

Jai-Sing Yang

List of Publications by Year in descending order

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277
papers

11,379
citations

28736
57
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62345
84
g-index

280
all docs

280
docs citations

280
times ranked

13879
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Curcumin suppresses cell proliferation and triggers apoptosis in vemurafenib-resistant melanoma cells by downregulating the EGFR signaling pathway. <i>Environmental Toxicology</i> , 2022, 37, 868-879. | 2.1 | 16 |
| 2 | Gadodiamide Induced Autophagy and Apoptosis in Human Keratinocytes. <i>In Vivo</i> , 2022, 36, 603-609. | 0.6 | 1 |
| 3 | <i>Tremella fuciformis</i> Inhibits Melanogenesis in B16F10 Cells and Promotes Migration of Human Fibroblasts and Keratinocytes. <i>In Vivo</i> , 2022, 36, 713-722. | 0.6 | 5 |
| 4 | Potential effects of allyl isothiocyanate on inhibiting cellular proliferation and inducing apoptotic pathway in human cisplatin-resistant oral cancer cells. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 515-523. | 0.8 | 28 |
| 5 | <i>In Vitro</i> Toxicological Assessment of Gadodiamide in Normal Brain SVG P12 Cells. <i>In Vivo</i> , 2021, 35, 2621-2630. | 0.6 | 1 |
| 6 | Resveratrol inhibited the metastatic behaviors of cisplatin-resistant human oral cancer cells via phosphorylation of ERK/p38 and suppression of MMP2/9. <i>Journal of Food Biochemistry</i> , 2021, 45, e13666. | 1.2 | 85 |
| 7 | Next-generation sequencing analysis reveals that MTH-3, a novel curcuminoid derivative, suppresses the invasion of MDA-MB-231 triple-negative breast adenocarcinoma cells. <i>Oncology Reports</i> , 2021, 46, . | 1.2 | 7 |
| 8 | Dracorhodin perchlorate enhances wound healing via β -catenin, ERK/p38, and AKT signaling in human HaCaT keratinocytes. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 822. | 0.8 | 13 |
| 9 | Factors influencing locoregional recurrence and distant metastasis in Asian patients with cutaneous melanoma after surgery: A retrospective analysis in a tertiary hospital in Taiwan. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 870-876. | 0.6 | 6 |
| 10 | Tetrandrine Inhibits Epithelial-Mesenchymal Transition in IL-6-Induced HCT116 Human Colorectal Cancer Cells. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4523-4536. | 1.0 | 7 |
| 11 | High Concentration of Iopromide Induces Apoptosis and Autophagy in Human Embryonic Kidney Cells via Activating a ROS-dependent Cellular Stress Pathway. <i>In Vivo</i> , 2021, 35, 3221-3232. | 0.6 | 2 |
| 12 | Curcumin Derivative MTH-3 Regulates Palmitate-induced Insulin Resistance in Mouse Myoblast C2C12 Cells. <i>In Vivo</i> , 2021, 35, 3181-3191. | 0.6 | 1 |
| 13 | In Silico Target Analysis of Treatment for COVID-19 Using Huang-Lian-Shang-Qing-Wan, a Traditional Chinese Medicine Formula. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110308. | 0.2 | 0 |
| 14 | Effect of Quercetin on Injury to Indomethacin-Treated Human Embryonic Kidney 293 Cells. <i>Life</i> , 2021, 11, 1134. | 1.1 | 1 |
| 15 | Combinational treatment of all-trans retinoic acid (ATRA) and bisdemethoxycurcumin (BDMC) induced apoptosis in liver cancer Hep3B cells. <i>Journal of Food Biochemistry</i> , 2020, 44, e13122. | 1.2 | 39 |
| 16 | <i>In Silico</i> De Novo Curcuminoid Derivatives From the Compound Library of Natural Products Research Laboratories Inhibit COVID-19 3CL ^{pro} Activity. <i>Natural Product Communications</i> , 2020, 15, 1934578X2095326. | 0.2 | 4 |
| 17 | Effect of Quercetin on Dexamethasone-Induced C2C12 Skeletal Muscle Cell Injury. <i>Molecules</i> , 2020, 25, 3267. | 1.7 | 32 |
| 18 | Tetramethylpyrazine reverses high-glucose induced hypoxic effects by negatively regulating HIF-1 α induced BNIP3 expression to ameliorate H9c2 cardiomyoblast apoptosis. <i>Nutrition and Metabolism</i> , 2020, 17, 12. | 1.3 | 88 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Sensitivity of allyl isothiocyanate to induce apoptosis via ER stress and the mitochondrial pathway upon ROS production in colorectal adenocarcinoma cells. <i>Oncology Reports</i> , 2020, 44, 1415-1424. | 1.2 | 16 |
| 20 | Caspase-dependent apoptotic death by gadolinium chloride (GdCl ₃) via reactive oxygen species production and MAPK signaling in rat C6 glioma cells. <i>Oncology Reports</i> , 2019, 41, 1324-1332. | 1.2 | 7 |
| 21 | Glucocerebroside reduces endothelial progenitor cell-induced angiogenesis. <i>Food and Agricultural Immunology</i> , 2019, 30, 1033-1045. | 0.7 | 72 |
| 22 | High-density lipoprotein ameliorates palmitic acid-induced lipotoxicity and oxidative dysfunction in H9c2 cardiomyoblast cells via ROS suppression. <i>Nutrition and Metabolism</i> , 2019, 16, 36. | 1.3 | 82 |
| 23 | Cantharidin decreased viable cell number in human osteosarcoma U-2 OS cells through G2/M phase arrest and induction of cell apoptosis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 1912-1923. | 0.6 | 8 |
| 24 | Casticin inhibits human prostate cancer DU 145 cell migration and invasion via Ras/Akt/NF- κ B signaling pathways. <i>Journal of Food Biochemistry</i> , 2019, 43, e12902. | 1.2 | 90 |
| 25 | Autophagy and apoptotic machinery caused by <i>Polygonum cuspidatum</i> extract in cisplatin-resistant human oral cancer CAR cells. <i>Oncology Reports</i> , 2019, 41, 2549-2557. | 1.2 | 14 |
| 26 | Metformin triggers the intrinsic apoptotic response in human AGS gastric adenocarcinoma cells by activating AMPK and suppressing mTOR/AKT signaling. <i>International Journal of Oncology</i> , 2019, 54, 1271-1281. | 1.4 | 39 |
| 27 | The hepatoprotective activities of <i>Kalimeris indica</i> ethanol extract against liver injury in vivo. <i>Food Science and Nutrition</i> , 2019, 7, 3797-3807. | 1.5 | 6 |
| 28 | Plumbagin suppresses endothelial progenitor cell-related angiogenesis in vitro and in vivo. <i>Journal of Functional Foods</i> , 2019, 52, 537-544. | 1.6 | 103 |
| 29 | Effects of <i>Lycium barbarum</i> (goji berry) on dry eye disease in rats. <i>Molecular Medicine Reports</i> , 2018, 17, 809-818. | 1.1 | 25 |
| 30 | Effect of bis(hydroxymethyl) alkanoate curcuminoid derivative MTH-3 on cell cycle arrest, apoptotic and autophagic pathway in triple-negative breast adenocarcinoma MDA-MB-231 cells: An in vitro study. <i>International Journal of Oncology</i> , 2018, 52, 67-76. | 1.4 | 24 |
| 31 | 2-Phenyl-4-quinolone (YT-1) induces G2/M phase arrest and an intrinsic apoptotic mechanism in human leukemia cells. <i>Oncology Reports</i> , 2018, 39, 1331-1337. | 1.2 | 3 |
| 32 | ITR-284 modulates cell differentiation in human chronic myelogenous leukemia K562 cells. <i>Oncology Reports</i> , 2018, 39, 383-391. | 1.2 | 2 |
| 33 | Eudesmin attenuates <i>Helicobacter pylori</i> -induced epithelial autophagy and apoptosis and leads to eradication of <i>H. pylori</i> infection. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2388-2396. | 0.8 | 8 |
| 34 | Disruption of IGF-1R signaling by a novel quinazoline derivative, HMJ-30, inhibits invasiveness and reverses epithelial-mesenchymal transition in osteosarcoma U-2 OS cells. <i>International Journal of Oncology</i> , 2018, 52, 1465-1478. | 1.4 | 7 |
| 35 | Late onset of biliopleural fistula following percutaneous transhepatic biliary drainage: a case report. | | |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Synergistic inhibitory effects of cetuximab and curcumin on human cisplatin-resistant oral cancer CAR cells through intrinsic apoptotic process. <i>Oncology Letters</i> , 2018, 16, 6323-6330. | 0.8 | 22 |
