

Sung-Hoon Kim

List of Publications by Year in descending order

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340
papers

11,993
citations

28190

55
h-index

62479

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.	1.7	253
3	Tanshinones: Sources, Pharmacokinetics and Anti-Cancer Activities. International Journal of Molecular Sciences, 2012, 13, 13621-13666.	1.8	200
4	Alpha-Pinene Exhibits Anti-Inflammatory Activity Through the Suppression of MAPKs and the NF- κ B Pathway in Mouse Peritoneal Macrophages. The American Journal of Chinese Medicine, 2015, 43, 731-742.	1.5	187
5	Molecular targets of isothiocyanates in cancer: Recent advances. Molecular Nutrition and Food Research, 2014, 58, 1685-1707.	1.5	157
6	β -Hydroxybutyrate suppresses inflammasome formation by ameliorating endoplasmic reticulum stress via AMPK activation. Oncotarget, 2016, 7, 66444-66454.	0.8	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.	3.2	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.	2.3	131
9	Meta-Analysis of Massage Therapy on Cancer Pain. Integrative Cancer Therapies, 2015, 14, 297-304.	0.8	124
10	Ginsenoside Rd inhibits the expressions of iNOS and COX-2 by suppressing NF- κ B in LPS-stimulated RAW264.7 cells and mouse liver. Journal of Ginseng Research, 2013, 37, 54-63.	3.0	122
11	Modulation of age-related NF- κ B activation by dietary zingerone via MAPK pathway. Experimental Gerontology, 2010, 45, 419-426.	1.2	118
12	Phenethyl isothiocyanate: A comprehensive review of anti-cancer mechanisms. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1846, 405-424.	3.3	117
13	β -caryophyllene oxide inhibits constitutive and inducible STAT3 signaling pathway through induction of the SHP-1 protein tyrosine phosphatase. Molecular Carcinogenesis, 2014, 53, 793-806.	1.3	116
14	Caspase-9 as a therapeutic target for treating cancer. Expert Opinion on Therapeutic Targets, 2015, 19, 113-127.	1.5	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.	0.4	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.	1.3	112
17	Paeonol inhibits anaphylactic reaction by regulating histamine and TNF- α . International Immunopharmacology, 2004, 4, 279-287.	1.7	110
18	Identification of campesterol from Chrysanthemum coronarium L. and its antiangiogenic activities. Phytotherapy Research, 2007, 21, 954-959.	2.8	108

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19	Suppression of age-related inflammatory NF- κ B activation by cinnamaldehyde. <i>Biogerontology</i> , 2007, 8, 545-554.	2.0	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.	3.2	107
21	The activation of NF- κ B through Akt-induced FOXO1 phosphorylation during aging and its modulation by calorie restriction. <i>Biogerontology</i> , 2008, 9, 33-47.	2.0	99
22	Penta-1,2,3,4,6-O-galloyl- β -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.	1.9	99
23	Mitochondria-cytochrome C-caspase-9 cascade mediates isorhamnetin-induced apoptosis. <i>Cancer Letters</i> , 2008, 270, 342-353.	3.2	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.	1.2	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.	1.3	82
26	Melatonin synergistically enhances cisplatin-induced apoptosis via the dephosphorylation of ERK/p90 ribosomal S6 kinase/heat shock protein α 27 in SKNSH cells. <i>Journal of Pineal Research</i> , 2012, 52, 244-252.	3.4	82
27	Role of Forkhead Box Class O proteins in cancer progression and metastasis. <i>Seminars in Cancer Biology</i> , 2018, 50, 142-151.	4.3	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.	0.8	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- κ B and MAPK activation. <i>International Immunopharmacology</i> , 2014, 19, 214-220.	1.7	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.	2.4	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.	1.1	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.	0.9	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.	0.6	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.	1.1	76
35	Cyclooxygenase-2/prostaglandin E2 pathway mediates icaricide II induced apoptosis in human PC-3 prostate cancer cells. <i>Cancer Letters</i> , 2009, 280, 93-100.	3.2	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.	0.7	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.	1.5	74
38	Oral administration of penta-O-galloyl- β -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.	1.3	73
39	Protease-activated receptor 2 induces ROS-mediated inflammation through Akt-mediated NF- κ B and FoxO6 modulation during skin photoaging. <i>Redox Biology</i> , 2021, 44, 102022.	3.9	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.	7.9	72
41	Tanshinone IIA Induces Autophagic Cell Death via Activation of AMPK and ERK and Inhibition of mTOR and p70 S6K in KBM κ Leukemia Cells. <i>Phytotherapy Research</i> , 2014, 28, 458-464.	2.8	70
42	Inhibition of β -Catenin signaling suppresses pancreatic tumor growth by disrupting nuclear β -Catenin/TCF-1 complex: Critical role of STAT-3. <i>Oncotarget</i> , 2015, 6, 11561-11574.	0.8	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.	0.6	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.	0.6	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.	1.3	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.	2.4	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.	1.9	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.	0.0	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.	1.7	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.	3.2	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.	2.3	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.	3.2	60
53	6 β -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.	1.3	60
54	FoxO1 Plays an Important Role in Regulating β -Cell Compensation for Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2016, 157, 1055-1070.	1.4	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.	4.3	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.	0.5	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.	1.7	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.	1.8	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.	1.7	57
60	A novel class of pyranocoumarin anti- α -androgen receptor signaling compounds. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 907-917.	1.9	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.	1.9	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.	2.8	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.	0.6	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.	0.6	55
65	Antitumor activities of a newly synthesized shikonin derivative, 2-hyim-DMNQ-S-33. <i>Cancer Letters</i> , 2001, 172, 171-175.	3.2	54
66	Short-term feeding of baicalin inhibits age-associated NF- κ B activation. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 719-725.	2.2	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.	1.1	54
68	Cryptotanshinone enhances TNF- α -induced apoptosis in chronic myeloid leukemia KBM-5 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 696-707.	2.2	52
69	The underlying mechanism of proinflammatory NF- κ B activation by the mTORC2/Akt/IKK pathway during skin aging. <i>Oncotarget</i> , 2016, 7, 52685-52694.	0.8	52
70	Antiangiogenic phytochemicals and medicinal herbs. <i>Phytotherapy Research</i> , 2011, 25, 1-10.	2.8	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.	1.9	51
72	Molecular Study of Dietary Heptadecane for the Anti-Inflammatory Modulation of NF- κ B in the Aged Kidney. <i>PLoS ONE</i> , 2013, 8, e59316.	1.1	51

