

# Sung-Hoon Kim

## List of Publications by Year in descending order

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340  
papers

11,993  
citations

28274

55  
h-index

62596

80  
g-index

355  
all docs

355  
docs citations

355  
times ranked

15921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Redefining Chronic Inflammation in Aging and Age-Related Diseases: Proposal of the Senoinflammation Concept. , 2019, 10, 367.		314
2	Anti-Cancer, Anti-Diabetic and Other Pharmacologic and Biological Activities of Penta-Galloyl-Glucose. Pharmaceutical Research, 2009, 26, 2066-2080.	3.5	253
3	Tanshinones: Sources, Pharmacokinetics and Anti-Cancer Activities. International Journal of Molecular Sciences, 2012, 13, 13621-13666.	4.1	200
4	Alpha-Pinene Exhibits Anti-Inflammatory Activity Through the Suppression of MAPKs and the NF- $\kappa$ B Pathway in Mouse Peritoneal Macrophages. The American Journal of Chinese Medicine, 2015, 43, 731-742.	3.8	187
5	Molecular targets of isothiocyanates in cancer: Recent advances. Molecular Nutrition and Food Research, 2014, 58, 1685-1707.	3.3	157
6	$\beta$ -Hydroxybutyrate suppresses inflammasome formation by ameliorating endoplasmic reticulum stress via AMPK activation. Oncotarget, 2016, 7, 66444-66454.	1.8	134
7	Bergamottin, a natural furanocoumarin obtained from grapefruit juice induces chemosensitization and apoptosis through the inhibition of STAT3 signaling pathway in tumor cells. Cancer Letters, 2014, 354, 153-163.	7.2	133
8	Resveratrol inhibits STAT3 signaling pathway through the induction of SOCS-1: Role in apoptosis induction and radiosensitization in head and neck tumor cells. Phytomedicine, 2016, 23, 566-577.	5.3	131
9	Meta-Analysis of Massage Therapy on Cancer Pain. Integrative Cancer Therapies, 2015, 14, 297-304.	2.0	124
10	Ginsenoside Rd inhibits the expressions of iNOS and COX-2 by suppressing NF- $\kappa$ B in LPS-stimulated RAW264.7 cells and mouse liver. Journal of Ginseng Research, 2013, 37, 54-63.	5.7	122
11	Modulation of age-related NF- $\kappa$ B activation by dietary zingerone via MAPK pathway. Experimental Gerontology, 2010, 45, 419-426.	2.8	118
12	Phenethyl isothiocyanate: A comprehensive review of anti-cancer mechanisms. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1846, 405-424.	7.4	117
13	$\beta$ -caryophyllene oxide inhibits constitutive and inducible STAT3 signaling pathway through induction of the SHP-1 protein tyrosine phosphatase. Molecular Carcinogenesis, 2014, 53, 793-806.	2.7	116
14	Caspase-9 as a therapeutic target for treating cancer. Expert Opinion on Therapeutic Targets, 2015, 19, 113-127.	3.4	115
15	Potent Antiandrogen and Androgen Receptor Activities of an Angelica gigas-Containing Herbal Formulation: Identification of Decursin as a Novel and Active Compound with Implications for Prevention and Treatment of Prostate Cancer. Cancer Research, 2006, 66, 453-463.	0.9	113
16	Penta- O -galloyl-beta- d -glucose suppresses tumor growth via inhibition of angiogenesis and stimulation of apoptosis: roles of cyclooxygenase-2 and mitogen-activated protein kinase pathways. Carcinogenesis, 2005, 26, 1436-1445.	2.8	112
17	Paeonol inhibits anaphylactic reaction by regulating histamine and TNF- $\alpha$ . International Immunopharmacology, 2004, 4, 279-287.	3.8	110
18	Identification of campesterol from Chrysanthemum coronarium L. and its antiangiogenic activities. Phytotherapy Research, 2007, 21, 954-959.	5.8	108

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19	Suppression of age-related inflammatory NF- $\kappa$ B activation by cinnamaldehyde. <i>Biogerontology</i> , 2007, 8, 545-554.	3.9	107
20	Farnesol inhibits tumor growth and enhances the anticancer effects of bortezomib in multiple myeloma xenograft mouse model through the modulation of STAT3 signaling pathway. <i>Cancer Letters</i> , 2015, 360, 280-293.	7.2	107
21	The activation of NF- $\kappa$ B through Akt-induced FOXO1 phosphorylation during aging and its modulation by calorie restriction. <i>Biogerontology</i> , 2008, 9, 33-47.	3.9	99
22	Penta-1,2,3,4,6-O-galloyl- $\beta$ -D-glucose induces p53 and inhibits STAT3 in prostate cancer cells <i>in vitro</i> and suppresses prostate xenograft tumor growth <i>in vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2681-2691.	4.1	99
23	Mitochondria-cytochrome C-caspase-9 cascade mediates isorhamnetin-induced apoptosis. <i>Cancer Letters</i> , 2008, 270, 342-353.	7.2	94
24	Upregulation of miRNA3195 and miRNA374b Mediates the Anti-Angiogenic Properties of Melatonin in Hypoxic PC-3 Prostate Cancer Cells. <i>Journal of Cancer</i> , 2015, 6, 19-28.	2.5	91
25	Potent inhibition of Lewis lung cancer growth by heyneanol A from the roots of <i>Vitis amurensis</i> through apoptotic and anti-angiogenic activities. <i>Carcinogenesis</i> , 2006, 27, 2059-2069.	2.8	82
26	Melatonin synergistically enhances cisplatin-induced apoptosis via the dephosphorylation of ERK/p90 ribosomal S6 kinase/heat shock protein $\alpha$ 27 in SKNSH cells. <i>Journal of Pineal Research</i> , 2012, 52, 244-252.	7.4	82
27	Role of Forkhead Box Class O proteins in cancer progression and metastasis. <i>Seminars in Cancer Biology</i> , 2018, 50, 142-151.	9.6	82
28	A Hexane Fraction of Guava Leaves ( <i>Psidium guajava</i> L.) Induces Anticancer Activity by Suppressing AKT/Mammalian Target of Rapamycin/Ribosomal p70 S6 Kinase in Human Prostate Cancer Cells. <i>Journal of Medicinal Food</i> , 2012, 15, 231-241.	1.5	81
29	The anti-inflammatory potential of Cortex Phellodendron <i>in vivo</i> and <i>in vitro</i> : Down-regulation of NO and iNOS through suppression of NF- $\kappa$ B and MAPK activation. <i>International Immunopharmacology</i> , 2014, 19, 214-220.	3.8	81
30	Reactive Oxygen Species and p53 Mediated Activation of p38 and Caspases is Critically Involved in Kaempferol Induced Apoptosis in Colorectal Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9960-9967.	5.2	81
31	Piperine Causes G1 Phase Cell Cycle Arrest and Apoptosis in Melanoma Cells through Checkpoint Kinase-1 Activation. <i>PLoS ONE</i> , 2014, 9, e94298.	2.5	80
32	Anti-cancer and Other Bioactivities of Korean <i>Angelica gigas</i> Nakai (AGN) and Its Major Pyranocoumarin Compounds. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 1239-1254.	1.7	79
33	Tanshinone IIA Induces Mitochondria Dependent Apoptosis in Prostate Cancer Cells in Association with an Inhibition of Phosphoinositide 3-Kinase/AKT Pathway. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1828-1834.	1.4	77
34	Suppression of STAT3 and HIF-1 Alpha Mediates Anti-Angiogenic Activity of Betulinic Acid in Hypoxic PC-3 Prostate Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e21492.	2.5	76
35	Cyclooxygenase-2/prostaglandin E2 pathway mediates icaraside II induced apoptosis in human PC-3 prostate cancer cells. <i>Cancer Letters</i> , 2009, 280, 93-100.	7.2	75
36	Mechanisms of Action of Phytochemicals from Medicinal Herbs in the Treatment of Alzheimer's Disease. <i>Planta Medica</i> , 2014, 80, 1249-1258.	1.3	75

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37	<i>In vivo</i> Anti-Cancer Activity of Korean <i>Angelica Gigas</i> and its Major Pyranocoumarin Decursin. <i>The American Journal of Chinese Medicine</i> , 2009, 37, 127-142.	3.8	74
38	Oral administration of penta-O-galloyl- $\beta$ -D-glucose suppresses triple-negative breast cancer xenograft growth and metastasis in strong association with JAK1-STAT3 inhibition. <i>Carcinogenesis</i> , 2011, 32, 804-811.	2.8	73
39	Protease-activated receptor 2 induces ROS-mediated inflammation through Akt-mediated NF- $\kappa$ B and FoxO6 modulation during skin photoaging. <i>Redox Biology</i> , 2021, 44, 102022.	9.0	73
40	Molecular networks of FOXP family: dual biologic functions, interplay with other molecules and clinical implications in cancer progression. <i>Molecular Cancer</i> , 2019, 18, 180.	19.2	72
41	Tanshinone IIA Induces Autophagic Cell Death via Activation of AMPK and ERK and Inhibition of mTOR and p70 S6K in KBM $\kappa$ 5 Leukemia Cells. <i>Phytotherapy Research</i> , 2014, 28, 458-464.	5.8	70
42	Inhibition of $\beta$ -Catenin signaling suppresses pancreatic tumor growth by disrupting nuclear $\beta$ -Catenin/TCF-1 complex: Critical role of STAT-3. <i>Oncotarget</i> , 2015, 6, 11561-11574.	1.8	70
43	Anethole Exerts Antimetastatic Activity via Inhibition of Matrix Metalloproteinase 2/9 and AKT/Mitogen-Activated Kinase/Nuclear Factor Kappa B Signaling Pathways. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 41-46.	1.4	69
44	Emodin Inhibits Proinflammatory Responses and Inactivates Histone Deacetylase 1 in Hypoxic Rheumatoid Synoviocytes. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1432-1437.	1.4	67
45	An oriental herbal cocktail, ka-mi-kae-kyuk-tang, exerts anti-cancer activities by targeting angiogenesis, apoptosis and metastasis. <i>Carcinogenesis</i> , 2006, 27, 2455-2463.	2.8	66
46	Brazilin Induces Apoptosis and G2/M Arrest via Inactivation of Histone Deacetylase in Multiple Myeloma U266 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9882-9889.	5.2	66
47	Korean Red Ginseng and Ginsenoside-Rb1/-Rg1 Alleviate Experimental Autoimmune Encephalomyelitis by Suppressing Th1 and Th17 Cells and Upregulating Regulatory T Cells. <i>Molecular Neurobiology</i> , 2016, 53, 1977-2002.	4.0	65
48	Shikonin, Acetylshikonin, and Isobutyroylshikonin Inhibit VEGF-induced Angiogenesis and Suppress Tumor Growth in Lewis Lung Carcinoma-bearing Mice. <i>Yakugaku Zasshi</i> , 2008, 128, 1681-1688.	0.2	63
49	Janus activated kinase 2/signal transducer and activator of transcription 3 pathway mediates icariside II-induced apoptosis in U266 multiple myeloma cells. <i>European Journal of Pharmacology</i> , 2011, 654, 10-16.	3.5	62
50	Inhibition of the PI3K-Akt/PKB survival pathway enhanced an ethanol extract of <i>Rhus verniciflua</i> Stokes-induced apoptosis via a mitochondrial pathway in AGS gastric cancer cell lines. <i>Cancer Letters</i> , 2008, 265, 197-205.	7.2	61
51	<i>Rhus verniciflua</i> Stokes prevents cisplatin-induced cytotoxicity and reactive oxygen species production in MDCK-I renal cells and intact mice. <i>Phytomedicine</i> , 2009, 16, 188-197.	5.3	61
52	Activation of reactive oxygen species/AMP activated protein kinase signaling mediates fisetin-induced apoptosis in multiple myeloma U266 cells. <i>Cancer Letters</i> , 2012, 319, 197-202.	7.2	60
53	6 $\beta$ -Shogaol exerts anti-proliferative and pro-apoptotic effects through the modulation of STAT3 and MAPKs signaling pathways. <i>Molecular Carcinogenesis</i> , 2015, 54, 1132-1146.	2.7	60
54	FoxO1 Plays an Important Role in Regulating $\beta$ -Cell Compensation for Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2016, 157, 1055-1070.	2.8	60

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55	The critical role played by endotoxin-induced liver autophagy in the maintenance of lipid metabolism during sepsis. <i>Autophagy</i> , 2017, 13, 1113-1129.	9.1	60
56	Methylene chloride fraction of <i>Scutellaria barbata</i> induces apoptosis in human U937 leukemia cells via the mitochondrial signaling pathway. <i>Clinica Chimica Acta</i> , 2004, 348, 41-48.	1.1	59
57	Galbanic Acid Isolated from <i>Ferula assafoetida</i> Exerts In Vivo Anti-tumor Activity in Association with Anti-angiogenesis and Anti-proliferation. <i>Pharmaceutical Research</i> , 2011, 28, 597-609.	3.5	58
58	Ursolic Acid Induces Apoptosis in Colorectal Cancer Cells Partially via Upregulation of MicroRNA-4500 and Inhibition of JAK2/STAT3 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 114.	4.1	58
59	Methanol extract of <i>Dioscoreae Rhizoma</i> inhibits pro-inflammatory cytokines and mediators in the synoviocytes of rheumatoid arthritis. <i>International Immunopharmacology</i> , 2004, 4, 1489-1497.	3.8	57
60	A novel class of pyranocoumarin anti- $\alpha$ -androgen receptor signaling compounds. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 907-917.	4.1	57
61	Herbal Compound Farnesiferol C Exerts Antiangiogenic and Antitumor Activity and Targets Multiple Aspects of VEGFR1 (Flt1) or VEGFR2 (Flk1) Signaling Cascades. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 389-399.	4.1	57
62	<i>Ocimum sanctum</i> induces apoptosis in A549 lung cancer cells and suppresses the <i>in vivo</i> growth of lewis lung carcinoma cells. <i>Phytotherapy Research</i> , 2009, 23, 1385-1391.	5.8	56
63	Compound K Inhibits Basic Fibroblast Growth Factor-Induced Angiogenesis via Regulation of p38 Mitogen Activated Protein Kinase and AKT in Human Umbilical Vein Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 945-950.	1.4	56
64	Ursolic Acid from <i>Oldenlandia diffusa</i> Induces Apoptosis via Activation of Caspases and Phosphorylation of Glycogen Synthase Kinase 3 Beta in SK-OV-3 Ovarian Cancer Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1022-1028.	1.4	55
65	Antitumor activities of a newly synthesized shikonin derivative, 2-hyim-DMNQ-S-33. <i>Cancer Letters</i> , 2001, 172, 171-175.	7.2	54
66	Short-term feeding of baicalin inhibits age-associated NF- $\kappa$ B activation. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 719-725.	4.6	54
67	Icariside II Induces Apoptosis in U937 Acute Myeloid Leukemia Cells: Role of Inactivation of STAT3-Related Signaling. <i>PLoS ONE</i> , 2012, 7, e28706.	2.5	54
68	Cryptotanshinone enhances TNF- $\alpha$ -induced apoptosis in chronic myeloid leukemia KBM-5 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 696-707.	4.9	52
69	The underlying mechanism of proinflammatory NF- $\kappa$ B activation by the mTORC2/Akt/IKK pathway during skin aging. <i>Oncotarget</i> , 2016, 7, 52685-52694.	1.8	52
70	Antiangiogenic phytochemicals and medicinal herbs. <i>Phytotherapy Research</i> , 2011, 25, 1-10.	5.8	51
71	Bee Venom Acupuncture Alleviates Experimental Autoimmune Encephalomyelitis by Upregulating Regulatory T Cells and Suppressing Th1 and Th17 Responses. <i>Molecular Neurobiology</i> , 2016, 53, 1419-1445.	4.0	51
72	Molecular Study of Dietary Heptadecane for the Anti-Inflammatory Modulation of NF- $\kappa$ B in the Aged Kidney. <i>PLoS ONE</i> , 2013, 8, e59316.	2.5	51

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73	Inhibition of c-Jun N-terminal kinase and nuclear factor $\kappa$ B pathways mediates fisetin-exerted anti-inflammatory activity in lipopolysaccharide-treated RAW264.7 cells. <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 645-650.	2.4	50
74	Anti-inflammatory action of $\beta$ -hydroxybutyrate via modulation of PGC-1 $\alpha$ and FoxO1, mimicking calorie restriction. <i>Aging</i> , 2019, 11, 1283-1304.	3.1	50
75	Are there new therapeutic options for treating lung cancer based on herbal medicines and their metabolites?. <i>Journal of Ethnopharmacology</i> , 2011, 138, 652-661.	4.1	49
76	Oxidative stress induces inactivation of protein phosphatase 2A, promoting proinflammatory NF- $\kappa$ B in aged rat kidney. <i>Free Radical Biology and Medicine</i> , 2013, 61, 206-217.	2.9	49
77	Cambodian <i>Phellinus linteus</i> Inhibits Experimental Metastasis of Melanoma Cells in Mice via Regulation of Urokinase Type Plasminogen Activator. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 27-31.	1.4	48
78	Tanshinones from Chinese Medicinal Herb Danshen ( <i>Salvia miltiorrhiza</i> Bunge) Suppress Prostate Cancer Growth and Androgen Receptor Signaling. <i>Pharmaceutical Research</i> , 2012, 29, 1595-1608.	3.5	48
79	Naphthazarin Derivatives (VI): Synthesis, Inhibitory Effect on DNA Topoisomerase-I and Antiproliferative Activity of 2- or 6-(1-Oxyiminoalkyl)-5,8-dimethoxy-1,4-naphthoquinones. <i>Archiv Der Pharmazie</i> , 2000, 333, 87-92.	4.1	47
80	Penta-O-galloyl- $\beta$ -D-glucose induces G1arrest and DNA replicative S-phase arrest independently of P21 cyclin-dependent kinase inhibitor 1A, P27 cyclin-dependent kinase inhibitor 1B and P53 in human breast cancer cells and is orally active against triple-negative xenograft growth. <i>Breast Cancer Research</i> , 2010, 12, R67.	5.0	47
81	Upregulation of microRNA135a-3p and death receptor 5 plays a critical role in Tanshinone I sensitized prostate cancer cells to TRAIL induced apoptosis. <i>Oncotarget</i> , 2014, 5, 5624-5636.	1.8	47
82	Cinobufagin exerts anti-proliferative and pro-apoptotic effects through the modulation ROS-mediated MAPKs signaling pathway. <i>Immunopharmacology and Immunotoxicology</i> , 2015, 37, 265-273.	2.4	47
83	Molecular Insights into SIRT1 Protection Against UVB-Induced Skin Fibroblast Senescence by Suppression of Oxidative Stress and p53 Acetylation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 959-968.	3.6	47
84	Cortex Mori Radicis extract exerts antiasthmatic effects via enhancement of CD4+CD25+Foxp3+ regulatory T cells and inhibition of Th2 cytokines in a mouse asthma model. <i>Journal of Ethnopharmacology</i> , 2011, 138, 40-46.	4.1	46
85	Inhibition of Wnt/ $\beta$ -catenin signaling mediates ursolic acid-induced apoptosis in PC-3 prostate cancer cells. <i>Pharmacological Reports</i> , 2013, 65, 1366-1374.	3.3	46
86	Zerumbone Suppresses Osteopontin-Induced Cell Invasion Through Inhibiting the FAK/AKT/ROCK Pathway in Human Non-Small Cell Lung Cancer A549 Cells. <i>Journal of Natural Products</i> , 2016, 79, 156-160.	3.0	46
87	Pentagalloylglucose induces autophagy and caspase-independent programmed deaths in human PC-3 and mouse TRAMP-C2 prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2833-2843.	4.1	45
88	Effect of betaine on hepatic insulin resistance through FOXO1-induced NLRP3 inflammasome. <i>Journal of Nutritional Biochemistry</i> , 2017, 45, 104-114.	4.2	45
89	CNOT2 promotes proliferation and angiogenesis via VEGF signaling in MDA-MB-231 breast cancer cells. <i>Cancer Letters</i> , 2018, 412, 88-98.	7.2	45
90	Anti-Wrinkle Effect of Magnesium Lithospermate B from <i>Salvia miltiorrhiza</i> BUNGE: Inhibition of MMPs via NF- $\kappa$ B Signaling. <i>PLoS ONE</i> , 2014, 9, e102689.	2.5	45

