooth muscle cells. <i>Archives of Biochemistry and Biophysics</i> , 2003, 418, 39-48.	1.4	37
237	Quercetin exerts multiple inhibitory effects on vascular smooth muscle cells: role of ERK1/2, cell-cycle regulation, and matrix metalloproteinase-9. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 1069-1078.	1.0	155
238	Effects of 13-alkyl-substituted berberine alkaloids on the expression of COX-II, TNF- α , iNOS, and IL-12 production in LPS-stimulated macrophages. <i>Life Sciences</i> , 2003, 73, 1401-1412.	2.0	124
239	Genomic structure and promoter analysis of human NeuAc β 2,3Gal β 1,3GalNAc β 2,6-sialyltransferase (hST6GalNAc IV) gene. <i>Gene</i> , 2003, 305, 113-120.	1.0	12
240	Inhibitory effect of methanol extract of <i>Euonymus alatus</i> on matrix metalloproteinase-9. <i>Journal of Ethnopharmacology</i> , 2003, 85, 163-167.	2.0	45
241	Inhibitory effects of deer antler aqua-acupuncture, the pilose antler of <i>Cervus korean TEMMINCK</i> var. <i>mantchuricus</i> Swinhoe, on type II collagen-induced arthritis in rats. <i>International Immunopharmacology</i> , 2003, 3, 1001-1010.	1.7	30
242	IL-1 β Induces and TGF- β 2 Reduces Vitamin D3-Induced Bone Resorption in Mouse Calvarial Bone Cells. <i>Immunological Investigations</i> , 2003, 32, 171-186.	1.0	9
243	Interleukin-1 and Tumor Necrosis Factor- α Induce Collagenolysis and Bone Resorption by Regulation of Matrix Metalloproteinase-2 in Mouse Calvarial Bone Cells. <i>Immunopharmacology and Immunotoxicology</i> , 2003, 25, 347-364.	1.1	13
244	Hepatitis B Virus X protein modulates the expression of PTEN by inhibiting the function of p53, a transcriptional activator in liver cells. <i>Cancer Research</i> , 2003, 63, 3453-8.	0.4	109
245	Enhanced expression of matrix metalloproteinase-9 by hepatitis B virus infection in liver cells. <i>Archives of Biochemistry and Biophysics</i> , 2002, 408, 147-154.	1.4	69
246	IL-1 β REGULATES CELLULAR PROLIFERATION, PROSTAGLANDIN E2 SYNTHESIS, PLASMINOGEN ACTIVATOR ACTIVITY, OSTEOCALCIN PRODUCTION, AND BONE RESORPTIVE ACTIVITY OF THE MOUSE CALVARIAL BONE CELLS. <i>Immunopharmacology and Immunotoxicology</i> , 2002, 24, 395-407.	1.1	33
247	Inhibitory effect of a Korean traditional medicine, Honghwain (water extracts of <i>Carthamus</i>) Tj ETQq1 1 0.784314 rgBT /Oveth. <i>Ethnopharmacology</i> , 2002, 79, 143-148.	2.0	40
248	Isolation and characterization of the promoter region of the human GM3 synthase gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1578, 84-89.	2.4	43
249	<i>Bombicis corpus</i> extract prevents amyloid- β -induced cytotoxicity and protects superoxide dismutase activity in cultured rat astrocytes. <i>Pharmacological Research</i> , 2001, 43, 11-16.	3.1	22
250	Genomic structure of human GM3 synthase gene (hST3Gal V) and identification of mRNA isoforms in the 5'-untranslated region. <i>Gene</i> , 2001, 273, 163-171.	1.0	36
251	Inhibitory effect on immunoglobulin E production in vivo and in vitro by <i>Siegesbeckia glabrescens</i> . <i>Phytotherapy Research</i> , 2001, 15, 572-576.	2.8	32
252	Molecular cloning and functional expression of the rfaE gene required for lipopolysaccharide biosynthesis in <i>Salmonella typhimurium</i> . <i>Glycoconjugate Journal</i> , 2001, 18, 779-787.	1.4	11

#	ARTICLE	IF	CITATIONS
253	Inhibition of Heat Shock-Induced Apoptosis by Peppermint Oil in Astrocytes. <i>Journal of Molecular Neuroscience</i> , 2001, 17, 391-396.	1.1	4
254	Expression of Bisecting N-Acetylglucosaminyltransferase-III in Human Hepatocarcinoma Tissues, Fetal Liver Tissues, and Hepatoma Cell Lines of Hep3B and HepG2. <i>Cancer Investigation</i> , 2001, 19, 799-807.	0.6	32
255	Title is missing!. <i>Biotechnology Letters</i> , 2000, 22, 201-204.	1.1	5
256	Antimutagenic activity of soybeans fermented with basidiomycetes in Ames/Salmonella test. <i>Biotechnology Letters</i> , 2000, 22, 1197-1202.	1.1	22
257	Immune-stimulating properties of polysaccharides from <i>Phellodendri</i> cortex (Hwangbek). <i>Glycoconjugate Journal</i> , 1999, 16, 247-252.	1.4	20
258	Molecular Cloning and Expression of an Endo- β -1,4-D-glucanase I (Avicelase I) Gene from <i>Bacillus cellulyticus</i> K-12 and Characterization of the Recombinant Enzyme. <i>Applied Biochemistry and Biotechnology</i> , 1999, 80, 121-140.	1.4	10
259	Inhibitory Effects of Streptozotocin, Tumor Necrosis Factor- α , and Interleukin-1 β on Glucokinase Activity in Pancreatic Islets and Gene Expression of GLUT2 and Glucokinase. <i>Archives of Biochemistry and Biophysics</i> , 1999, 362, 217-224.	1.4	43
260	Sequence analysis of the 5' flanking region of the gene encoding human N-acetylglucosaminyltransferase III. <i>Gene</i> , 1996, 170, 281-283.	1.0	21
261	Biotransformation of uridine monophosphate (UMP) and glucose to uridine diphosphate-glucose (UDPG) by <i>Candida saitoana</i> KCTC7249 cells. <i>Applied Biochemistry and Biotechnology</i> , 1996, 60, 41-48.	1.4	14
262	Cloning and expression of raw-starch-digesting α -amylase gene from <i>Bacillus circulans</i> F-2 in <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990, 1048, 223-230.	2.4	15