| 38 | Relaxant and vasoprotective effects of ginger extracts on porcine coronary arteries. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2420-2428. | 1.8 | 18 |
| 39 | The molecular mechanism of contrast-induced nephropathy (CIN) and its link to in vitro studies on | | |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | The <i>In Vitro</i> and <i>In Vivo</i> Wound Healing Properties of the Chinese Herbal Medicine "Jinchuang Ointment". Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-11. | 0.5 | 19 |
| 56 | Gadolinium chloride elicits apoptosis in human osteosarcoma U-2 OS cells through extrinsic signaling, intrinsic pathway and endoplasmic reticulum stress. Oncology Reports, 2016, 36, 3421-3426. | 1.2 | 11 |
| 57 | CCY-1a-E2 induces G2/M phase arrest and apoptotic cell death in HL-60 leukemia cells through cyclin-dependent kinase 1 signaling and the mitochondria-dependent caspase pathway. Oncology Reports, 2016, 36, 1633-1639. | 1.2 | 5 |
| 58 | Mechanistic Study of Tetrahydrofuran- acetogenins In Triggering Endoplasmic Reticulum Stress Response-apoptosis in Human Nasopharyngeal Carcinoma. Scientific Reports, 2016, 6, 39251. | 1.6 | 14 |
| 59 | Inhibitory effects of tetrandrine on epidermal growth factor-induced invasion and migration in HT29 human colorectal adenocarcinoma cells. Molecular Medicine Reports, 2016, 13, 1003-1009. | 1.1 | 14 |
| 60 | Current concepts regarding developmental mechanisms in diabetic retinopathy in Taiwan. BioMedicine | | |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Bufalinâ€inhibited migration and invasion in human osteosarcoma Uâ€2 OS cells is carried out by suppression of the matrix metalloproteinaseâ€2, ERK, and JNK signaling pathways. <i>Environmental Toxicology</i> , 2014, 29, 21-29. | 2.1 | 33 |
| 74 | The roles of endoplasmic reticulum stress and mitochondrial apoptotic signaling pathway in quercetinâ€mediated cell death of human prostate cancer PCâ€3 cells. <i>Environmental Toxicology</i> , 2014, 29, 428-439. | 2.1 | 70 |
| 75 | Chrysophanolâ€induced cell death (necrosis) in human lung cancer A549 cells is mediated through increasing reactive oxygen species and decreasing the level of mitochondrial membrane potential. <i>Environmental Toxicology</i> , 2014, 29, 740-749. | 2.1 | 48 |
| 76 | Design, Synthesis, Mechanisms of Action, and Toxicity of Novel 20(<i>S</i>)-Sulfonylamidine Derivatives of Camptothecin as Potent Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6008-6018. | 2.9 | 66 |
| 77 | Effect of DNA damage response by quinazolinone analogue HMJ-38 on human umbilical vein endothelial cells. <i>Human and Experimental Toxicology</i> , 2014, 33, 590-601. | 1.1 | 3 |
| 78 | Crude extract of <i>Rheum palmatum</i> L induced cell death in LS1034 human colon cancer cells acts through the caspaseâ€dependent and â€independent pathways. <i>Environmental Toxicology</i> , 2014, 29, 969-980. | 2.1 | 18 |
| 79 | Cell death caused by quinazolinone HMJ-38 challenge in oral carcinoma CAL 27 cells: dissections of endoplasmic reticulum stress, mitochondrial dysfunction and tumor xenografts. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2310-2320. | 1.1 | 35 |
| 80 | Allyl isothiocyanate inhibits cell metastasis through suppression of the MAPK pathways in epidermal growth factor-stimulated HT29 human colorectal adenocarcinoma cells. <i>Oncology Reports</i> , 2014, 31, 189-196. | 1.2 | 46 |
| 81 | The novel pterostilbene derivative ANK-199 induces autophagic cell death through regulating PI3 kinase class III/beclin 1/Atg-related proteins in cisplatin-resistant CAR human oral cancer cells. <i>International Journal of Oncology</i> , 2014, 45, 782-794. | 1.4 | 23 |
| 82 | Quinazoline analog HMJ-30 inhibits angiogenesis: Involvement of endothelial cell apoptosis through ROS-JNK-mediated death receptor 5 signaling. <i>Oncology Reports</i> , 2014, 32, 597-606. | 1.2 | 12 |
| 83 | Curcumin-loaded nanoparticles enhance apoptotic cell death of U2OS human osteosarcoma cells through the Akt-Bad signaling pathway. <i>International Journal of Oncology</i> , 2014, 44, 238-246. | 1.4 | 58 |
| 84 | Phenethyl isothiocyanate promotes immune responses in normal BALB/c mice, inhibits murine leukemia WEHIâ€3 cells, and stimulates immunomodulations <i>in vivo</i> . <i>Environmental Toxicology</i> , 2013, 28, 127-136. | 2.1 | 19 |
| 85 | Induction of apoptosis by curcumin in murine myelomonocytic leukemia WEHIâ€3 cells is mediated via endoplasmic reticulum stress and mitochondriaâ€dependent pathways. <i>Environmental Toxicology</i> , 2013, 28, 255-266. | 2.1 | 27 |
| 86 | Diallyl sulfide, diallyl disulfide, and diallyl trisulfide inhibit migration and invasion in human colon cancer colo 205 cells through the inhibition of matrix metalloproteinase-2, -7, and -9 expressions. <i>Environmental Toxicology</i> , 2013, 28, 479-488. | 2.1 | 72 |
| 87 | cDNA microarray analysis of the gene expression of murine leukemia RAW 264.7 cells after exposure to propofol. <i>Environmental Toxicology</i> , 2013, 28, 471-478. | 2.1 | 14 |
| 88 | Gallic acid provokes DNA damage and suppresses DNA repair gene expression in human prostate cancer PCâ€3 cells. <i>Environmental Toxicology</i> , 2013, 28, 579-587. | 2.1 | 34 |
| 89 | Safrole suppresses murine myelomonocytic leukemia WEHI-3 cells <i>in vivo</i> , and stimulates macrophage phagocytosis and natural killer cell cytotoxicity in leukemic mice. <i>Environmental Toxicology</i> , 2013, 28, 601-608. | 2.1 | 14 |
| 90 | Induction of Cell Cycle Arrest and Apoptosis in Human Osteosarcoma U-2 OS Cells by <i>Solanum lyratum</i> Extracts. <i>Nutrition and Cancer</i> , 2013, 65, 469-479. | 0.9 | 18 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Houttuynia cordata Thunb extract modulates G0/G1 arrest and Fas/CD95-mediated death receptor apoptotic cell death in human lung cancer A549 cells. <i>Journal of Biomedical Science</i> , 2013, 20, 18. | 2.6 | 35 |
| 92 | Ellagic acid induces apoptosis in tsgh8301 human bladder cancer cells through the endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. <i>Environmental Toxicology</i> , 2013, 29, n/a-n/a. | 2.1 | 42 |
| 93 | Design, synthesis, and mechanism of action of 2-(3-hydroxy-5-methoxyphenyl)-6-pyrrolidinylquinolin-4-one as a potent anticancer lead. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5223-5227. | 1.0 | 9 |
| 94 | Triptolide induced DNA damage in A375.S2 human malignant melanoma cells is mediated via reduction of DNA repair genes. <i>Oncology Reports</i> , 2013, 29, 613-618. | 1.2 | 37 |
| 95 | Diallyl Sulfide Promotes Cell-Cycle Arrest Through the p53 Expression and Triggers Induction of Apoptosis Via Caspase- and Mitochondria-Dependent Signaling Pathways in Human Cervical Cancer Ca Ski Cells. <i>Nutrition and Cancer</i> , 2013, 65, 505-514. | 0.9 | 38 |
| 96 | AKT serine/threonine protein kinase modulates baicalin-triggered autophagy in human bladder cancer T24 cells. <i>International Journal of Oncology</i> , 2013, 42, 993-1000. | 1.4 | 60 |
| 97 | Newly synthesized quinazolinone HMI-38 suppresses angiogenetic responses and triggers human umbilical vein endothelial cell apoptosis through p53-modulated Fas/death receptor signaling. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 150-162. | 1.3 | 44 |
| 98 | The novel synthetic compound 6-acetyl-9-(3,4,5-trimethoxybenzyl)-9H-pyrido[2,3-b]indole induces mitotic arrest and apoptosis in human COLO 205 cells. <i>International Journal of Oncology</i> , 2013, 43, 1596-1606. | 1.4 | 4 |