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91	Ginsenoside Rc modulates Akt/FoxO1 pathways and suppresses oxidative stress. Archives of Pharmacal Research, 2014, 37, 813-820.	6.3	44
92	Artesunate suppresses tumor growth and induces apoptosis through the modulation of multiple oncogenic cascades in a chronic myeloid leukemia xenograft mouse model. Oncotarget, 2015, 6, 4020-4035.	1.8	44
93	Activation of p53 Signaling and Inhibition of Androgen Receptor Mediate Tanshinone IIA Induced G1 Arrest in LNCaP Prostate Cancer Cells. Phytotherapy Research, 2012, 26, 669-674.	5.8	43
94	Essential Oil of <i>Pinus koraiensis</i> Leaves Exerts Antihyperlipidemic Effects via Upregulation of Low-density Lipoprotein Receptor and Inhibition of Acyl-coenzyme A: Cholesterol Acyltransferase. Phytotherapy Research, 2012, 26, 1314-1319.	5.8	43
95	The heparan sulfate mimetic PG545 interferes with Wnt/ $\beta$ -catenin signaling and significantly suppresses pancreatic tumorigenesis alone and in combination with gemcitabine. Oncotarget, 2015, 6, 4992-5004.	1.8	43
96	Penta-O-galloyl-beta-D-glucose induces S- and G1-cell cycle arrests in prostate cancer cells targeting DNA replication and cyclin D1. Carcinogenesis, 2009, 30, 818-823.	2.8	42
97	Brassinin Combined with Capsaicin Enhances Apoptotic and Antimetastatic Effects in PC-3 Human Prostate Cancer Cells. Phytotherapy Research, 2015, 29, 1828-1836.	5.8	42
98	Agrobacterium-mediated transformation system for large-scale production of transgenic chinese cabbage ( <i>Brassica rapa</i> L. ssp. <i>pekinensis</i> ) plants for insertional mutagenesis. Journal of Plant Biology, 2004, 47, 300-306.	2.1	41
99	Ginkgetin induces apoptosis via activation of caspase and inhibition of survival genes in PC-3 prostate cancer cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2692-2695.	2.2	41
100	Reactive Oxygen Species-Mediated Activation of AMP-Activated Protein Kinase and c-Jun N-terminal Kinase Plays a Critical Role in Beta-Sitosterol-Induced Apoptosis in Multiple Myeloma U266 cells. Phytotherapy Research, 2014, 28, 387-394.	5.8	41
101	Effects of Korean red ginseng and its mixed prescription on the high molecular weight dextran-induced blood stasis in rats and human platelet aggregation. Journal of Ethnopharmacology, 2001, 77, 259-264.	4.1	40
102	Anti-nephrolithic potential of resveratrol via inhibition of ROS, MCP-1, hyaluronan and osteopontin in vitro and in vivo. Pharmacological Reports, 2013, 65, 970-979.	3.3	40
103	Caspase inhibitors: a review of recently patented compounds (2013-2015). Expert Opinion on Therapeutic Patents, 2018, 28, 47-59.	5.0	40
104	Melatonin Suppresses the Expression of 45S Preribosomal RNA and Upstream Binding Factor and Enhances the Antitumor Activity of Puromycin in MDA-MB-231 Breast Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	39
105	Rare sugar d-allose induces programmed cell death in hormone refractory prostate cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1121-1134.	4.9	38
106	Paeonol Exerts Anti-angiogenic and Anti-metastatic Activities through Downmodulation of Akt Activation and Inactivation of Matrix Metalloproteinases. Biological and Pharmaceutical Bulletin, 2009, 32, 1142-1147.	1.4	38
107	Cytoprotective mechanism of baicalin against endothelial cell damage by peroxynitrite. Journal of Pharmacy and Pharmacology, 2010, 57, 1581-1590.	2.4	38
108	Ethanol extract of <i>Ocimum sanctum</i> exerts anti-metastatic activity through inactivation of matrix metalloproteinase-9 and enhancement of anti-oxidant enzymes. Food and Chemical Toxicology, 2010, 48, 1478-1482.	3.6	38

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109	Inhibition of JAK1/STAT3 signaling mediates compound K-induced apoptosis in human multiple myeloma U266 cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 1367-1372.	3.6	37
110	1,2,3,4,6-Penta-O-galloyl-beta-D-glucose reduces renal crystallization and oxidative stress in a hyperoxaluric rat model. <i>Kidney International</i> , 2011, 79, 538-545.	5.2	37
111	Gallotannin Suppresses Calcium Oxalate Crystal Binding and Oxalate-Induced Oxidative Stress in Renal Epithelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 539-544.	1.4	37
112	FoxO6-mediated IL-1 $\beta$ induces hepatic insulin resistance and age-related inflammation via the TF/PAR2 pathway in aging and diabetic mice. <i>Redox Biology</i> , 2019, 24, 101184.	9.0	37
113	Ergosterol Peroxide from Flowers of <i>Erigeron annuus</i> L. as an Anti-Atherosclerosis Agent. <i>Archives of Pharmacal Research</i> , 2005, 28, 541-545.	6.3	36
114	Oriental herbs as a source of novel anti-androgen and prostate cancer chemopreventive agents. <i>Acta Pharmacologica Sinica</i> , 2007, 28, 1365-1372.	6.1	36
115	The roles of FoxOs in modulation of aging by calorie restriction. <i>Biogerontology</i> , 2015, 16, 1-14.	3.9	36
116	Melatonin disturbs SUMOylation-mediated crosstalk between Myc and nestin via MT1 activation and promotes the sensitivity of paclitaxel in brain cancer stem cells. <i>Journal of Pineal Research</i> , 2018, 65, e12496.	7.4	36
117	Caspase Activation and Extracellular Signal-Regulated Kinase/Akt Inhibition Were Involved in Luteolin-Induced Apoptosis in Lewis Lung Carcinoma Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1095, 598-611.	3.8	35
118	Antiplatelet and antithrombotic activity of indole-3-carbinol <i>in vitro</i> and <i>in vivo</i> . <i>Phytotherapy Research</i> , 2008, 22, 58-64.	5.8	35
119	Apoptosis Induced by Tanshinone IIA and Cryptotanshinone Is Mediated by Distinct JAK/STAT3/5 and SHP1/2 Signaling in Chronic Myeloid Leukemia K562 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	1.2	35
120	Modulation of signal transduction pathways by natural compounds in cancer. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 730-742.	1.3	35
121	The Genome-Wide Expression Profile of 1,2,3,4,6-Penta-O-Galloyl- $\beta$ -D-Glucose-Treated MDA-MB-231 Breast Cancer Cells: Molecular Target on Cancer Metabolism. <i>Molecules and Cells</i> , 2011, 32, 123-132.	2.6	34
122	Mechanisms of the Anticancer Effects of Isothiocyanates. <i>The Enzymes</i> , 2015, 37, 111-137.	1.7	34
123	Ginkgetin Blocks Constitutive STAT3 Activation and Induces Apoptosis through Induction of SHP1 and PTEN Tyrosine Phosphatases. <i>Phytotherapy Research</i> , 2016, 30, 567-576.	5.8	34
124	Decursin enhances TRAIL-induced apoptosis through oxidative stress mediated endoplasmic reticulum stress signalling in non-small cell lung cancers. <i>British Journal of Pharmacology</i> , 2016, 173, 1033-1044.	5.4	34
125	Anti-Aging Effects of Calorie Restriction (CR) and CR Mimetics Based on the Senoinflammation Concept. <i>Nutrients</i> , 2020, 12, 422.	4.1	34
126	Age-related sensitivity to endotoxin-induced liver inflammation: Implication of inflammasome/IL-1 $\beta$ for steatohepatitis. <i>Aging Cell</i> , 2015, 14, 524-533.	6.7	33



