

Shun-Fa Yang

List of Publications by Year in descending order

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675
papers

15,791
citations

28274

55
h-index

62596

80
g-index

691
all docs

691
docs citations

691
times ranked

18237
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. | 4.1 | 335 |
| 2 | Cancer metastasis: Mechanisms of inhibition by melatonin. Journal of Pineal Research, 2017, 62, e12370. | 7.4 | 245 |
| 3 | 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. | 2.0 | 213 |
| 4 | 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. | 2.7 | 155 |
| 5 | Platelet-rich Fibrin Increases Proliferation and Differentiation of Human Dental Pulp Cells. Journal of Endodontics, 2010, 36, 1628-1632. | 3.1 | 147 |
| 6 | 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. | 4.2 | 138 |
| 7 | Lucidenic acid inhibits PMA-induced invasion of human hepatoma cells through inactivating MAPK/ERK signal transduction pathway and reducing binding activities of NF- κ B and AP-1. Carcinogenesis, 2007, 29, 147-156. | 2.8 | 137 |
| 8 | Melatonin inhibits MMP-9 transactivation and renal cell carcinoma metastasis by suppressing Akt \rightarrow MAPK's pathway and $\text{NF-}\kappa\text{B}$ DNA binding activity. Journal of Pineal Research, 2016, 60, 277-290. | 4.4 | 128 |
| 9 | Bacterial alterations in salivary microbiota and their association in oral cancer. Scientific Reports, 2017, 7, 16540. | 3.3 | 127 |
| 10 | 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. | 3.4 | 121 |
| 11 | 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. | 4.2 | 112 |
| 12 | Epigallocatechin \rightarrow gallate inhibits the invasion of human oral cancer cells and decreases the productions of matrix metalloproteinases and urokinase \rightarrow plasminogen activator. Journal of Oral Pathology and Medicine, 2007, 36, 588-593. | 2.7 | 109 |
| 13 | Severe cutaneous adverse reactions induced by targeted anticancer therapies and immunotherapies. Cancer Management and Research, 2018, Volume 10, 1259-1273. | 1.9 | 109 |
| 14 | 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. | 2.7 | 108 |
| 15 | 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 | 108 |
| 16 | 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 |
| 17 | Exome Sequencing of Oral Squamous Cell Carcinoma Reveals Molecular Subgroups and Novel Therapeutic Opportunities. Theranostics, 2017, 7, 1088-1099. | 10.0 | 101 |
| 18 | Antimetastatic Effects of Norcantharidin on Hepatocellular Carcinoma by Transcriptional Inhibition of MMP-9 through Modulation of NF- κ B Activity. PLoS ONE, 2012, 7, e31055. | 2.5 | 100 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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. | 3.6 | 96 |
| 20 | 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. | 4.2 | 95 |
| 21 | Melatonin suppresses TPA-induced metastasis by downregulating matrix metalloproteinase-9 expression through JNK/SP-1 signaling in nasopharyngeal carcinoma. Journal of Pineal Research, 2016, 61, 479-492. | 7.4 | 95 |
| 22 | Compositional and functional variations of oral microbiota associated with the mutational changes in oral cancer. Oral Oncology, 2018, 77, 1-8. | 1.5 | 95 |
| 23 | 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. | 1.8 | 93 |
| 24 | 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. | 1.5 | 85 |
| 25 | Nobiletin inhibits human osteosarcoma cells metastasis by blocking ERK and JNK-mediated MMPs expression. Oncotarget, 2016, 7, 35208-35223. | 1.8 | 82 |
| 26 | Effects of dietary flaxseed oil on cholesterol metabolism of hamsters. Food Chemistry, 2009, 114, 1450-1455. | 8.2 | 81 |
| 27 | Hispolon suppresses metastasis via autophagic degradation of cathepsin S in cervical cancer cells. Cell Death and Disease, 2017, 8, e3089-e3089. | 6.3 | 78 |
| 28 | Knockdown of lipocalin-2 suppresses the growth and invasion of prostate cancer cells. Prostate, 2013, 73, 1281-1290. | 2.3 | 77 |
| 29 | Natural Bioactives in Cancer Treatment and Prevention. BioMed Research International, 2015, 2015, 1-1. | 1.9 | 77 |
| 30 | Matrix metalloproteinase-2 as a target for head and neck cancer therapy. Expert Opinion on Therapeutic Targets, 2013, 17, 203-216. | 3.4 | 76 |
| 31 | Glabridin inhibits migration and invasion by transcriptional inhibition of matrix metalloproteinase 9 through modulation of NF- κ B and AP-1 activity in human liver cancer cells. British Journal of Pharmacology, 2014, 171, 3037-3050. | 5.4 | 76 |
| 32 | Prostaglandin E2/EP1 Signaling Pathway Enhances Intercellular Adhesion Molecule 1 (ICAM-1) Expression and Cell Motility in Oral Cancer Cells. Journal of Biological Chemistry, 2010, 285, 29808-29816. | 3.4 | 72 |
| 33 | Relationships between circulating matrix metalloproteinase-2 and -9 and renal function in patients with chronic kidney disease. Clinica Chimica Acta, 2006, 366, 243-248. | 1.1 | 71 |
| 34 | LTA and LPS mediated activation of protein kinases in the regulation of inflammatory cytokines expression in macrophages. Clinica Chimica Acta, 2006, 374, 106-115. | 1.1 | 71 |
| 35 | Melatonin inhibits TPA-induced oral cancer cell migration by suppressing matrix metalloproteinase-9 activation through the histone acetylation. Oncotarget, 2016, 7, 21952-21967. | 1.8 | 71 |
| 36 | Metformin inhibits the invasion of human hepatocellular carcinoma cells and enhances the chemosensitivity to sorafenib through a downregulation of the ERK/JNK-mediated NF- κ B-dependent pathway that reduces uPA and MMP-9 expression. Amino Acids, 2014, 46, 2809-2822. | 2.7 | 70 |