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73	Inhibition of c-Jun N-terminal kinase and nuclear factor $\hat{\nu}$ B pathways mediates fisetin-exerted anti-inflammatory activity in lipopolysaccharide-treated RAW264.7 cells. <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 645-650.	1.1	50
74	Anti-inflammatory action of $\hat{\nu}^2$ -hydroxybutyrate via modulation of PGC- $1\hat{\nu}$ and FoxO1, mimicking calorie restriction. <i>Aging</i> , 2019, 11, 1283-1304.	1.4	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.	2.0	49
76	Oxidative stress induces inactivation of protein phosphatase 2A, promoting proinflammatory NF- $\hat{\nu}$ B in aged rat kidney. <i>Free Radical Biology and Medicine</i> , 2013, 61, 206-217.	1.3	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.	0.6	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.	1.7	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.	2.1	47
80	Penta-O-galloyl- $\hat{\nu}^2$ -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.	2.2	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.	0.8	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.	1.1	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.	1.7	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.	2.0	46
85	Inhibition of Wnt/ $\hat{\nu}^2$ -catenin signaling mediates ursolic acid-induced apoptosis in PC-3 prostate cancer cells. <i>Pharmacological Reports</i> , 2013, 65, 1366-1374.	1.5	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.	1.5	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.	1.9	45
88	Effect of betaine on hepatic insulin resistance through FOXO1-induced NLRP3 inflammasome. <i>Journal of Nutritional Biochemistry</i> , 2017, 45, 104-114.	1.9	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.	3.2	45
90	Anti-Wrinkle Effect of Magnesium Lithospermate B from <i>Salvia miltiorrhiza</i> BUNGE: Inhibition of MMPs via NF- $\hat{\nu}$ B Signaling. <i>PLoS ONE</i> , 2014, 9, e102689.	1.1	45

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91	Ginsenoside Rc modulates Akt/FoxO1 pathways and suppresses oxidative stress. Archives of Pharmacal Research, 2014, 37, 813-820.	2.7	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.	0.8	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.	2.8	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.	2.8	43
95	The heparan sulfate mimetic PG545 interferes with Wnt/ β -catenin signaling and significantly suppresses pancreatic tumorigenesis alone and in combination with gemcitabine. Oncotarget, 2015, 6, 4992-5004.	0.8	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.	1.3	42
97	Brassinin Combined with Capsaicin Enhances Apoptotic and Antimetastatic Effects in PC-3 Human Prostate Cancer Cells. Phytotherapy Research, 2015, 29, 1828-1836.	2.8	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.	0.9	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.	1.0	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.	2.8	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.	2.0	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.	1.5	40
103	Caspase inhibitors: a review of recently patented compounds (2013-2015). Expert Opinion on Therapeutic Patents, 2018, 28, 47-59.	2.4	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.	0.5	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.	2.2	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.	0.6	38
107	Cytoprotective mechanism of baicalin against endothelial cell damage by peroxynitrite. Journal of Pharmacy and Pharmacology, 2010, 57, 1581-1590.	1.2	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.	1.8	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.	1.8	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.	2.6	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.	0.6	37
112	FoxO6-mediated IL-1 β 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.	3.9	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.	2.7	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.	2.8	36
115	The roles of FoxOs in modulation of aging by calorie restriction. <i>Biogerontology</i> , 2015, 16, 1-14.	2.0	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.	3.4	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.	1.8	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.	2.8	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.	0.5	35
120	Modulation of signal transduction pathways by natural compounds in cancer. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 730-742.	0.7	35
121	The Genome-Wide Expression Profile of 1,2,3,4,6-Penta-O-Galloyl- β -D-Glucose-Treated MDA-MB-231 Breast Cancer Cells: Molecular Target on Cancer Metabolism. <i>Molecules and Cells</i> , 2011, 32, 123-132.	1.0	34
122	Mechanisms of the Anticancer Effects of Isothiocyanates. <i>The Enzymes</i> , 2015, 37, 111-137.	0.7	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.	2.8	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.	2.7	34
125	Anti-Aging Effects of Calorie Restriction (CR) and CR Mimetics Based on the Senoinflammation Concept. <i>Nutrients</i> , 2020, 12, 422.	1.7	34
126	Age-related sensitivity to endotoxin-induced liver inflammation: Implication of inflammasome/IL-1 β for steatohepatitis. <i>Aging Cell</i> , 2015, 14, 524-533.	3.0	33

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127	Zinc finger protein 746 promotes colorectal cancer progression via c-Myc stability mediated by glycogen synthase kinase 3 β and F-box and WD repeat domain-containing 7. <i>Oncogene</i> , 2018, 37, 3715-3728.	2.6	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.	3.2	32
129	Coumestrol suppresses hypoxia inducible factor 1 α 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.	1.0	32
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