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127	Zinc finger protein 746 promotes colorectal cancer progression via c-Myc stability mediated by glycogen synthase kinase 3 $\beta$ and F-box and WD repeat domain-containing 7. <i>Oncogene</i> , 2018, 37, 3715-3728.	5.9	33
128	Inhibition of cyclooxygenase-2-dependent survivin mediates decursin-induced apoptosis in human KBM-5 myeloid leukemia cells. <i>Cancer Letters</i> , 2010, 298, 212-221.	7.2	32
129	Coumestrol suppresses hypoxia inducible factor 1 $\alpha$ by inhibiting ROS mediated sphingosine kinase 1 in hypoxic PC-3 prostate cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2560-2564.	2.2	32
130	Apoptotic Effect of Galbanic Acid via Activation of Caspases and Inhibition of Mcl-1 in H460 Non-small Lung Carcinoma Cells. <i>Phytotherapy Research</i> , 2015, 29, 844-849.	5.8	32
131	Auraptene Induces Apoptosis via Myeloid Cell Leukemia 1-Mediated Activation of Caspases in PC3 and DU145 Prostate Cancer Cells. <i>Phytotherapy Research</i> , 2017, 31, 891-898.	5.8	32
132	Natural Products for Pancreatic Cancer Treatment: From Traditional Medicine to Modern Drug Discovery. <i>Nutrients</i> , 2021, 13, 3801.	4.1	32
133	Paeonol Oxime Inhibits bFGF-Induced Angiogenesis and Reduces VEGF Levels in Fibrosarcoma Cells. <i>PLoS ONE</i> , 2010, 5, e12358.	2.5	31
134	MicroRNA134 Mediated Upregulation of JNK and Downregulation of NF $\kappa$ B Signalings Are Critically Involved in Dieckol Induced Antihepatic Fibrosis. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5508-5514.	5.2	31
135	The Anti-Wrinkle Mechanism of Melatonin in UVB Treated HaCaT Keratinocytes and Hairless Mice via Inhibition of ROS and Sonic Hedgehog Mediated Inflammatory Proteins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1995.	4.1	31
136	Adiponectin Ameliorates Experimental Periodontitis in Diet-Induced Obesity Mice. <i>PLoS ONE</i> , 2014, 9, e97824.	2.5	31
137	Galbanic acid decreases androgen receptor abundance and signaling and induces G $\alpha$ 1 arrest in prostate cancer cells. <i>International Journal of Cancer</i> , 2012, 130, 200-212.	5.1	30
138	Topical application of <i>Kochia scoparia</i> inhibits the development of contact dermatitis in mice. <i>Journal of Ethnopharmacology</i> , 2014, 154, 380-385.	4.1	30
139	Activation of Caspase-3 and Inhibition of Epithelial Mesenchymal Transition are Critically Involved in Antitumor Effect of Phytol in Hepatocellular Carcinoma Cells. <i>Phytotherapy Research</i> , 2015, 29, 1026-1031.	5.8	30
140	<i>Hovenia Dulcis</i> Extract Reduces Lipid Accumulation in Oleic Acid-Induced Steatosis of Hep G2 Cells via Activation of AMPK and PPAR $\alpha$ /CPT $\alpha$ Pathway and in Acute Hyperlipidemia Mouse Model. <i>Phytotherapy Research</i> , 2017, 31, 132-139.	5.8	30
141	Inhibition of protein kinase C $\beta$ 2 and activation of c-Jun NH2-terminal kinase mediate glycyrrhetic acid induced apoptosis in non-small cell lung cancer NCI-H460 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1188-1191.	2.2	29
142	Blockage of epithelial to mesenchymal transition and upregulation of let 7b are critically involved in ursolic acid induced apoptosis in malignant mesothelioma cell. <i>International Journal of Biological Sciences</i> , 2016, 12, 1279-1288.	6.4	29
143	Morusin induces apoptosis by regulating expression of Bax and Survivin in human breast cancer cells. <i>Oncology Letters</i> , 2017, 13, 4558-4562.	1.8	29
144	Decursin Prevents Cisplatin-Induced Apoptosis via the Enhancement of Antioxidant Enzymes in Human Renal Epithelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1279-1284.	1.4	28

#	ARTICLE	IF	CITATIONS
145	Effects of <i>Ilex dentata</i> water extract and caffeic acid on allergic inflammation in vivo and in vitro. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 196.	3.7	28
146	Blockage of STAT3 Signaling Pathway by Morusin Induces Apoptosis and Inhibits Invasion in Human Pancreatic Tumor Cells. <i>Pancreas</i> , 2016, 45, 409-419.	1.1	28
147	Antitumor Effect of Pyrogallol via miR-134 Mediated S Phase Arrest and Inhibition of PI3K/AKT/Skp2/cMyc Signaling in Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3985.	4.1	28
148	Beneficial Effects of Astragaloside IV for Hair Loss via Inhibition of Fas/Fas L-Mediated Apoptotic Signaling. <i>PLoS ONE</i> , 2014, 9, e92984.	2.5	28
149	Heyneanol A induces apoptosis via cytochrome c release and caspase activation in human leukemic U937 cells. <i>Life Sciences</i> , 2004, 74, 2313-2326.	4.3	27
150	Activation of c-Jun N-Terminal Kinase Mediates Tanshinone IIA-Induced Apoptosis in KBM-5 Chronic Myeloid Leukemia Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 208-214.	1.4	27
151	Essential oil of <i>Pinus koraiensis</i> inhibits cell proliferation and migration via inhibition of p21-activated kinase 1 pathway in HCT116 colorectal cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 275.	3.7	27
152	A derivative of epigallocatechin gallate induces apoptosis via SHP-1-mediated suppression of BCR-ABL and STAT3 signalling in chronic myelogenous leukaemia. <i>British Journal of Pharmacology</i> , 2015, 172, 3565-3578.	5.4	27
153	Rho-associated kinase signaling is required for osteopontin-induced cell invasion through inactivating cofilin in human non-small cell lung cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1956-1960.	2.2	27
154	Recent Advances in Nanotechnology with Nano-Phytochemicals: Molecular Mechanisms and Clinical Implications in Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3571.	4.1	27
155	Down-regulation of phosphoglucomutase 3 mediates sulforaphane-induced cell death in LNCaP prostate cancer cells. <i>Proteome Science</i> , 2010, 8, 67.	1.7	26
156	Fermented <i>Rhus verniciflua</i> Stokes Extract Exerts an Antihepatic Lipogenic Effect in Oleic-Acid-Induced HepG2 Cells via Upregulation of AMP-Activated Protein Kinase. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7270-7276.	5.2	26
157	Apoptotic Effect of Astragaloside in Melanoma Skin Cancers via Activation of Caspases and Inhibition of Sry-related HMG-Box Gene 10. <i>Phytotherapy Research</i> , 2017, 31, 1614-1620.	5.8	26
158	MiR-657/ATF2 Signaling Pathway Has a Critical Role in <i>Spatholobus suberectus</i> Dunn Extract-Induced Apoptosis in U266 and U937 Cells. <i>Cancers</i> , 2019, 11, 150.	3.7	26
159	p53-Dependent Apoptotic Effect of Puromycin via Binding of Ribosomal Protein L5 and L11 to MDM2 and its Combination Effect with RITA or Doxorubicin. <i>Cancers</i> , 2019, 11, 582.	3.7	26
160	Activation of proinflammatory signaling by 4-hydroxynonenal-Src adducts in aged kidneys. <i>Oncotarget</i> , 2016, 7, 50864-50874.	1.8	26
161	Anti-cancer gallotannin penta-O-galloyl-beta-D-glucose is a nanomolar inhibitor of select mammalian DNA polymerases. <i>Biochemical Pharmacology</i> , 2010, 80, 1125-1132.	4.4	25
162	Signal transducer and activator of transcription 3 pathway mediates genipin-induced apoptosis in U266 multiple myeloma cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1552-1562.	2.6	25

#	ARTICLE	IF	CITATIONS
163	Decursin and Doxorubicin Are in Synergy for the Induction of Apoptosis via STAT3 and/or mTOR Pathways in Human Multiple Myeloma Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	1.2	25
164	NEDD9 Inhibition by miR-25-5p Activation Is Critically Involved in Co-Treatment of Melatonin- and Pterostilbene-Induced Apoptosis in Colorectal Cancer Cells. Cancers, 2019, 11, 1684.	3.7	25
165	Colocalization of MID1IP1 and c-Myc is Critically Involved in Liver Cancer Growth via Regulation of Ribosomal Protein L5 and L11 and CNOT2. Cells, 2020, 9, 985.	4.1	25
166	Morusin induces cell death through inactivating STAT3 signaling in prostate cancer cells. American Journal of Cancer Research, 2015, 5, 289-99.	1.4	25
167	1,2,3,4,6-Penta-O-gallylo-beta-D-glucose Suppresses Hypoxia-Induced Accumulation of Hypoxia-Inducible Factor-1.ALPHA. and Signaling in LNCaP Prostate Cancer Cells. Biological and Pharmaceutical Bulletin, 2010, 33, 1835-1840.	1.4	24
168	Inhibition of Hypoxia Inducible Factor Alpha and Astrocyte-Elevated Gene-1 Mediates Cryptotanshinone Exerted Antitumor Activity in Hypoxic PC-3 Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-13.	1.2	24
169	Analgesic and anti-inflammatory effects of ethyl acetate fraction of <i>Polygonum cuspidatum</i> in experimental animals. Immunopharmacology and Immunotoxicology, 2012, 34, 191-195.	2.4	24
170	Urokinase-type plasminogen activator expression and Rac1/WAVE-2/Arp2/3 pathway are blocked by pterostilbene to suppress cell migration and invasion in MDA-MB-231 cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1176-1179.	2.2	24
171	Ethanol extract of <i>Pinus koraiensis</i> leaves containing lambertianic acid exerts anti-obesity and hypolipidemic effects by activating adenosine monophosphate-activated protein kinase (AMPK). BMC Complementary and Alternative Medicine, 2016, 16, 51.	3.7	24
172	Regulation of SIRT1/AMPK axis is critically involved in gallotannin-induced senescence and impaired autophagy leading to cell death in hepatocellular carcinoma cells. Archives of Toxicology, 2018, 92, 241-257.	4.2	24
173	$\beta$ -Hydroxybutyrate Suppresses Lipid Accumulation in Aged Liver through GPR109A-mediated Signaling. , 2020, 11, 777.		24
174	Activation of AMP-Activated Protein Kinase $\alpha$ and Extracellular Signal-Regulated Kinase Mediates CB-PIC-Induced Apoptosis in Hypoxic SW620 Colorectal Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	23
175	Inhibition of ZNF746 suppresses invasion and epithelial to mesenchymal transition in H460 non-small cell lung cancer cells. Oncology Reports, 2014, 31, 73-78.	2.6	23
176	Evaluation of the Novel Synthetic Tyrosinase Inhibitor (Z)-3-(3-bromo-4-hydroxybenzylidene)thiochroman-4-one (MHY1498) In Vitro and In Silico. Molecules, 2018, 23, 3307.	3.8	23
177	<i>Thermomonas koreensis</i> sp. nov., a mesophilic bacterium isolated from a ginseng field. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1615-1619.	1.7	22
178	6-(1-Oxobutyl)-5,8-dimethoxy-1,4-naphthoquinone inhibits lewis lung cancer by antiangiogenesis and apoptosis. International Journal of Cancer, 2007, 120, 2481-2490.	5.1	22
179	Modulation of FoxO1 phosphorylation/acetylation by baicalin during aging. Journal of Nutritional Biochemistry, 2012, 23, 1277-1284.	4.2	22
180	Ethanol Extract of <i>Oldenlandia diffusa</i> Herba Attenuates Scopolamine-Induced Cognitive Impairments in Mice via Activation of BDNF, P-CREB and Inhibition of Acetylcholinesterase. International Journal of Molecular Sciences, 2018, 19, 363.	4.1	22

#	ARTICLE	IF	CITATIONS
181	Hypolipogenic Effect of Shikimic Acid Via Inhibition of MID1IP1 and Phosphorylation of AMPK/ACC. <i>International Journal of Molecular Sciences</i> , 2019, 20, 582.	4.1	22
182	Dibutyl phthalate impairs neural progenitor cell proliferation and hippocampal neurogenesis. <i>Food and Chemical Toxicology</i> , 2019, 129, 239-248.	3.6	22
183	Src Tyrosine Kinase Activation by 4-Hydroxynonenal Upregulates p38, ERK/AP-1 Signaling and COX-2 Expression in YPEN-1 Cells. <i>PLoS ONE</i> , 2015, 10, e0129244.	2.5	22
184	Penta-O-galloyl- $\beta$ -D-glucose attenuates cisplatin-induced nephrotoxicity via reactive oxygen species reduction in renal epithelial cells and enhances antitumor activity in Caki-2 renal cancer cells. <i>Toxicology in Vitro</i> , 2012, 26, 206-214.	2.4	21
185	Neuroprotective changes in degeneration-related gene expression in the substantia nigra following acupuncture in an MPTP mouse model of Parkinsonism: Microarray analysis. <i>Genetics and Molecular Biology</i> , 2015, 38, 115-127.	1.3	21
186	Embelin Inhibits Invasion and Migration of MDA-MB-231 Breast Cancer Cells by Suppression of CXC Chemokine Receptor 4, Matrix Metalloproteinases-9/2, and Epithelial-Mesenchymal Transition. <i>Phytotherapy Research</i> , 2016, 30, 1021-1032.	5.8	21
187	Activation of JNK and IRE1 is critically involved in tanshinone I-induced p62 dependent autophagy in malignant pleural mesothelioma cells: implication of p62 UBA domain. <i>Oncotarget</i> , 2017, 8, 25032-25045.	1.8	21
188	miR-211 Plays a Critical Role in <i>Cnidium officinale</i> Makino Extract-Induced, ROS/ER Stress-Mediated Apoptosis in U937 and U266 Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 865.	4.1	21
189	PKC $\delta$ and cofilin activation affects peripheral actin reorganization and cell-cell contact in cells expressing integrin $\beta$ 5 but not its tailless mutant. <i>Journal of Cell Science</i> , 2007, 120, 2717-2730.	2.0	20
190	Reactive oxygen species-mediated activation of JNK and down-regulation of DAXX are critically involved in penta-O-galloyl-beta-D-glucose-induced apoptosis in chronic myeloid leukemia K562 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 530-537.	2.1	20
191	The essential role of FoxO6 phosphorylation in aging and calorie restriction. <i>Age</i> , 2014, 36, 9679.	3.0	20
192	Molecular Mechanism of Betaine on Hepatic Lipid Metabolism: Inhibition of Forkhead Box O1 (FoxO1) Binding to Peroxisome Proliferator-Activated Receptor Gamma (PPAR $\gamma$ ). <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6819-6825.	5.2	20
193	Anti-Metastatic Effect of Dehydrocorydaline on H1299 Non-Small Cell Lung Carcinoma Cells via Inhibition of Matrix Metalloproteinases and B Cell Lymphoma 2. <i>Phytotherapy Research</i> , 2017, 31, 441-448.	5.8	20
194	Magnesium Lithospermate B from <i>Salvia miltiorrhiza</i> Bunge Ameliorates Aging-Induced Renal Inflammation and Senescence via NADPH Oxidase-Mediated Reactive Oxygen Generation. <i>Phytotherapy Research</i> , 2017, 31, 721-728.	5.8	20
195	A PPAR Pan Agonist, MHY2013 Alleviates Age-Related Hepatic Lipid Accumulation by Promoting Fatty Acid Oxidation and Suppressing Inflammation. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 29-35.	1.4	20
196	Apoptotic and antihepatofibrotic effect of honokiol via activation of GSK3 $\beta$ and suppression of Wnt/ $\beta$ -catenin pathway in hepatic stellate cells. <i>Phytotherapy Research</i> , 2021, 35, 452-462.	5.8	20
197	Anti-inflammatory effect of <i>Rhus verniviflua</i> Stokes by suppression of iNOS-mediated Akt and ERK pathways: in-vitro and in-vivo studies. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 679-687.	2.4	19
198	Regulation of Crosstalk between Epithelial to Mesenchymal Transition Molecules and MMP-9 Mediates the Antimetastatic Activity of Anethole in DU145 Prostate Cancer Cells. <i>Journal of Natural Products</i> , 2014, 77, 63-69.	3.0	19

#	ARTICLE	IF	CITATIONS
199	Effects of MHY908, a New Synthetic PPAR $\alpha$ / $\beta$ Dual Agonist, on Inflammatory Responses and Insulin Resistance in Aged Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 300-309.	3.6	19
200	Implications of Bcl-2 and its interplay with other molecules and signaling pathways in prostate cancer progression. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 911-920.	3.4	19
201	The involvement of serum exosomal miR-500-3p and miR-770-3p in aging: modulation by calorie restriction. <i>Oncotarget</i> , 2018, 9, 5578-5587.	1.8	19
202	Galbanic acid potentiates TRAIL induced apoptosis in resistant non-small cell lung cancer cells via inhibition of MDR1 and activation of caspases and DR5. <i>European Journal of Pharmacology</i> , 2019, 847, 91-96.	3.5	19
203	FoxO6 inhibits melanogenesis partly by elevating intracellular antioxidant capacity. <i>Redox Biology</i> , 2020, 36, 101624.	9.0	19
204	Rhapontigenin Inhibited Hypoxia Inducible Factor 1 Alpha Accumulation and Angiogenesis in Hypoxic PC-3 Prostate Cancer Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 850-855.	1.4	18
205	Hydrocinchonine, cinchonine, and quinidine potentiate paclitaxel-induced cytotoxicity and apoptosis via multidrug resistance reversal in MES-SA/DX5 uterine sarcoma cells. <i>Environmental Toxicology</i> , 2011, 26, 424-431.	4.0	18
206	Special AT-rich sequence-binding protein 2 and its related genes play key roles in the differentiation of MC3T3-E1 osteoblast like cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 697-703.	2.1	18
207	Suppression of E-cadherin Mediates Gallotannin Induced Apoptosis in Hep G2 Hepatocellular Carcinoma Cells. <i>International Journal of Biological Sciences</i> , 2014, 10, 490-499.	6.4	18
208	Chinese Prescription Kangen-karyu and Salviae Miltiorrhizae Radix Improve Age-Related Oxidative Stress and Inflammatory Response through the PI3K/Akt or MAPK Pathways. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 987-1005.	3.8	18
209	Decursin Exerts Anti-cancer Activity in MDA-MB-231 Breast Cancer Cells Via Inhibition of the Pin1 Activity and Enhancement of the Pin1/p53 Association. <i>Phytotherapy Research</i> , 2014, 28, 238-244.	5.8	18
210	Chemopreventive effect of Korean <i>Angelica</i> root extract on TRAMP carcinogenesis and integrative omic-profiling of affected neuroendocrine carcinomas. <i>Molecular Carcinogenesis</i> , 2015, 54, 1567-1583.	2.7	18
211	c-Jun N-terminal Kinase-Dependent Endoplasmic Reticulum Stress Pathway is Critically Involved in Arjunic Acid Induced Apoptosis in Non-Small Cell Lung Cancer Cells. <i>Phytotherapy Research</i> , 2016, 30, 596-603.	5.8	18
212	Novel SIRT1 activator MHY2233 improves glucose tolerance and reduces hepatic lipid accumulation in db/db mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 684-688.	2.2	18
213	Apoptotic effect of lambertianic acid through AMPK/FOXO1 signaling in MDA-MB231 breast cancer cells. <i>Phytotherapy Research</i> , 2018, 32, 1755-1763.	5.8	18
214	Lambertianic Acid Sensitizes Non-Small Cell Lung Cancers to TRAIL-Induced Apoptosis via Inhibition of XIAP/NF- $\kappa$ B and Activation of Caspases and Death Receptor 4. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1476.	4.1	18
215	Apoptotic effect of compound K in hepatocellular carcinoma cells via inhibition of glycolysis and Akt/mTOR/c-Myc signaling. <i>Phytotherapy Research</i> , 2021, 35, 3812-3820.	5.8	18
216	Involvement of NF- $\kappa$ BIZ and related cytokines in age-associated renal fibrosis. <i>Oncotarget</i> , 2017, 8, 7315-7327.	1.8	18

