

# Shun-fa Yang

## List of Publications by Year in descending order

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868  
papers

19,565  
citations

21917

59  
h-index

53958

85  
g-index

912  
all docs

912  
docs citations

912  
times ranked

27969  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Melatonin, a Full Service Anti-Cancer Agent: Inhibition of Initiation, Progression and Metastasis. International Journal of Molecular Sciences, 2017, 18, 843.   | 4.2  | 353       |
| 2  | Cancer metastasis: Mechanisms of inhibition by melatonin. Journal of Pineal Research, 2017, 62, e12370.  | 7.7  | 254       |
| 3  | Epigenetic Priming of Enhancers Predicts Developmental Competence of hESC-Derived Endodermal Lineage Intermediates. Cell Stem Cell, 2015, 16, 386-399.   | 11.0 | 227       |
| 4  | Cyanidin 3-Glucoside and Peonidin 3-Glucoside Inhibit Tumor Cell Growth and Induce Apoptosis In Vitro and Suppress Tumor Growth In Vivo. Nutrition and Cancer, 2005, 53, 232-243.  | 2.1  | 219       |
| 5  | Silibinin inhibits the invasion of human lung cancer cells via decreased productions of urokinase-plasminogen activator and matrix metalloproteinase-2. Molecular Carcinogenesis, 2004, 40, 143-149.   | 2.9  | 156       |
| 6  | Platelet-rich Fibrin Increases Proliferation and Differentiation of Human Dental Pulp Cells. Journal of Endodontics, 2010, 36, 1628-1632.  | 3.1  | 150       |
| 7  | Lucidenic acid inhibits PMA-induced invasion of human hepatoma cells through inactivating MAPK/ERK signal transduction pathway and reducing binding activities of NF- $\kappa$ B and AP-1. Carcinogenesis, 2007, 29, 147-156.                    | 2.8  | 139       |
| 8  | Berberine induces apoptosis in SW620 human colonic carcinoma cells through generation of reactive oxygen species and activation of JNK/p38 MAPK and FasL. Archives of Toxicology, 2007, 81, 719-728.   | 4.3  | 139       |
| 9  | Bacterial alterations in salivary microbiota and their association in oral cancer. Scientific Reports, 2017, 7, 16540.   | 3.4  | 139       |
| 10 | Melatonin inhibits MMP-9 transactivation and renal cell carcinoma metastasis by suppressing Akt-MAPK pathway and NF- $\kappa$ B DNA-binding activity. Journal of Pineal Research, 2016, 60, 277-290.   | 7    | 133       |
| 11 | Nitric Oxide-Donating Nonsteroidal Anti-Inflammatory Drugs Inhibit the Growth of Various Cultured Human Cancer Cells: Evidence of a Tissue Type-Independent Effect. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 1273-1282. | 2.4  | 128       |
| 12 | The urokinase-type plasminogen activator (uPA) system as a biomarker and therapeutic target in human malignancies. Expert Opinion on Therapeutic Targets, 2016, 20, 551-566.   | 3.5  | 124       |
| 13 | Severe cutaneous adverse reactions induced by targeted anticancer therapies and immunotherapies. Cancer Management and Research, 2018, Volume 10, 1259-1273.   | 2.0  | 118       |
| 14 | Weight Loss from Maximum Body Weight among Middle-Aged and Older White Women and the Risk of Hip Fracture: The NHANES I Epidemiologic Follow-up Study. Osteoporosis International, 2001, 12, 763-768.  | 3.2  | 113       |
| 15 | Age-Associated Changes in the Vascular Renin-Angiotensin System in Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.  | 4.1  | 113       |
| 16 | Kaempferol Reduces Matrix Metalloproteinase-2 Expression by Down-Regulating ERK1/2 and the Activator Protein-1 Signaling Pathways in Oral Cancer Cells. PLoS ONE, 2013, 8, e80883.   | 2.5  | 113       |
| 17 | Regulation of matrix metalloproteinase production by cytokines, pharmacological agents and periodontal pathogens in human periodontal ligament fibroblast cultures. Journal of Periodontal Research, 2002, 37, 196-203.                          | 2.8  | 112       |
| 18 | Fisetin induces apoptosis in human cervical cancer HeLa cells through ERK1/2-mediated activation of caspase-8/caspase-3-dependent pathway. Archives of Toxicology, 2012, 86, 263-273.  | 4.3  | 112       |

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|----|---|------|-----------|
| 19 | Epigallocatechinâ€³â€gallate inhibits the invasion of human oral cancer cells and decreases the productions of matrix metalloproteinases and urokinaseâ€pllasminogen activator. Journal of Oral Pathology and Medicine, 2007, 36, 588-593.    | 2.7  | 111       |
| 20 | Exome Sequencing of Oral Squamous Cell Carcinoma Reveals Molecular Subgroups and Novel Therapeutic Opportunities. Theranostics, 2017, 7, 1088-1099.   | 9.9  | 107       |
| 21 | Cognitive assessment of voices: Further developments in understanding the emotional impact of voices. British Journal of Clinical Psychology, 1998, 37, 173-188.  | 3.7  | 103       |
| 22 | Silibinin suppresses human osteosarcoma MG-63 cell invasion by inhibiting the ERK-dependent c-Jun/AP-1 induction of MMP-2. Carcinogenesis, 2006, 28, 977-987.   | 2.8  | 103       |
| 23 | Compositional and functional variations of oral microbiota associated with the mutational changes in oral cancer. Oral Oncology, 2018, 77, 1-8.   | 1.9  | 102       |
| 24 | Antimetastatic Effects of Norcantharidin on Hepatocellular Carcinoma by Transcriptional Inhibition of MMP-9 through Modulation of NF-kB Activity. PLoS ONE, 2012, 7, e31055.  | 2.5  | 101       |
| 25 | Monte-carlo techniques for falsification of temporal properties of non-linear hybrid systems. , 2010, , .   |      | 101       |
| 26 | Antimetastatic effects of Terminalia catappa L. on oral cancer via a down-regulation of metastasis-associated proteases. Food and Chemical Toxicology, 2010, 48, 1052-1058.   | 3.7  | 97        |
| 27 | Melatonin suppresses <sc>TPA</sc>â€induced metastasis by downregulating matrix metalloproteinaseâ€9 expression through <sc>JNK</sc>/<sc>SP</sc>â€1 signaling in nasopharyngeal carcinoma. Journal of Pineal Research, 2016, 61, 479-492.      | 7.7  | 96        |
| 28 | Quercetin induces mitochondrial-derived apoptosis via reactive oxygen species-mediated ERK activation in HL-60 leukemia cells and xenograft. Archives of Toxicology, 2015, 89, 1103-1117.   | 4.3  | 95        |
| 29 | Upregulation of miR-328 and inhibition of CREB-DNA-binding activity are critical for resveratrol-mediated suppression of matrix metalloproteinase-2 and subsequent metastatic ability in human osteosarcomas. Oncotarget, 2015, 6, 2736-2753. | 2.1  | 95        |
| 30 | Increased tissue inhibitor of metalloproteinase-1 expression and inhibition of gelatinase A activity in buccal mucosal fibroblasts by arecoline as possible mechanisms for oral submucous fibrosis. Oral Oncology, 2002, 38, 195-200.         | 1.9  | 87        |
| 31 | Nobiletin inhibits human osteosarcoma cells metastasis by blocking ERK and JNK-mediated MMPs expression. Oncotarget, 2016, 7, 35208-35223.  | 2.1  | 83        |
| 32 | Effects of dietary flaxseed oil on cholesterol metabolism of hamsters. Food Chemistry, 2009, 114, 1450-1455.  | 8.4  | 82        |
| 33 | Tunable Bandgap Energy and Promotion of H<sub>2</sub>O<sub>2</sub> Oxidation for Overall Water Splitting from Carbon Nitride Nanowire Bundles. Advanced Energy Materials, 2016, 6, 1502352.   | 22.2 | 82        |
| 34 | Oral microbial dysbiosis and its performance in predicting oral cancer. Carcinogenesis, 2021, 42, 127-135.  | 2.8  | 82        |
| 35 | Natural Bioactives in Cancer Treatment and Prevention. BioMed Research International, 2015, 2015, 1-1.  | 2.0  | 81        |
| 36 | Hispolon suppresses metastasis via autophagic degradation of cathepsin S in cervical cancer cells. Cell Death and Disease, 2017, 8, e3089-e3089.  | 6.4  | 81        |

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|----|---|------|-----------|
| 37 | Knockdown of lipocalin $\alpha$ 2 suppresses the growth and invasion of prostate cancer cells. <i>Prostate</i> , 2013, 73, 1281-1290.   | 2.3  | 79        |
| 38 | Donor cell leukemia arising from preleukemic clones with a novel germline DDX41 mutation after allogeneic hematopoietic stem cell transplantation. <i>Leukemia</i> , 2017, 31, 1020-1022.   | 7.5  | 78        |
| 39 | Matrix metalloproteinase-2 as a target for head and neck cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 203-216.  | 3.5  | 77        |
| 40 | Linking Brain Growth with the Development of Scientific Reasoning Ability and Conceptual Change during Adolescence. <i>Journal of Research in Science Teaching</i> , 2000, 37, 44-62.   | 3.4  | 74        |
| 41 | Prostaglandin E2/EP1 Signaling Pathway Enhances Intercellular Adhesion Molecule 1 (ICAM-1) Expression and Cell Motility in Oral Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 29808-29816.  | 3.5  | 74        |
| 42 | LTA and LPS mediated activation of protein kinases in the regulation of inflammatory cytokines expression in macrophages. <i>Clinica Chimica Acta</i> , 2006, 374, 106-115.   | 1.6  | 73        |
| 43 | TIMP-3 as a therapeutic target for cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591986424.   | 3.4  | 72        |
| 44 | Relationships between circulating matrix metalloproteinase-2 and -9 and renal function in patients with chronic kidney disease. <i>Clinica Chimica Acta</i> , 2006, 366, 243-248.   | 1.6  | 71        |
| 45 | Metformin inhibits the invasion of human hepatocellular carcinoma cells and enhances the chemosensitivity to sorafenib through a downregulation of the ERK/JNK-mediated NF- $\kappa$ B-dependent pathway that reduces uPA and MMP-9 expression. <i>Amino Acids</i> , 2014, 46, 2809-2822. | 2.8  | 71        |
| 46 | A Three $\alpha$ MicroRNA Signature as a Potential Biomarker for the Early Detection of Oral Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 758.  | 4.2  | 71        |
| 47 | Melatonin inhibits TPA-induced oral cancer cell migration by suppressing matrix metalloproteinase-9 activation through the histone acetylation. <i>Oncotarget</i> , 2016, 7, 21952-21967.   | 2.1  | 71        |
| 48 | Groucho suppresses Pax2 transactivation by inhibition of JNK-mediated phosphorylation. <i>EMBO Journal</i> , 2003, 22, 5522-5529.   | 8.2  | 70        |
| 49 | Hierarchical CoO microflower film with excellent electrochemical lithium/sodium storage performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20892-20902.  | 10.5 | 69        |
| 50 | By inhibiting snail signaling and miR-23a-3p, osthole suppresses the EMT-mediated metastatic ability in prostate cancer. <i>Oncotarget</i> , 2015, 6, 21120-21136.  | 2.1  | 68        |
| 51 | Characterization of nanocellulose recovery from <i>Elaeis guineensis</i> frond for sustainable development. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2503-2512.   | 4.1  | 68        |
| 52 | Licochalcone A Suppresses Migration and Invasion of Human Hepatocellular Carcinoma Cells through Downregulation of MKK4/JNK via NF- $\kappa$ B Mediated Urokinase Plasminogen Activator Expression. <i>PLoS ONE</i> , 2014, 9, e86537.  | 2.5  | 68        |
| 53 | The British partnership phenomenon: a ten year review. <i>Human Resource Management Journal</i> , 2009, 19, 260-279.  | 5.5  | 67        |
| 54 | Phase I study of palbociclib, a cyclin $\alpha$ dependent kinase 4/6 inhibitor, in Japanese patients. <i>Cancer Science</i> , 2016, 107, 755-763.   | 4.0  | 67        |