| 99 | Phenethyl isothiocyanate suppresses EGF-stimulated SAS human oral squamous carcinoma cell invasion by targeting EGF receptor signaling. <i>International Journal of Oncology</i> , 2013, 43, 629-637. | 1.4 | 30 |
| 100 | Kaempferol induces autophagy through AMPK and AKT signaling molecules and causes G2/M arrest via downregulation of CDK1/cyclin B in SK-HEP-1 human hepatic cancer cells. <i>International Journal of Oncology</i> , 2013, 42, 2069-2077. | 1.4 | 123 |
| 101 | Suppressions of Migration and Invasion by Cantharidin in TSGH-8301 Human Bladder Carcinoma Cells through the Inhibitions of Matrix Metalloproteinase-2/-9 Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8. | 0.5 | 17 |
| 102 | Propofol induces DNA damage in mouse leukemic monocyte macrophage RAW264.7 cells. <i>Oncology Reports</i> , 2013, 30, 2304-2310. | 1.2 | 18 |
| 103 | Kaempferol suppresses cell metastasis via inhibition of the ERK-p38-JNK and AP-1 signaling pathways in U-2 OS human osteosarcoma cells. <i>Oncology Reports</i> , 2013, 30, 925-932. | 1.2 | 92 |
| 104 | The novel carboxamide analog ITR-284 induces caspase-dependent apoptotic cell death in human hepatocellular and colorectal cancer cells. <i>Molecular Medicine Reports</i> , 2013, 7, 1539-1544. | 1.1 | 4 |
| 105 | Triptolide induces S phase arrest via the inhibition of cyclin E and CDC25A and triggers apoptosis via caspase- and mitochondrial-dependent signaling pathways in A375.S2 human melanoma cells. <i>Oncology Reports</i> , 2013, 29, 1053-1060. | 1.2 | 25 |
| 106 | Dual inhibition of EGFR and c-Met kinase activation by MJ-56 reduces metastasis of HT29 human colorectal cancer cells. <i>International Journal of Oncology</i> , 2013, 43, 141-150. | 1.4 | 24 |
| 107 | Smh-3 induces G2/M arrest and apoptosis through calcium-mediated endoplasmic reticulum stress and mitochondrial signaling in human hepatocellular carcinoma Hep3B cells. <i>Oncology Reports</i> , 2013, 29, 751-762. | 1.2 | 14 |
| 108 | Curcumin-loaded nanoparticles induce apoptotic cell death through regulation of the function of MDR1 and reactive oxygen species in cisplatin-resistant CAR human oral cancer cells. <i>International Journal of Oncology</i> , 2013, 43, 1141-1150. | 1.4 | 113 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Tetrandrine induces cell death in SAS human oral cancer cells through caspase activation-dependent apoptosis and LC3-I and LC3-II activation-dependent autophagy. <i>International Journal of Oncology</i> , 2013, 43, 485-494. | 1.4 | 48 |
| 110 | Crude extract of <i>Euphorbia formosana</i> inhibits the migration and invasion of DU145 human prostate cancer cells: The role of matrix metalloproteinase-2/9 inhibition via the MAPK signaling pathway. <i>Molecular Medicine Reports</i> , 2013, 7, 1403-1408. | 1.1 | 11 |
| 111 | In vivo evaluation of the synthesized novel 2-benzyloxybenzaldehyde analog CCY-1a-E2 for the treatment of leukemia in the BALB/c mouse WEHI-3 allograft model. <i>Oncology Letters</i> , 2013, 5, 777-782. | 0.8 | 5 |
| 112 | Quercetin inhibits migration and invasion of SAS human oral cancer cells through inhibition of NF- κ B and matrix metalloproteinase-2/9 signaling pathways. <i>Anticancer Research</i> , 2013, 33, 1941-50. | 0.5 | 86 |
| 113 | Butylated hydroxyanisole affects immunomodulation and promotes macrophage phagocytosis in normal BALB/c mice. <i>Molecular Medicine Reports</i> , 2012, 5, 683-7. | 1.1 | 4 |
| 114 | Citosol (thiamylal sodium) triggers apoptosis and affects gene expressions of murine leukemia RAW 264.7 cells. <i>Human and Experimental Toxicology</i> , 2012, 31, 771-779. | 1.1 | 11 |