#	ARTICLE	IF	CITATIONS
217	Novel PPAR $\alpha$ agonist MHY553 alleviates hepatic steatosis by increasing fatty acid oxidation and decreasing inflammation during aging. <i>Oncotarget</i> , 2017, 8, 46273-46285.	1.8	18
218	MMP2-A2M interaction increases ECM accumulation in aged rat kidney and its modulation by calorie restriction. <i>Oncotarget</i> , 2018, 9, 5588-5599.	1.8	18
219	Mylabris phalerlata induces apoptosis by caspase activation following cytochrome c release and Bid cleavage. <i>Life Sciences</i> , 2003, 73, 2249-2262.	4.3	17
220	Kalopanaxsaponin A induces apoptosis in human leukemia U937 cells through extracellular Ca <sup>2+</sup> influx and caspase-8 dependent pathways. <i>Food and Chemical Toxicology</i> , 2008, 46, 3486-3492.	3.6	17
221	1,2,3,4,6-penta-O-galloyl-beta-d-glucose attenuates renal cell migration, hyaluronan expression, and crystal adhesion. <i>European Journal of Pharmacology</i> , 2009, 606, 32-37.	3.5	17
222	Protective mechanism of Korean Red Ginseng in cisplatin-induced ototoxicity through attenuation of nuclear factor- $\kappa$ B and caspase-1 activation. <i>Molecular Medicine Reports</i> , 2015, 12, 315-322.	2.4	17
223	Chemopreventive Effects of Korean Angelica versus Its Major Pyranocoumarins on Two Lineages of Transgenic Adenocarcinoma of Mouse Prostate Carcinogenesis. <i>Cancer Prevention Research</i> , 2015, 8, 835-844.	1.5	17
224	Inhibition of Wnt3a/FOXM1/ $\beta$ -Catenin Axis and Activation of GSK3 $\beta$ and Caspases are Critically Involved in Apoptotic Effect of Moracin D in Breast Cancers. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2681.	4.1	17
225	Quinoline derivative KB3-1 potentiates paclitaxel induced cytotoxicity and cycle arrest via multidrug resistance reversal in MES-SA/DX5 cancer cells. <i>Life Sciences</i> , 2008, 83, 700-708.	4.3	16
226	Proteomic analysis of mesenchymal stem-like cells derived from ovarian teratoma: Potential role of glutathione S-transferase M2 in ovarian teratoma. <i>Proteomics</i> , 2011, 11, 352-360.	2.2	16
227	CCR4-NOT2 Promotes the Differentiation and Lipogenesis of 3T3-L1 Adipocytes via Upregulation of PPAR $\alpha$ , CEBP $\alpha$ and Inhibition of P-GSK3 $\beta$ and $\beta$ -Catenin. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1881-1889.	1.6	16
228	(Z)-5-(2,4-Dihydroxybenzylidene)thiazolidine-2,4-dione Prevents UVB-Induced Melanogenesis and Wrinkle Formation through Suppressing Oxidative Stress in HRM-2 Hairless Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	4.0	16
229	Dietary Compounds for Targeting Prostate Cancer. <i>Nutrients</i> , 2019, 11, 2401.	4.1	16
230	Antitumor Effect of Morusin via G1 Arrest and Antiglycolysis by AMPK Activation in Hepatocellular Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10619.	4.1	16
231	Reactive oxygen species dependent phosphorylation of the liver kinase B1/AMP activated protein kinase/ acetyl-CoA carboxylase signaling is critically involved in apoptotic effect of lambertianic acid in hepatocellular carcinoma cells. <i>Oncotarget</i> , 2017, 8, 70116-70129.	1.8	16
232	Antimetastatic and immunomodulating properties of a new herbal prescription, Bojung-bangam-tang. <i>International Immunopharmacology</i> , 2003, 3, 147-157.	3.8	15
233	Inhibitory activity of 6-O-angeloylprenolin from <i>Centipeda minima</i> on farnesyl protein transferase. <i>Archives of Pharmacal Research</i> , 2006, 29, 64-66.	6.3	15
234	Anti-Androgen Receptor Signaling and Prostate Cancer Inhibitory Effects of Sucrose- and Benzophenone-Compounds. <i>Pharmaceutical Research</i> , 2009, 26, 1140-1148.	3.5	15

#	ARTICLE	IF	CITATIONS
235	Polygoni Rhizoma Inhibits Inflammatory Response through Inactivation of Nuclear Factor- $\kappa$ B and Mitogen Activated Protein Kinase Signaling Pathways in RAW264.7 Mouse Macrophage Cells. <i>Phytotherapy Research</i> , 2012, 26, 239-245.	5.8	15
236	Anti-Diabetic Potential of the Essential Oil of <i>Pinus koraiensis</i> Leaves toward Streptozotocin-Treated Mice and HIT-T15 Pancreatic $\beta$ Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1997-2001.	1.3	15
237	The Ameliorative Effect of Sophoricoside on Mast Cell-Mediated Allergic Inflammation in Vivo and in Vitro. <i>Molecules</i> , 2013, 18, 6113-6127.	3.8	15
238	(2R/S,4R)-2-(2,4-Dihydroxyphenyl)thiazolidine-4-carboxylic acid prevents UV-induced wrinkle formation through inhibiting NF- $\kappa$ B-mediated inflammation. <i>Journal of Dermatological Science</i> , 2015, 79, 313-316.	1.9	15
239	Reactive oxygen species-mediated phosphorylation of p38 signaling is critically involved in apoptotic effect of Tanshinone I in colon cancer cells. <i>Phytotherapy Research</i> , 2018, 32, 1975-1982.	5.8	15
240	The Pivotal Role of Long Noncoding RNA RAB51F in the Proliferation of Hepatocellular Carcinoma Via LGR5 Mediated $\beta$ -Catenin and c-Myc Signaling. <i>Biomolecules</i> , 2019, 9, 718.	4.0	15
241	Senoinflammation: A major mediator underlying age-related metabolic dysregulation. <i>Experimental Gerontology</i> , 2020, 134, 110891.	2.8	15
242	Caspase and mitogen activated protein kinase pathways are involved in <i>Solanum lyratum</i> herba induced apoptosis. <i>Journal of Ethnopharmacology</i> , 2009, 123, 121-127.	4.1	14
243	A synthetic decursin analog with increased in vivo stability suppresses androgen receptor signaling in vitro and in vivo. <i>Investigational New Drugs</i> , 2012, 30, 1820-1829.	2.6	14
244	CXCR4 and PTEN are involved in the anti-metastatic regulation of anethole in DU145 prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 557-562.	2.1	14
245	Inauhzin(c) Inactivates c-Myc Independently of p53. <i>Cancer Biology and Therapy</i> , 2015, 16, 412-419.	3.4	14
246	Mechanism of Action of Magnesium Lithospermate B against Aging and Obesity-Induced ER Stress, Insulin Resistance, and Inflammation Formation in the Liver. <i>Molecules</i> , 2018, 23, 2098.	3.8	14
247	CNOT2 Is Critically Involved in Atorvastatin Induced Apoptotic and Autophagic Cell Death in Non-Small Cell Lung Cancers. <i>Cancers</i> , 2019, 11, 1470.	3.7	14
248	Pivotal role of PD-1/PD-L1 immune checkpoints in immune escape and cancer progression: Their interplay with platelets and FOXP3+Tregs related molecules, clinical implications and combinational potential with phytochemicals. <i>Seminars in Cancer Biology</i> , 2022, 86, 1033-1057.	9.6	14
249	Immune functions as a ligand or a receptor, cancer prognosis potential, clinical implication of VISTA in cancer immunotherapy. <i>Seminars in Cancer Biology</i> , 2022, 86, 1066-1075.	9.6	14
250	CNOT2 promotes degradation of p62/SQSTM1 as a negative regulator in ATG5 dependent autophagy. <i>Oncotarget</i> , 2017, 8, 46034-46046.	1.8	14
251	Protein kinase C $\delta$ and $\zeta$ play critical roles in bone morphogenic protein-4-stimulated osteoblastic differentiation of MC3T3-E1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 7-12.	2.1	13
252	Inhibitory effect of ethanol extract of <i>Ocimum sanctum</i> on osteopontin mediated metastasis of NCI-H460 non-small cell lung cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 419.	3.7	13