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|----|--|-----|-----------|
| 55 | Increased Expression of Gelatinase (MMP-2 and MMP-9) in Pterygia and Pterygium Fibroblasts with Disease Progression and Activation of Protein Kinase C. , 2009, 50, 4588.  |     | 66        |
| 56 | Praeruptorin A Inhibits Human Cervical Cancer Cell Growth and Invasion by Suppressing MMP-2 Expression and ERK1/2 Signaling. International Journal of Molecular Sciences, 2018, 19, 10.  | 4.2 | 66        |
| 57 | Impacts of MicroRNA Gene Polymorphisms on the Susceptibility of Environmental Factors Leading to Carcinogenesis in Oral Cancer. PLoS ONE, 2012, 7, e39777.   | 2.5 | 65        |
| 58 | Impact of <i>HOTAIR</i> Gene Polymorphism and Environmental Risk on Oral Cancer. Journal of Dental Research, 2018, 97, 717-724.  | 5.3 | 65        |
| 59 | Comparison of the state of Lithium-Sulphur and lithium-ion batteries applied to electromobility. Journal of Environmental Management, 2018, 226, 1-12.   | 7.9 | 65        |
| 60 | Resveratrol: Why Is It a Promising Therapy for Chronic Kidney Disease Patients?. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-6.   | 4.1 | 63        |
| 61 | Laser bonded microjoints between titanium and polyimide for applications in medical implants. Journal of Materials Science: Materials in Medicine, 2005, 16, 229-237.  | 3.6 | 62        |
| 62 | Relationship of Insulin-Like Growth Factors System Gene Polymorphisms with the Susceptibility and Pathological Development of Hepatocellular Carcinoma. Annals of Surgical Oncology, 2010, 17, 1808-1815.  | 2.0 | 62        |
| 63 | Impact of RECK gene polymorphisms and environmental factors on oral cancer susceptibility and clinicopathologic characteristics in Taiwan. Carcinogenesis, 2011, 32, 1063-1068.  | 2.8 | 61        |
| 64 | In vitro and in vivo antimetastatic effects of Terminalia catappa L. leaves on lung cancer cells. Food and Chemical Toxicology, 2007, 45, 1194-1201.   | 3.7 | 60        |
| 65 | EGCG protects against oxidized LDL-induced endothelial dysfunction by inhibiting LOX-1-mediated signaling. Journal of Applied Physiology, 2010, 108, 1745-1756.  | 2.7 | 60        |
| 66 | Dioscorea nipponica Makino inhibits migration and invasion of human oral cancer HSC-3 cells by transcriptional inhibition of matrix metalloproteinase-2 through modulation of CREB and AP-1 activity. Food and Chemical Toxicology, 2012, 50, 558-566. | 3.7 | 60        |
| 67 | Mass spectrometric characterization of organosulfates related to secondary organic aerosol from isoprene. Rapid Communications in Mass Spectrometry, 2013, 27, 784-794.  | 1.5 | 60        |
| 68 | Emodin, a natural inhibitor of protein kinase CK2, suppresses growth, hyphal development, and biofilm formation of <i>Candida albicans</i> . Yeast, 2017, 34, 253-265.   | 1.8 | 60        |
| 69 | The upregulation of type I plasminogen activator inhibitor in oral submucous fibrosis. Oral Oncology, 2003, 39, 367-372.   | 1.9 | 59        |
| 70 | Increased plasma levels of urokinase plasminogen activator and matrix metalloproteinase-9 in nonsmall cell lung cancer patients. Clinica Chimica Acta, 2005, 354, 91-99.   | 1.6 | 59        |
| 71 | Antimetastatic potentials of flavones on oral cancer cell via an inhibition of matrix-degrading proteases. Archives of Oral Biology, 2008, 53, 287-294.  | 1.9 | 59        |
| 72 | Relevant factors influencing flatfoot in preschool-aged children. European Journal of Pediatrics, 2011, 170, 931-936.  | 2.7 | 59        |