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|----|---|-----|-----------|
| 37 | Oral microbial dysbiosis and its performance in predicting oral cancer. <i>Carcinogenesis</i> , 2021, 42, 127-135. | 2.8 | 70 |
| 38 | A Threeâ€MicroRNA Signature as a Potential Biomarker for the Early Detection of Oral Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 758. | 4.1 | 69 |
| 39 | TIMP-3 as a therapeutic target for cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591986424. | 3.2 | 68 |
| 40 | 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. | 1.8 | 66 |
| 41 | Licochalcone A Suppresses Migration and Invasion of Human Hepatocellular Carcinoma Cells through Downregulation of MKK4/JNK via NF- κ B Mediated Urokinase Plasminogen Activator Expression. <i>PLoS ONE</i> , 2014, 9, e86537. | 2.5 | 66 |
| 42 | Impacts of MicroRNA Gene Polymorphisms on the Susceptibility of Environmental Factors Leading to Carcinogenesis in Oral Cancer. <i>PLoS ONE</i> , 2012, 7, e39777. | 2.5 | 63 |
| 43 | Impact of <i>HOTAIR</i> Gene Polymorphism and Environmental Risk on Oral Cancer. <i>Journal of Dental Research</i> , 2018, 97, 717-724. | 5.2 | 63 |
| 44 | Praeruptorin A Inhibits Human Cervical Cancer Cell Growth and Invasion by Suppressing MMP-2 Expression and ERK1/2 Signaling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 10. | 4.1 | 63 |
| 45 | Relationship of Insulin-Like Growth Factors System Gene Polymorphisms with the Susceptibility and Pathological Development of Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2010, 17, 1808-1815. | 1.5 | 62 |
| 46 | 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. | | 61 |
| 47 | Increased plasma levels of urokinase plasminogen activator and matrix metalloproteinase-9 in nonsmall cell lung cancer patients. <i>Clinica Chimica Acta</i> , 2005, 354, 91-99. | 1.1 | 59 |
| 48 | In vitro and in vivo antimetastatic effects of <i>Terminalia catappa</i> L. leaves on lung cancer cells. <i>Food and Chemical Toxicology</i> , 2007, 45, 1194-1201. | 3.6 | 59 |
| 49 | EGCG protects against oxidized LDL-induced endothelial dysfunction by inhibiting LOX-1-mediated signaling. <i>Journal of Applied Physiology</i> , 2010, 108, 1745-1756. | 2.5 | 59 |
| 50 | Impact of RECK gene polymorphisms and environmental factors on oral cancer susceptibility and clinicopathologic characteristics in Taiwan. <i>Carcinogenesis</i> , 2011, 32, 1063-1068. | 2.8 | 59 |
| 51 | <i>Dioscorea nipponica</i> 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. <i>Food and Chemical Toxicology</i> , 2012, 50, 558-566. | 3.6 | 59 |
| 52 | The upregulation of type I plasminogen activator inhibitor in oral submucous fibrosis. <i>Oral Oncology</i> , 2003, 39, 367-372. | 1.5 | 58 |
| 53 | Antimetastatic potentials of flavones on oral cancer cell via an inhibition of matrix-degrading proteases. <i>Archives of Oral Biology</i> , 2008, 53, 287-294. | 1.8 | 58 |
| 54 | