

Sung-Hoon Kim

List of Publications by Citations

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337
papers

8,983
citations

50
h-index

70
g-index

355
ext. papers

10,556
ext. citations

5.4
avg, IF

6.03
L-index

#	Paper	IF	Citations
337	Anti-cancer, anti-diabetic and other pharmacologic and biological activities of penta-galloyl-glucose. <i>Pharmaceutical Research</i> , 2009 , 26, 2066-80	4.5	203
336	Redefining Chronic Inflammation in Aging and Age-Related Diseases: Proposal of the Senoinflammation Concept 2019 , 10, 367-382		166
335	Tanshinones: sources, pharmacokinetics and anti-cancer activities. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 13621-66	6.3	161
334	Molecular targets of isothiocyanates in cancer: recent advances. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1685-707	5.9	135
333	Alpha-Pinene Exhibits Anti-Inflammatory Activity Through the Suppression of MAPKs and the NF- κ B Pathway in Mouse Peritoneal Macrophages. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 731-42	6	115
332	Ginsenoside Rd inhibits the expressions of iNOS and COX-2 by suppressing NF- κ B in LPS-stimulated RAW264.7 cells and mouse liver. <i>Journal of Ginseng Research</i> , 2013 , 37, 54-63	5.8	104
331	E Caryophyllene oxide inhibits constitutive and inducible STAT3 signaling pathway through induction of the SHP-1 protein tyrosine phosphatase. <i>Molecular Carcinogenesis</i> , 2014 , 53, 793-806	5	103
330	Modulation of age-related NF- κ B activation by dietary zingerone via MAPK pathway. <i>Experimental Gerontology</i> , 2010 , 45, 419-26	4.5	101
329	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. <i>Cancer Research</i> , 2006 , 66, 453-63	10.1	101
328	Paeonol inhibits anaphylactic reaction by regulating histamine and TNF- α . <i>International Immunopharmacology</i> , 2004 , 4, 279-87	5.8	101
327	Suppression of age-related inflammatory NF- κ B activation by cinnamaldehyde. <i>Biogerontology</i> , 2007 , 8, 545-54	4.5	96
326	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. <i>Carcinogenesis</i> , 2005 , 26, 1436-45	4.6	92
325	Caspase-9 as a therapeutic target for treating cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 113-27	6.4	91
324	Resveratrol inhibits STAT3 signaling pathway through the induction of SOCS-1: Role in apoptosis induction and radiosensitization in head and neck tumor cells. <i>Phytomedicine</i> , 2016 , 23, 566-77	6.5	90
323	β -Hydroxybutyrate suppresses inflammasome formation by ameliorating endoplasmic reticulum stress via AMPK activation. <i>Oncotarget</i> , 2016 , 7, 66444-66454	3.3	89
322	Phenethyl isothiocyanate: a comprehensive review of anti-cancer mechanisms. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014 , 1846, 405-24	11.2	85
321	Bergamottin, a natural furanocoumarin obtained from grapefruit juice induces chemosensitization and apoptosis through the inhibition of STAT3 signaling pathway in tumor cells. <i>Cancer Letters</i> , 2014 , 354, 153-63	9.9	85

320	Meta-Analysis of Massage Therapy on Cancer Pain. <i>Integrative Cancer Therapies</i> , 2015 , 14, 297-304	3	82
319	Mitochondria-cytochrome C-caspase-9 cascade mediates isorhamnetin-induced apoptosis. <i>Cancer Letters</i> , 2008 , 270, 342-53	9.9	82
318	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, 280-93	9.9	81
317	The activation of NF-kappaB through Akt-induced FOXO1 phosphorylation during aging and its modulation by calorie restriction. <i>Biogerontology</i> , 2008 , 9, 33-47	4.5	81
316	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	4.5	78
315	Penta-1,2,3,4,6-O-galloyl-beta-D-glucose induces p53 and inhibits STAT3 in prostate cancer cells in vitro and suppresses prostate xenograft tumor growth in vivo. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2681-91	6.1	77
314	Identification of campesterol from <i>Chrysanthemum coronarium</i> L. and its antiangiogenic activities. <i>Phytotherapy Research</i> , 2007 , 21, 954-9	6.7	74
313	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, 2059-69	4.6	73
312	Melatonin synergistically enhances cisplatin-induced apoptosis via the dephosphorylation of ERK/p90 ribosomal S6 kinase/heat shock protein 27 in SK-OV-3 cells. <i>Journal of Pineal Research</i> , 2012 , 52, 244-52	10.4	69
311	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, 1828-34	2.3	66
310	Cyclooxygenase-2/prostaglandin E2 pathway mediates icariside II induced apoptosis in human PC-3 prostate cancer cells. <i>Cancer Letters</i> , 2009 , 280, 93-100	9.9	64
309	The anti-inflammatory potential of Cortex <i>Phellodendron</i> in vivo and in vitro: down-regulation of NO and iNOS through suppression of NF- κ B and MAPK activation. <i>International Immunopharmacology</i> , 2014 , 19, 214-20	5.8	63
308	Mechanisms of action of phytochemicals from medicinal herbs in the treatment of Alzheimer's disease. <i>Planta Medica</i> , 2014 , 80, 1249-58	3.1	63
307	An oriental herbal cocktail, ka-mi-kae-kyuk-tang, exerts anti-cancer activities by targeting angiogenesis, apoptosis and metastasis. <i>Carcinogenesis</i> , 2006 , 27, 2455-63	4.6	63
306	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	3.7	62
305	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, 804-11	4.6	61
304	Role of Forkhead Box Class O proteins in cancer progression and metastasis. <i>Seminars in Cancer Biology</i> , 2018 , 50, 142-151	12.7	61
303	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, 231-41	2.8	60

302	In vivo anti-cancer activity of Korean <i>Angelica gigas</i> and its major pyranocoumarin decursin. <i>The American Journal of Chinese Medicine</i> , 2009 , 37, 127-42	6	59
301	<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, 188-97	6.5	59
300	Shikonin, acetylshikonin, and isobutyroylshikonin inhibit VEGF-induced angiogenesis and suppress tumor growth in lewis lung carcinoma-bearing mice. <i>Yakugaku Zasshi</i> , 2008 , 128, 1681-8	0	59
299	Piperine causes G1 phase cell cycle arrest and apoptosis in melanoma cells through checkpoint kinase-1 activation. <i>PLoS ONE</i> , 2014 , 9, e94298	3.7	58
298	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, 41-6	2.3	58
297	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	9.9	58
296	Emodin inhibits proinflammatory responses and inactivates histone deacetylase 1 in hypoxic rheumatoid synoviocytes. <i>Biological and Pharmaceutical Bulletin</i> , 2011 , 34, 1432-7	2.3	55
295	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, 1239-54	2.2	55
294	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, 9882-9	5.7	54
293	Tanshinone IIA induces autophagic cell death via activation of AMPK and ERK and inhibition of mTOR and p70 S6K in KBM-5 leukemia cells. <i>Phytotherapy Research</i> , 2014 , 28, 458-64	6.7	53
292	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	9.9	53
291	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, 41-8	6.2	53
290	Inhibition of Eatenin signaling suppresses pancreatic tumor growth by disrupting nuclear Eatenin/TCF-1 complex: critical role of STAT-3. <i>Oncotarget</i> , 2015 , 6, 11561-74	3.3	52
289	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, 10-6	5.3	50
288	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, 1489-97	5.8	50
287	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, 389-99	6.1	48
286	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, 945-50	2.3	48
285	Short-term feeding of baicalin inhibits age-associated NF-kappaB activation. <i>Mechanisms of Ageing and Development</i> , 2006 , 127, 719-25	5.6	48