| 115 | Activations of Both Extrinsic and Intrinsic Pathways in HCT 116 Human Colorectal Cancer Cells Contribute to Apoptosis through p53-Mediated ATM/Fas Signaling by Emilia sonchifolia Extract, a Folklore Medicinal Plant. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-13. | 0.5 | 29 |
| 116 | Phenethyl Isothiocyanate (PEITC) Inhibits the Growth of Human Oral Squamous Carcinoma HSC-3 Cells through G ₂ M Arrest and Mitochondria-Mediated Apoptotic Cell Death. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-12. | 0.5 | 18 |
| 117 | Cucurbitacin E Induces G ₂ M Phase Arrest through STAT3/p53/p21 Signaling and Provokes Apoptosis via Fas/CD95 and Mitochondria-Dependent Pathways in Human Bladder Cancer T24 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11. | 0.5 | 47 |
| 118 | <i>Solanum lyratum</i> Extracts Induce Extrinsic and Intrinsic Pathways of Apoptosis in WEHI-3 Murine Leukemia Cells and Inhibit Allograft Tumor. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-13. | 0.5 | 26 |
| 119 | Triggering Apoptotic Death of Human Malignant Melanoma A375.S2 Cells by Bufalin: Involvement of Caspase Cascade-Dependent and Independent Mitochondrial Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9. | 0.5 | 38 |
| 120 | Safrole-modulated immune response is mediated through enhancing the CD11b surface marker and stimulating the phagocytosis by macrophages in BALB/c mice. <i>Human and Experimental Toxicology</i> , 2012, 31, 898-904. | 1.1 | 5 |
| 121 | An Extract of <i>Agaricus blazei</i> Murill Administered Orally Promotes Immune Responses in Murine Leukemia BALB/c Mice In Vivo. <i>Integrative Cancer Therapies</i> , 2012, 11, 29-36. | 0.8 | 19 |
| 122 | Gyenosides Suppress Growth of Human Oral Cancer SAS Cells In Vitro and in a Murine Xenograft Model. <i>Integrative Cancer Therapies</i> , 2012, 11, 129-140. | 0.8 | 30 |
| 123 | Capsaicin mediates apoptosis in human nasopharyngeal carcinoma NPC-TW 039 cells through mitochondrial depolarization and endoplasmic reticulum stress. <i>Human and Experimental Toxicology</i> , 2012, 31, 539-549. | 1.1 | 60 |
| 124 | Bufalin increases sensitivity to AKT/mTOR-induced autophagic cell death in SK-HEP-1 human hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1431-1442. | 1.4 | 75 |
| 125 | AKT serine/threonine protein kinase modulates bufalin-triggered intrinsic pathway of apoptosis in CAL 27 human oral cancer cells. <i>International Journal of Oncology</i> , 2012, 41, 1683-1692. | 1.4 | 32 |
| 126 | Norcantharidin triggers cell death and DNA damage through S-phase arrest and ROS-modulated apoptotic pathways in TSGH 8301 human urinary bladder carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 1050-1060. | 1.4 | 37 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Antitumor effects of the novel quinazolinone MJ-33: Inhibition of metastasis through the MAPK, AKT, NF- κ B and AP-1 signaling pathways in DU145 human prostate cancer cells. <i>International Journal of Oncology</i> , 2012, 41, 1513-1519. | 1.4 | 34 |
| 128 | Induction of DNA damage by deguelin is mediated through reducing DNA repair genes in human non-small cell lung cancer NCI-H460 cells. <i>Oncology Reports</i> , 2012, 27, 959-964. | 1.2 | 36 |
| 129 | Diallyl trisulfide induces apoptosis in human primary colorectal cancer cells. <i>Oncology Reports</i> , 2012, 28, 949-954. | 1.2 | 42 |
| 130 | The newly synthesized 2-(3-hydroxy-5-methoxyphenyl)-6,7-methylenedioxyquinolin-4-one triggers cell apoptosis through induction of oxidative stress and upregulation of the p38 MAPK signaling pathway in HL-60 human leukemia cells. <i>Oncology Reports</i> , 2012, 28, 1482-1490. | 1.2 | 9 |
| 131 | Apoptosis triggered by vitexin in U937 human leukemia cells via a mitochondrial signaling pathway. <i>Oncology Reports</i> , 2012, 28, 1883-1888. | 1.2 | 53 |