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253	Inhibition of Myeloid Cell Leukemia 1 and Activation of Caspases Are Critically Involved in Gallothaninâ€nduced Apoptosis in Prostate Cancer Cells. <i>Phytotherapy Research</i> , 2015, 29, 1225-1236.	5.8	13
254	Novel Role of Lck in Leptin-Induced Inflammation and Implications for Renal Aging. , 2019, 10, 1174.		13
255	Organ-differential Roles of Akt/FoxOs Axis as a Key Metabolic Modulator during Aging. , 2021, 12, 1713.		13
256	Inhibition of STAT3/PD-L1 and Activation of miR193a-5p Are Critically Involved in Apoptotic Effect of Compound K in Prostate Cancer Cells. <i>Cells</i> , 2021, 10, 2151.	4.1	13
257	Inhibition of STAT3/VEGF/CDK2 axis signaling is critically involved in the antiangiogenic and apoptotic effects of arsenic herbal mixture PROS in non-small lung cancer cells. <i>Oncotarget</i> , 2017, 8, 101771-101783.	1.8	13
258	Suppression of FoxO6 by lipopolysaccharide in aged rat liver. <i>Oncotarget</i> , 2015, 6, 34143-34157.	1.8	13
259	Inhibitory activity of isorhamnetin from <i>Persicaria thunbergii</i> on Farnesyl Protein Transferase. <i>Archives of Pharmacal Research</i> , 2005, 28, 169-171.	6.3	12
260	Activation of caspases and inhibition of ribosome biogenesis mediate antitumor activity of Chijongdan in A549 non-small lung cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 420.	3.7	12
261	Aqueous extract of <i>Costus arabicus</i> inhibits calcium oxalate crystal growth and adhesion to renal epithelial cells. <i>Urolithiasis</i> , 2015, 43, 119-124.	2.0	12
262	Upregulation of Collagen Expression via PPAR <sup>Î²</sup> /Î³ Activation in Aged Skin by Magnesium Lithospermate B from <i>Salvia miltiorrhiza</i> . <i>Journal of Natural Products</i> , 2015, 78, 2110-2115.	3.0	12
263	Altered FoxO1 and PPAR <sup>Î³</sup> interaction in age-related ER stress-induced hepatic steatosis. <i>Aging</i> , 2019, 11, 4125-4144.	3.1	12
264	Protective effect of Bojungbangdocktang on cisplatin-induced cytotoxicity and apoptosis in MCF-10A breast endothelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 430-438.	4.0	11
265	Global transcriptome analysis of the <i>Escherichia coli</i> O157 response to <i>Houttuynia Cordata</i> Thunb. <i>Biochip Journal</i> , 2010, 4, 237-246.	4.9	11
266	Traditional medicine Taeumjowitangkagambang exerts antiobesity and hypolipidemic effects via antioxidant enzyme enhancement. <i>Phytotherapy Research</i> , 2010, 24, 1700-1709.	5.8	11
267	Upregulation of death receptor 5 and activation of caspase 8/3 play a critical role in ergosterol peroxide induced apoptosis in DU 145 prostate cancer cells. <i>Cancer Cell International</i> , 2014, 14, 117.	4.1	11
268	Identification of Determinants of the Utilisation of Acupuncture Treatment Using Andersen's Behavioural Model. <i>Acupuncture in Medicine</i> , 2015, 33, 129-135.	1.0	11
269	Apoptotic Effect of Sanggenol L via Caspase Activation and Inhibition of NF-Î³B Signaling in Ovarian Cancer Cells. <i>Phytotherapy Research</i> , 2016, 30, 90-96.	5.8	11
270	Farnesiferol c induces apoptosis via regulation of L11 and c-Myc with combinational potential with anticancer drugs in non-small-cell lung cancers. <i>Scientific Reports</i> , 2016, 6, 26844.	3.3	11



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271	Upregulation of P21-Activated Kinase 1 (PAK1)/CREB Axis in Squamous Non-Small Cell Lung Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 304-316.	1.6	11
272	p53 dependent LGR5 inhibition and caspase 3 activation are critically involved in apoptotic effect of compound K and its combination therapy potential in HCT116 cells. <i>Phytotherapy Research</i> , 2020, 34, 2745-2755.	5.8	11
273	PPAR $\gamma$ Agonist, MHY3200, Alleviates Renal Inflammation during Aging via Regulating ROS/Akt/FoxO1 Signaling. <i>Molecules</i> , 2021, 26, 3197.	3.8	11
274	Physiological characterization of a novel PPAR pan agonist, 2-(4-(5,6-methylenedioxybenzo[ <i>c</i> ]thiazol-2-yl)-2-methylphenoxy)-2-methylpropanoic acid (MHY2013). <i>Oncotarget</i> , 2017, 8, 16912-16924.	1.8	11
275	Blockade of glycoprotein IIb/IIIa mediates the antithrombotic activity of butanol fraction of <i>Actinostemma lobatum</i> Maxim. <i>Journal of Ethnopharmacology</i> , 2008, 116, 431-438.	4.1	10
276	Inactivation of HDAC3 and STAT3 is Critically Involved in 1-Stearoyl-sn-Glycero-3-Phosphocholine-Induced Apoptosis in Chronic Myelogenous Leukemia K562 Cells. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 1379-1389.	1.8	10
277	Essential Oil of <i>Pinus koraiensis</i> Exerts Antiobesic and Hypolipidemic Activity via Inhibition of Peroxisome Proliferator-Activated Receptors Gamma Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	1.2	10
278	PPAR $\gamma$ activation by MHY908 attenuates age-related renal inflammation through modulation of the ROS/Akt/FoxO1 pathway. <i>Experimental Gerontology</i> , 2017, 92, 87-95.	2.8	10
279	Modulation of senoinflammation by calorie restriction based on biochemical and Omics big data analysis. <i>BMB Reports</i> , 2019, 52, 56-63.	2.4	10
280	PPAR $\gamma$ Activation Alleviates Age-Associated Renal Fibrosis in Sprague Dawley Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 452-458.	3.6	10
281	Dose-response relationship between gamma-glutamyltransferase and the risk of atherosclerotic cardiovascular diseases in Korean adults. <i>Atherosclerosis</i> , 2020, 292, 152-159.	0.8	10
282	Antiangiogenic Effect of Ethanol Extract of <i>Vigna angularis</i> via Inhibition of Phosphorylation of VEGFR2, Erk, and Akt. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	1.2	9
283	Anti-Cancer Effect of Lambertianic Acid by Inhibiting the AR in LNCaP Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1066.	4.1	9
284	Small RNAs induce the activation of the pro-inflammatory TLR7 signaling pathway in aged rat kidney. <i>Aging Cell</i> , 2017, 16, 1026-1034.	6.7	9
285	Moracin D induces apoptosis in prostate cancer cells via activation of PPAR gamma/ PKC delta and inhibition of PKC alpha. <i>Phytotherapy Research</i> , 2021, , .	5.8	9
286	Shiquandabutangiaweibang inhibits tumor metastasis and angiogenesis via regulation of topoisomerase-1. <i>Journal of Ethnopharmacology</i> , 2005, 98, 157-162.	4.1	8
287	Caspase Activation and Extracellular Signal-Regulated Kinase/Akt Inhibition Were Involved in Luteolin-Induced Apoptosis in Lewis Lung Carcinoma Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 147-160.	3.8	8
288	Specific tyrosine phosphorylation of focal adhesion kinase mediated by Fer tyrosine kinase in suspended hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 781-791.	4.1	8

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289	Obovatol Induces Apoptosis in Non-small Cell Lung Cancer Cells via C/EBP Homologous Protein Activation. <i>Phytotherapy Research</i> , 2016, 30, 1841-1847.	5.8	8
290	Ethanol Extract of <i>Pinus koraiensis</i> Leaf Ameliorates Alcoholic Fatty Liver via the Activation of LKB1-AMPK Signaling <i>In Vitro</i> and <i>In Vivo</i> . <i>Phytotherapy Research</i> , 2017, 31, 783-791.	5.8	8
291	Suppression of STAT3 Phosphorylation and RelA/p65 Acetylation Mediated by MicroRNA134 Plays a Pivotal Role in the Apoptotic Effect of Lambertianic Acid. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2993.	4.1	8
292	Interaction between CHOP and FoxO6 promotes hepatic lipid accumulation. <i>Liver International</i> , 2020, 40, 2706-2718.	3.9	8
293	Epigallocatechin-3-Gallate Induces Apoptosis as a TRAIL Sensitizer via Activation of Caspase 8 and Death Receptor 5 in Human Colon Cancer Cells. <i>Biomedicines</i> , 2020, 8, 84.	3.2	8
294	Inhibition of CUG-binding protein 1 and activation of caspases are critically involved in piperazine derivative BK10007S induced apoptosis in hepatocellular carcinoma cells. <i>PLoS ONE</i> , 2017, 12, e0186490.	2.5	8
295	A lethal synergy induced by phellinus linteus and camptothecin11 in colon cancer cells. <i>Oncotarget</i> , 2018, 9, 6308-6319.	1.8	8
296	Korean Red Ginseng Extract Enhances the Anticancer Effects of Imatinib Mesylate Through Abrogation p38 and STAT5 Activation in KBM5 Cells. <i>Phytotherapy Research</i> , 2015, 29, 1062-1072.	5.8	7
297	Thio-barbiturate-derived compounds are novel antioxidants to prevent LPS-induced inflammation in the liver. <i>Oncotarget</i> , 2017, 8, 91662-91673.	1.8	7
298	Inhibition of JAK2/STAT3 and activation of caspase-9/3 are involved in KYS05090S-induced apoptosis in ovarian cancer cells. <i>International Journal of Oncology</i> , 2019, 55, 203-210.	3.3	7
299	MicroRNA216b mediated downregulation of HSP27/STAT3/ÅKT signaling is critically involved in lambertianic acid induced apoptosis in human cervical cancers. <i>Phytotherapy Research</i> , 2021, 35, 898-907.	5.8	7
300	Ribosomal protein L5 mediated inhibition of c-Myc is critically involved in sanggenon G induced apoptosis in non-small lung cancer cells. <i>Phytotherapy Research</i> , 2021, 35, 1080-1088.	5.8	7
301	MAPK regulation and caspase activation are required in DMNQ S-52 induced apoptosis in Lewis lung carcinoma cells. <i>Cancer Letters</i> , 2006, 233, 57-67.	7.2	6
302	Bojungbangdocktang inhibits vascular endothelial growth factor induced angiogenesis via blocking the VEGF/VEGFR2 signaling pathway in human umbilical vein endothelial cells. <i>Science Bulletin</i> , 2009, 54, 227-233.	9.0	6
303	Antimelanogenic activity of MHY384 via inhibition of NO-induced cGMP signalling. <i>Experimental Dermatology</i> , 2016, 25, 652-654.	2.9	6
304	Anti-rheumatoid Arthritis Effect of Kaejadan via Analgesic and Antiinflammatory Activity <i>in vivo</i> and <i>in vitro</i> . <i>Phytotherapy Research</i> , 2017, 31, 418-424.	5.8	6
305	Impacts of Calorie Restriction and Intermittent Fasting on Health and Diseases: Current Trends. <i>Nutrients</i> , 2020, 12, 2948.	4.1	6
306	Phytochemical candidates repurposing for cancer therapy and their molecular mechanisms. <i>Seminars in Cancer Biology</i> , 2021, 68, 164-174.	9.6	6