284	Antitumor activities of a newly synthesized shikonin derivative, 2-hyim-DMNQ-S-33. <i>Cancer Letters</i> , 2001 , 172, 171-5	9.9	48
283	6-Shogaol exerts anti-proliferative and pro-apoptotic effects through the modulation of STAT3 and MAPKs signaling pathways. <i>Molecular Carcinogenesis</i> , 2015 , 54, 1132-46	5	47
282	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	4.5	47
281	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	5.4	47
280	A novel class of pyranocoumarin anti-androgen receptor signaling compounds. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 907-17	6.1	47
279	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	6.2	46
278	Icariside II induces apoptosis in U937 acute myeloid leukemia cells: role of inactivation of STAT3-related signaling. <i>PLoS ONE</i> , 2012 , 7, e28706	3.7	45
277	Umbilical cord tissue-derived mesenchymal stem cells induce apoptosis in PC-3 prostate cancer cells through activation of JNK and downregulation of PI3K/AKT signaling. <i>Stem Cell Research and Therapy</i> , 2014 , 5, 54	8.3	44
276	Inhibition of c-Jun N-terminal kinase and nuclear factor κ B pathways mediates fisetin-exerted anti-inflammatory activity in lipopolysaccharide-treated RAW264.7 cells. <i>Immunopharmacology and Immunotoxicology</i> , 2012 , 34, 645-50	3.2	44
275	Oxidative stress induces inactivation of protein phosphatase 2A, promoting proinflammatory NF- κ B in aged rat kidney. <i>Free Radical Biology and Medicine</i> , 2013 , 61, 206-17	7.8	43
274	Antiangiogenic phytochemicals and medicinal herbs. <i>Phytotherapy Research</i> , 2011 , 25, 1-10	6.7	43
273	<i>Ocimum sanctum</i> induces apoptosis in A549 lung cancer cells and suppresses the in vivo growth of Lewis lung carcinoma cells. <i>Phytotherapy Research</i> , 2009 , 23, 1385-91	6.7	43
272	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	4.3	43
271	Are there new therapeutic options for treating lung cancer based on herbal medicines and their metabolites?. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 652-61	5	42
270	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	2.3	42
269	The critical role played by endotoxin-induced liver autophagy in the maintenance of lipid metabolism during sepsis. <i>Autophagy</i> , 2017 , 13, 1113-1129	10.2	41
268	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, 1022-8	2.3	41
267	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, 1595-608	4.5	40

266	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, 40-6	5	40
265	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, 2833-43	6.1	40
264	FoxO1 Plays an Important Role in Regulating β Cell Compensation for Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2016 , 157, 1055-70	4.8	39
263	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, 5624-36	3.3	39
262	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	6.2	38
261	Inhibition of Wnt/ β catenin signaling mediates ursolic acid-induced apoptosis in PC-3 prostate cancer cells. <i>Pharmacological Reports</i> , 2013 , 65, 1366-74	3.9	38
260	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	5.7	38
259	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, 959-68	6.4	37
258	Penta-O-galloyl-beta-D-glucose induces G1 arrest and DNA replicative S-phase arrest independently of cyclin-dependent kinase inhibitor 1A, 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	8.3	37
257	Effects of Korean red ginseng and its mixed prescription on the high molecular weight dextran-induced blood stasis in rats and human platelet aggregation. <i>Journal of Ethnopharmacology</i> , 2001 , 77, 259-64	5	37
256	Molecular study of dietary heptadecane for the anti-inflammatory modulation of NF-kB in the aged kidney. <i>PLoS ONE</i> , 2013 , 8, e59316	3.7	37
255	Artesunate suppresses tumor growth and induces apoptosis through the modulation of multiple oncogenic cascades in a chronic myeloid leukemia xenograft mouse model. <i>Oncotarget</i> , 2015 , 6, 4020-35	3.3	37
254	The heparan sulfate mimetic PG545 interferes with Wnt/ β catenin signaling and significantly suppresses pancreatic tumorigenesis alone and in combination with gemcitabine. <i>Oncotarget</i> , 2015 , 6, 4992-5004	3.3	37
253	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, 156-60	4.9	36
252	Ginsenoside Rc modulates Akt/FoxO1 pathways and suppresses oxidative stress. <i>Archives of Pharmacal Research</i> , 2014 , 37, 813-20	6.1	36
251	Penta-O-galloyl-beta-D-glucose induces S- and G(1)-cell cycle arrests in prostate cancer cells targeting DNA replication and cyclin D1. <i>Carcinogenesis</i> , 2009 , 30, 818-23	4.6	36
250	Anti-wrinkle effect of magnesium lithospermate B from <i>Salvia miltiorrhiza</i> BUNGE: inhibition of MMPs via NF-kB signaling. <i>PLoS ONE</i> , 2014 , 9, e102689	3.7	36
249	The underlying mechanism of proinflammatory NF- κ B activation by the mTORC2/Akt/IKK β pathway during skin aging. <i>Oncotarget</i> , 2016 , 7, 52685-52694	3.3	36

248	Ginkgetin induces apoptosis via activation of caspase and inhibition of survival genes in PC-3 prostate cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 2692-5	2.9	35
247	Paeonol exerts anti-angiogenic and anti-metastatic activities through downmodulation of Akt activation and inactivation of matrix metalloproteinases. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 1142-7	2.3	35
246	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> , 2018 , 20,	6.3	35
245	Brassinin Combined with Capsaicin Enhances Apoptotic and Anti-metastatic Effects in PC-3 Human Prostate Cancer Cells. <i>Phytotherapy Research</i> , 2015 , 29, 1828-36	6.7	34
244	Essential oil of Pinus koraiensis leaves exerts antihyperlipidemic effects via up-regulation of low-density lipoprotein receptor and inhibition of acyl-coenzyme A: cholesterol acyltransferase. <i>Phytotherapy Research</i> , 2012 , 26, 1314-9	6.7	34
243	Ethanol extract of Ocimum sanctum exerts anti-metastatic activity through inactivation of matrix metalloproteinase-9 and enhancement of anti-oxidant enzymes. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1478-82	4.7	34
242	Cytoprotective mechanism of baicalin against endothelial cell damage by peroxy nitrite. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 1581-90	4.8	34
241	The roles of FoxOs in modulation of aging by calorie restriction. <i>Biogerontology</i> , 2015 , 16, 1-14	4.5	33
240	Inhibition of JAK1/STAT3 signaling mediates compound K-induced apoptosis in human multiple myeloma U266 cells. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1367-72	4.7	33
239	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 2004 , 47, 300-306		33
238	Anti-nephrolithic potential of resveratrol via inhibition of ROS, MCP-1, hyaluronan and osteopontin in vitro and in vivo. <i>Pharmacological Reports</i> , 2013 , 65, 970-9	3.9	32
237	Cinobufagin exerts anti-proliferative and pro-apoptotic effects through the modulation ROS-mediated MAPKs signaling pathway. <i>Immunopharmacology and Immunotoxicology</i> , 2015 , 37, 265-73 ^{3,2}		32
236	Ergosterol peroxide from flowers of <i>Erigeron annuus</i> L. as an anti-atherosclerosis agent. <i>Archives of Pharmacal Research</i> , 2005 , 28, 541-5	6.1	31
235	Caspase inhibitors: a review of recently patented compounds (2013-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2018 , 28, 47-59	6.8	30
234	MicroRNA134 Mediated Upregulation of JNK and Downregulation of NFkB Signalings Are Critically Involved in Dieckol Induced Antihepatic Fibrosis. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5508-14	5.7	30
233	Coumestrol suppresses hypoxia inducible factor 1 by inhibiting ROS mediated sphingosine kinase 1 in hypoxic PC-3 prostate cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2560-4	2.9	30
232	Gallotannin suppresses calcium oxalate crystal binding and oxalate-induced oxidative stress in renal epithelial cells. <i>Biological and Pharmaceutical Bulletin</i> , 2012 , 35, 539-44	2.3	30
231	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. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 879746	2.3	30