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|----|---|-----|-----------|
| 73 | Osthole inhibits the invasive ability of human lung adenocarcinoma cells via suppression of NF- $\kappa$ B-mediated matrix metalloproteinase-9 expression. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 105-115.                       | 2.9 | 59        |
| 74 | Role of MMP14 Gene Polymorphisms in Susceptibility and Pathological Development to Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2011, 18, 2348-2356.  | 2.0 | 58        |
| 75 | Footprint analysis of flatfoot in preschool-aged children. <i>European Journal of Pediatrics</i> , 2011, 170, 611-617.  | 2.7 | 58        |
| 76 | Natural Bioactives and Phytochemicals Serve in Cancer Treatment and Prevention. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-1.   | 1.2 | 58        |
| 77 | Stimulation of Matrix Metalloproteinases by Black-Pigmented Bacteroides in Human Pulp and Periodontal Ligament Cell Cultures. <i>Journal of Endodontics</i> , 2002, 28, 90-93.  | 3.1 | 57        |
| 78 | Lipocalin 2 prevents oral cancer metastasis through carbonic anhydrase IX inhibition and is associated with favourable prognosis. <i>Carcinogenesis</i> , 2016, 37, 712-722.  | 2.8 | 56        |
| 79 | Increased cystatin C serum concentrations in patients with hepatic diseases of various severities. <i>Clinica Chimica Acta</i> , 2004, 341, 133-138.  | 1.6 | 55        |
| 80 | Selaginella tamariscina (Beauv.) possesses antimetastatic effects on human osteosarcoma cells by decreasing MMP-2 and MMP-9 secretions via p38 and Akt signaling pathways. <i>Food and Chemical Toxicology</i> , 2013, 59, 801-807.               | 3.7 | 55        |
| 81 | A novel Zea mays ssp. mexicana L. MYC-type ICE-like transcription factor gene ZmMICE1, enhances freezing tolerance in transgenic Arabidopsis thaliana. <i>Plant Physiology and Biochemistry</i> , 2017, 113, 78-88.                               | 5.9 | 55        |
| 82 | New insights into molecular and cellular mechanisms of zoledronate in human osteosarcoma. , 2020, 214, 107611.  |     | 55        |
| 83 | Scoring of p16INK4a immunohistochemistry based on independent nuclear staining alone can sufficiently distinguish between endocervical and endometrial adenocarcinomas in a tissue microarray study. <i>Modern Pathology</i> , 2009, 22, 797-806. | 5.6 | 54        |
| 84 | Effects of NFKB1 and NFKBIA Gene Polymorphisms on Susceptibility to Environmental Factors and the Clinicopathologic Development of Oral Cancer. <i>PLoS ONE</i> , 2012, 7, e35078.  | 2.5 | 54        |
| 85 | The Antimetastatic Effects of Resveratrol on Hepatocellular Carcinoma through the Downregulation of a Metastasis-Associated Protease by SP-1 Modulation. <i>PLoS ONE</i> , 2013, 8, e56661.   | 2.5 | 54        |
| 86 | Pterostilbene induce autophagy on human oral cancer cells through modulation of Akt and mitogen-activated protein kinase pathway. <i>Oral Oncology</i> , 2015, 51, 593-601.   | 1.9 | 54        |
| 87 | Knockdown of Pentraxin 3 suppresses tumorigenicity and metastasis of human cervical cancer cells. <i>Scientific Reports</i> , 2016, 6, 29385.   | 3.4 | 54        |
| 88 | Comparison of drip fertigation and negative pressure fertigation on soil water dynamics and water use efficiency of greenhouse tomato grown in the North China Plain. <i>Agricultural Water Management</i> , 2017, 184, 1-8.                      | 5.7 | 54        |
| 89 | Cathepsin B Expression and the Correlation with Clinical Aspects of Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0152165.   | 2.5 | 54        |
| 90 | Resveratrol suppresses TPA-induced matrix metalloproteinase-9 expression through the inhibition of MAPK pathways in oral cancer cells. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 699-706.   | 2.7 | 53        |