| 132 | Epigallocatechin gallate sensitizes CAL-27 human oral squamous cell carcinoma cells to the anti-metastatic effects of gefitinib (Iressa) via synergistic suppression of epidermal growth factor receptor and matrix metalloproteinase-2. <i>Oncology Reports</i> , 2012, 28, 1799-1807. | 1.2 | 50 |
| 133 | ERK-modulated intrinsic signaling and G2/M phase arrest contribute to the induction of apoptotic death by allyl isothiocyanate in MDA-MB-468 human breast adenocarcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 2065-2072. | 1.4 | 54 |
| 134 | Apigenin Induces Apoptosis through Mitochondrial Dysfunction in U-2 OS Human Osteosarcoma Cells and Inhibits Osteosarcoma Xenograft Tumor Growth in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11395-11402. | 2.4 | 45 |
| 135 | In Vitro Suppression of Growth of Murine WEHI-3 Leukemia Cells and in Vivo Promotion of Phagocytosis in a Leukemia Mice Model by Indole-3-carbinol. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7634-7643. | 2.4 | 16 |
| 136 | Antitumor effects of emodin on LS1034 human colon cancer cells in vitro and in vivo: Roles of apoptotic cell death and LS1034 tumor xenografts model. <i>Food and Chemical Toxicology</i> , 2012, 50, 1271-1278. | 1.8 | 106 |
| 137 | Gallic acid inhibits migration and invasion in human osteosarcoma U-2 OS cells through suppressing the matrix metalloproteinase-2/-9, protein kinase B (PKB) and PKC signaling pathways. <i>Food and Chemical Toxicology</i> , 2012, 50, 1734-1740. | 1.8 | 108 |
| 138 | Glycyrrhizic acid induces apoptosis in WEHI-3 mouse leukemia cells through the caspase- and mitochondria-dependent pathways. <i>Oncology Reports</i> , 2012, 28, 2069-2076. | 1.2 | 37 |
| 139 | Benzyl Isothiocyanate (BITC) Induces G ₂ /M Phase Arrest and Apoptosis in Human Melanoma A375.S2 Cells through Reactive Oxygen Species (ROS) and both Mitochondria-Dependent and Death Receptor-Mediated Multiple Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 665-675. | 2.4 | 100 |
| 140 | Novel Quinazolinone MJ-29 Triggers Endoplasmic Reticulum Stress and Intrinsic Apoptosis in Murine Leukemia WEHI-3 Cells and Inhibits Leukemic Mice. <i>PLoS ONE</i> , 2012, 7, e36831. | 1.1 | 58 |
| 141 | Capsaicin induces apoptosis in SCC-4 human tongue cancer cells through mitochondria-dependent and -independent pathways. <i>Environmental Toxicology</i> , 2012, 27, 332-341. | 2.1 | 23 |
| 142 | Arsenic trioxide (As ₂ O ₃) inhibits murine WEHI-3 leukemia in BALB/c mice <i>in vivo</i> . <i>Environmental Toxicology</i> , 2012, 27, 364-371. | 2.1 | 5 |
| 143 | Safrole induces cell death in human tongue squamous cancer SCC-4 cells through mitochondria-dependent caspase activation cascade apoptotic signaling pathways. <i>Environmental Toxicology</i> , 2012, 27, 433-444. | 2.1 | 22 |
| 144 | Rutin inhibits human leukemia tumor growth in a murine xenograft model <i>in vivo</i> . <i>Environmental Toxicology</i> , 2012, 27, 480-484. | 2.1 | 103 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | Development of fibroblast culture in three-dimensional activated carbon fiber-based scaffold for wound healing. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1465-1478. | 1.7 | 33 |
| 146 | Danthron Triggers ROS and Mitochondria-Mediated Apoptotic Death in C6 Rat Glioma Cells Through Caspase Cascades, Apoptosis-Inducing Factor and Endonuclease G Multiple Signaling. <i>Neurochemical Research</i> , 2012, 37, 1790-1800. | 1.6 | 16 |
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| 148 | Bee venom induces apoptosis through intracellular Ca ²⁺ -modulated intrinsic death pathway in human bladder cancer cells. <i>International Journal of Urology</i> , 2012, 19, 61-70. | 0.5 | 50 |
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