230	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, 538-45	9.9	30
229	The genome-wide expression profile of 1,2,3,4,6-penta-O-galloyl-β-glucose-treated MDA-MB-231 breast cancer cells: molecular target on cancer metabolism. <i>Molecules and Cells</i> , 2011 , 32, 123-32	3.5	30
228	Oriental herbs as a source of novel anti-androgen and prostate cancer chemopreventive agents. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1365-72	8	30
227	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	6.5	30
226	Modulation of signal transduction pathways by natural compounds in cancer. <i>Chinese Journal of Natural Medicines</i> , 2015 , 13, 730-42	2.8	29
225	Activation of p53 signaling and inhibition of androgen receptor mediate tanshinone IIA induced G1 arrest in LNCaP prostate cancer cells. <i>Phytotherapy Research</i> , 2012 , 26, 669-74	6.7	29
224	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, 805639	2.3	29
223	Rare sugar D-allose induces programmed cell death in hormone refractory prostate cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008 , 13, 1121-34	5.4	29
222	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. <i>Phytotherapy Research</i> , 2014 , 28, 387-94	6.7	28
221	Inhibition of cyclooxygenase-2-dependent survivin mediates decursin-induced apoptosis in human KBM-5 myeloid leukemia cells. <i>Cancer Letters</i> , 2010 , 298, 212-21	9.9	28
220	Anti-inflammatory action of β-hydroxybutyrate via modulation of PGC-1α and FoxO1, mimicking calorie restriction. <i>Aging</i> , 2019 , 11, 1283-1304	5.6	28
219	CNOT2 promotes proliferation and angiogenesis via VEGF signaling in MDA-MB-231 breast cancer cells. <i>Cancer Letters</i> , 2018 , 412, 88-98	9.9	27
218	Inhibition of protein kinase C β 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, 1188-91	2.9	27
217	Paeonol oxime inhibits bFGF-induced angiogenesis and reduces VEGF levels in fibrosarcoma cells. <i>PLoS ONE</i> , 2010 , 5, e12358	3.7	27
216	Adiponectin ameliorates experimental periodontitis in diet-induced obesity mice. <i>PLoS ONE</i> , 2014 , 9, e97824	3.7	27
215	Effect of betaine on hepatic insulin resistance through FOXO1-induced NLRP3 inflammasome. <i>Journal of Nutritional Biochemistry</i> , 2017 , 45, 104-114	6.3	26
214	Mechanisms of the Anticancer Effects of Isothiocyanates. <i>The Enzymes</i> , 2015 , 37, 111-37	2.3	26
213	Antiplatelet and antithrombotic activity of indole-3-carbinol in vitro and in vivo. <i>Phytotherapy Research</i> , 2008 , 22, 58-64	6.7	26

212	Heyneanol A induces apoptosis via cytochrome c release and caspase activation in human leukemic U937 cells. <i>Life Sciences</i> , 2004 , 74, 2313-26	6.8	26
211	Melatonin disturbs SUMOylation-mediated crosstalk between c-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	10.4	25
210	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, 1033-44	8.6	25
209	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	42.1	25
208	Age-related sensitivity to endotoxin-induced liver inflammation: Implication of inflammasome/IL-1 β for steatohepatitis. <i>Aging Cell</i> , 2015 , 14, 524-33	9.9	24
207	Activation of Caspase-9/3 and Inhibition of Epithelial Mesenchymal Transition are Critically Involved in Antitumor Effect of Phytol in Hepatocellular Carcinoma Cells. <i>Phytotherapy Research</i> , 2015 , 29, 1026-31	6.7	24
206	Morusin induces cell death through inactivating STAT3 signaling in prostate cancer cells. <i>American Journal of Cancer Research</i> , 2015 , 5, 289-99	4.4	24
205	Ginkgetin Blocks Constitutive STAT3 Activation and Induces Apoptosis through Induction of SHP-1 and PTEN Tyrosine Phosphatases. <i>Phytotherapy Research</i> , 2016 , 30, 567-76	6.7	24
204	A derivative of epigallocatechin-3-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, 3565-78	8.6	23
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