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|-----|---|-----|-----------|
| 91  | Loss of TIMP3 by promoter methylation of Sp1 binding site promotes oral cancer metastasis. <i>Cell Death and Disease</i> , 2019, 10, 793.   | 6.4 | 53        |
| 92  | Inhibition of eIF2 $\gamma$ dephosphorylation accelerates pterostilbene-induced cell death in human hepatocellular carcinoma cells in an ER stress and autophagy-dependent manner. <i>Cell Death and Disease</i> , 2019, 10, 418.   | 6.4 | 53        |
| 93  | Contribution of genetic polymorphisms of stromal cell-derived factor-1 and its receptor, CXCR4, to the susceptibility and clinicopathologic development of oral cancer. <i>Head and Neck</i> , 2009, 31, 1282-1288.   | 2.0 | 52        |
| 94  | Therapeutic Effects of Hyperbaric Oxygen in the Process of Wound Healing. <i>Current Pharmaceutical Design</i> , 2019, 25, 1682-1693.   | 1.9 | 52        |
| 95  | The upregulation of insulin-like growth factor-1 in oral submucous fibrosis. <i>Oral Oncology</i> , 2005, 41, 940-946.  | 1.9 | 51        |
| 96  | The association between hypoxia inducible factor-1 $\alpha$ gene polymorphisms and increased susceptibility to oral cancer. <i>Oral Oncology</i> , 2009, 45, e222-e226.   | 1.9 | 51        |
| 97  | Hypoxia inducible factor-1 $\alpha$ gene polymorphism G1790A and its interaction with tobacco and alcohol consumptions increase susceptibility to hepatocellular carcinoma. <i>Journal of Surgical Oncology</i> , 2010, 102, 163-169.                                     | 1.7 | 51        |
| 98  | $\alpha$ -Mangostin induces mitochondrial dependent apoptosis in human hepatoma SK-Hep-1 cells through inhibition of p38 MAPK pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1548-1560.   | 4.9 | 51        |
| 99  | A novel melatonin-regulated lncRNA suppresses TPA-induced oral cancer cell motility through replenishing PRUNE2 expression. <i>Journal of Pineal Research</i> , 2021, 71, e12760.   | 7.7 | 51        |
| 100 | Glabridin Mediate Caspases Activation and Induces Apoptosis through JNK1/2 and p38 MAPK Pathway in Human Promyelocytic Leukemia Cells. <i>PLoS ONE</i> , 2014, 9, e98943.   | 2.5 | 51        |
| 101 | Impact of serum levels and gene polymorphism of cytokines on chronic hepatitis C infection. <i>Translational Research</i> , 2007, 150, 116-121.   | 5.2 | 50        |
| 102 | Tumor-associated carbonic anhydrase XII is linked to the growth of primary oral squamous cell carcinoma and its poor prognosis. <i>Oral Oncology</i> , 2012, 48, 417-423.   | 1.9 | 50        |
| 103 | Synergistic effect of fisetin combined with sorafenib in human cervical cancer HeLa cells through activation of death receptor-5 mediated caspase-8/caspase-3 and the mitochondria-dependent apoptotic pathway. <i>Tumor Biology</i> , 2016, 37, 6987-6996.               | 1.7 | 50        |
| 104 | The aberrant expression of cytosolic carbonic anhydrase and its clinical significance in human non-small cell lung cancer. <i>Cancer Letters</i> , 2002, 188, 199-205.  | 7.3 | 49        |
| 105 | Relationships between the level of matrix metalloproteinase-2 and tumor size of breast cancer. <i>Clinica Chimica Acta</i> , 2006, 371, 92-96.  | 1.6 | 49        |
| 106 | The tumor-growth inhibitory activity of flavanone and 2-OH flavanone in vitro and in vivo through induction of cell cycle arrest and suppression of cyclins and CDKs. <i>Journal of Biomedical Science</i> , 2007, 14, 107-119.   | 7.2 | 49        |
| 107 | Cross-talk between mineralocorticoid receptor/angiotensin II type 1 receptor and mitogen-activated protein kinase pathways underlies aldosterone-induced atrial fibrotic responses in HL-1 cardiomyocytes. <i>International Journal of Cardiology</i> , 2013, 169, 17-28. | 1.6 | 49        |
| 108 | Dehydroandrographolide inhibits oral cancer cell migration and invasion through NF- $\kappa$ B-, AP-1-, and SP-1-modulated matrix metalloproteinase-2 inhibition. <i>Biochemical Pharmacology</i> , 2017, 130, 10-20.   | 4.6 | 49        |