#	ARTICLE	IF	CITATIONS
307	UBE2M Drives Hepatocellular Cancer Progression as a p53 Negative Regulator by Binding to MDM2 and Ribosomal Protein L11. <i>Cancers</i> , 2021, 13, 4901.	3.7	6
308	PAR2 promotes high-fat diet-induced hepatic steatosis by inhibiting AMPK-mediated autophagy. <i>Journal of Nutritional Biochemistry</i> , 2021, 95, 108769.	4.2	6
309	BK002 Induces miR-192-5p-Mediated Apoptosis in Castration-Resistant Prostate Cancer Cells via Modulation of PI3K/CHOP. <i>Frontiers in Oncology</i> , 2022, 12, 791365.	2.8	6
310	JAK2/STAT5 signaling pathway mediates Bojungbangdocktang enhanced hematopoiesis. <i>Phytotherapy Research</i> , 2011, 25, 329-337.	5.8	5
311	Short-term intake of high fat diet aggravates renal fibrosis in aged Sprague-Dawley rats. <i>Experimental Gerontology</i> , 2020, 142, 111108.	2.8	5
312	Inhibition of <i>TMPRSS4</i> mediated epithelial-mesenchymal transition is critically involved in antimetastatic effect of melatonin in colorectal cancers. <i>Phytotherapy Research</i> , 2021, 35, 4538-4546.	5.8	5
313	miR193a-5p Mediated ZNF746 and c-Myc Signaling Axis Is Critically Involved in Morusin Induced Apoptosis in Colorectal Cancer Cells. <i>Cells</i> , 2021, 10, 2065.	4.1	5
314	Apoptotic and DNA Damage Effect of 1,2,3,4,6-Penta-O-galloyl-beta-D-glucose in Cisplatin-Resistant Non-Small Lung Cancer Cells via Phosphorylation of H2AX, CHK2 and p53. <i>Cells</i> , 2022, 11, 1343.	4.1	5
315	Hepatoprotective Effects of MHY3200 on High-Fat, Diet-Induced, Non-Alcoholic Fatty Liver Disease in Rats. <i>Molecules</i> , 2018, 23, 2057.	3.8	4
316	Ethanollic Hwaeumjeon induces mitochondrial dependent apoptosis partly via PI3K/AKT/HSP27/ERK pathways and inhibits PSA and AR in LNCaP cells. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 78-85.	4.0	3
317	Melittin exerts antitumorigenic effects in human MM1.S multiple myeloma cells through the suppression of AKT/mTOR/S6K1/4E-BP1 signaling cascades. <i>Oriental Pharmacy and Experimental Medicine</i> , 2015, 15, 33-44.	1.2	3
318	Farnesiferol C Induces Apoptosis in Chronic Myelogenous Leukemia Cells as an Imatinib Sensitizer via Caspase Activation and HDAC (Histone Deacetylase) Inactivation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5535.	4.1	3
319	2,4-Dihydroxyphenyl-benzo[d]thiazole (MHY553), a synthetic PPAR $\delta$ agonist, decreases age-associated inflammatory responses through PPAR $\delta$ activation and RS scavenging in the skin. <i>Experimental Gerontology</i> , 2021, 143, 111153.	2.8	3
320	Mechanism of Lipid Accumulation through PAR2 Signaling in Diabetic Male Mice. <i>Endocrinology and Metabolism</i> , 2021, 36, 171-184.	3.0	3
321	Suppression of phosphoinositide 3-kinase/phosphoinositide-dependent kinase-1/serum and glucocorticoid-induced protein kinase pathway. <i>Phytotherapy Research</i> , 2021, 35, 4547-4554.	5.8	3
322	Daemonorops draco Blume Induces Apoptosis Against Acute Myeloid Leukemia Cells via Regulation of the miR-216b/c-Jun. <i>Frontiers in Oncology</i> , 2022, 12, 808174.	2.8	3
323	The Antitumor Effect of Cinnamaldehyde Derivative CB-PIC in Hepatocellular Carcinoma Cells via Inhibition of Pyruvate and STAT3 Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6461.	4.1	3
324	Sojuktang induces apoptosis via loss of mitochondrial membrane potential and caspase-3 activation in KLE human endometrial cancer cells. <i>Science Bulletin</i> , 2009, 54, 4387-4392.	9.0	2

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325	Antiinflammatory and analgesic effect of herbal cocktail Hongbaekjeong via inhibition of proinflammatory cytokines and prostaglandin E2 release. <i>Science Bulletin</i> , 2014, 59, 3127-3133.	1.7	2
326	Methyloleanolate Induces Apoptotic And Autophagic Cell Death Via Reactive Oxygen Species Generation And c-Jun N-terminal Kinase Phosphorylation. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 8621-8635.	2.0	2
327	Misaponin B Induces G2/M Arrest, Cytokinesis Failure and Impairs Autophagy. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	2
328	Antitumor mechanism of combination of <i>Angelica gigas</i> and <i>Torilis japonica</i> in LNCaP prostate cancer cells via G1 arrest and inhibition of Wnt/β-catenin and androgen receptor signaling. <i>Phytotherapy Research</i> , 2022, 36, 2999-3008.	5.8	2
329	DMNQ S-53 induces apoptosis and inhibits the growth of Lewis lung carcinoma cells in vitro and in vivo. <i>Journal of Cardiothoracic-Renal Research</i> , 2006, 1, 73-79.	0.1	1
330	Reactive oxygen species involved in sulforaphane-induced STAT3 inactivation and apoptosis in DU145 prostate cancer cells. <i>Science Bulletin</i> , 2010, 55, 3922-3928.	1.7	1
331	Ka-mi-kae-kyuk-tang oriental herbal cocktail attenuates cyclophosphamide-induced leukopenia side effects in mouse. <i>Immunopharmacology and Immunotoxicology</i> , 2011, 33, 682-690.	2.4	1
332	LITHOSPERMUM ERYTHRORHIZON SIEB. ET ZUCC. SUPPRESSES 3-HYDROXY-3-METHYL-GLUTARYL-COA REDUCTASE AND INDUCES LDL RECEPTOR EXPRESSION IN HEPG2 CELLS. <i>Journal of Food Biochemistry</i> , 2011, 35, 997-1013.	2.9	1
333	Pinexol inhibits in vitro inflammatory biomarkers by blocking NF-κB signaling pathway and protects mice from lethal endotoxemia. <i>Oriental Pharmacy and Experimental Medicine</i> , 2011, 11, 61-70.	1.2	1
334	SATB2 is localized to the centrosome and spindle maintenance and its knockdown leads to downregulation of CDK2. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 473-478.	1.5	1
335	PAR2 Deficiency Induces Mitochondrial ROS Generation and Dysfunctions, Leading to the Inhibition of Adipocyte Differentiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	1
336	Effect of an extract of <i>Pinus koraiensis</i> leaves, <i>Lycium chinense</i> fruit, and <i>Saururus chinensis</i> (Lour.) Baill. leaves on liver function in excessive drinkers: A randomized, double-blind, placebo-controlled trial. <i>Journal of Functional Foods</i> , 2021, 83, 104535.	3.4	1
337	Evaluation of commercial polyclonal- and monoclonal-antibody-based immunohistochemical tests for 2 genotypes of Porcine circovirus type 2 and comparison with in-situ hybridization assays. <i>Canadian Journal of Veterinary Research</i> , 2014, 78, 233-6.	0.2	1
338	Comparative global transcription analysis of <i>Aconitum koreanum</i> Raymond, <i>Typhonium gigantum</i> Engl., and <i>Helianthus tuberosus</i> Linne. <i>Molecular and Cellular Toxicology</i> , 2010, 6, 405-413.	1.7	0
339	Revealing Systemic Level Correlations between Aging and Calorie Restriction using a Mouse Transcriptome. <i>FASEB Journal</i> , 2008, 22, 243-243.	0.5	0
340	Caloric Restriction Modulates Age-related Inflammation and Lipid Accumulation through SREBP1 and PPARs in Skeletal Muscle. <i>FASEB Journal</i> , 2008, 22, 271-271.	0.5	0