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|-----|--|-----|-----------|
| 109 | Enterotype-based Analysis of Gut Microbiota along the Conventional Adenoma-Carcinoma Colorectal Cancer Pathway. <i>Scientific Reports</i> , 2019, 9, 10923.  | 3.4 | 49        |
| 110 | 3'UTR polymorphisms of carbonic anhydrase IX determine the miR-34a targeting efficiency and prognosis of hepatocellular carcinoma. <i>Scientific Reports</i> , 2017, 7, 4466.  | 3.4 | 48        |
| 111 | Long noncoding RNA FOXD3AS1 promotes colon adenocarcinoma progression and functions as a competing endogenous RNA to regulate SIRT1 by sponging miR-135a5p. <i>Journal of Cellular Physiology</i> , 2019, 234, 21889-21902.  | 4.2 | 48        |
| 112 | Rapid Directional Change Degrades GPS Distance Measurement Validity during Intermittent Intensity Running. <i>PLoS ONE</i> , 2014, 9, e93693.  | 2.5 | 48        |
| 113 | Association of IL-12B Genetic Polymorphism with the Susceptibility and Disease Severity of Ankylosing Spondylitis. <i>Journal of Rheumatology</i> , 2012, 39, 135-140.   | 2.1 | 47        |
| 114 | Glutathione S-Transferase P1 (GSTP1) gene polymorphism increases age-related susceptibility to hepatocellular carcinoma. <i>BMC Medical Genetics</i> , 2010, 11, 46.   | 2.0 | 46        |
| 115 | MicroRNA Gene Polymorphisms and Environmental Factors Increase Patient Susceptibility to Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e89930.  | 2.5 | 46        |
| 116 | Melatonin attenuates osteosarcoma cell invasion by suppression of C/EBP motif chemokine ligand 24 through inhibition of the c-Jun N-terminal kinase pathway. <i>Journal of Pineal Research</i> , 2018, 65, e12507.   | 7.7 | 46        |
| 117 | Melatonin suppresses lung cancer metastasis by inhibition of epithelial-mesenchymal transition through targeting to Twist. <i>Clinical Science</i> , 2019, 133, 709-722.   | 4.3 | 46        |
| 118 | Phyllanthus urinaria suppresses human osteosarcoma cell invasion and migration by transcriptionally inhibiting u-PA via ERK and Akt signaling pathways. <i>Food and Chemical Toxicology</i> , 2013, 52, 193-199.   | 3.7 | 45        |
| 119 | The CCN Family Proteins: Modulators of Bone Development and Novel Targets in Bone-Associated Tumors. <i>BioMed Research International</i> , 2014, 2014, 1-11.  | 2.0 | 45        |
| 120 | Pterostilbene suppresses oral cancer cell invasion by inhibiting MMP-2 expression. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 1109-1120.   | 3.5 | 45        |
| 121 | Glabridin induces apoptosis and autophagy through JNK1/2 pathway in human hepatoma cells. <i>Phytomedicine</i> , 2016, 23, 359-366.  | 5.4 | 45        |
| 122 | Pharmacodynamic considerations in the use of matrix metalloproteinase inhibitors in cancer treatment. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 191-200.   | 3.4 | 45        |
| 123 | Effects of miR-34b/miR-892a Upregulation and Inhibition of ABCB1/ABCB4 on Melatonin-Induced Apoptosis in VCR-Resistant Oral Cancer Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 877-889.  | 5.1 | 45        |
| 124 | Pterostilbene Simultaneously Induced G0/G1-Phase Arrest and MAPK-Mediated Mitochondrial-Derived Apoptosis in Human Acute Myeloid Leukemia Cell Lines. <i>PLoS ONE</i> , 2014, 9, e105342.  | 2.5 | 44        |
| 125 | Metformin induces apoptosis and inhibits migration by activating the AMPK/p53 axis and suppressing PI3K/AKT signaling in human cervical cancer cells. <i>Molecular Medicine Reports</i> , 2020, 23, .  | 2.5 | 44        |
| 126 | Matrix metalloproteinase 2 and matrix metalloproteinase 9 expression in human oral squamous cell carcinoma and the effect of protein kinase C inhibitors: Preliminary observations. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003, 95, 710-716. | 1.3 | 43        |



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|-----|--|-----|-----------|
| 127 | Hispolon Induces Apoptosis through JNK1/2-Mediated Activation of a Caspase-8, -9, and -3-Dependent Pathway in Acute Myeloid Leukemia (AML) Cells and Inhibits AML Xenograft Tumor Growth in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10063-10073. | 5.3 | 43        |
| 128 | Licochalcone A-Induced Apoptosis Through the Activation of p38MAPK Pathway Mediated Mitochondrial Pathways of Apoptosis in Human Osteosarcoma Cells In Vitro and In Vivo. <i>Cells</i> , 2019, 8, 1441.  | 4.3 | 43        |
| 129 | Rolling element bearing feature extraction and anomaly detection based on vibration monitoring. , 2008, , .  |     | 42        |
| 130 | Effects of Thawing Temperature and Post-thaw Dilution on the Quality of Cat Spermatozoa. <i>Reproduction in Domestic Animals</i> , 2010, 45, 221-227.  | 1.4 | 42        |
| 131 | Autotaxinâ€“Lysophosphatidic Acid Signaling Axis Mediates Tumorigenesis and Development of Acquired Resistance to Sunitinib in Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2013, 19, 6461-6472.  | 7.2 | 42        |
| 132 | Nobiletin inhibits invasion and migration of human nasopharyngeal carcinoma cell lines by involving ERK1/2 and transcriptional inhibition of MMP-2. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 307-320.  | 3.5 | 42        |
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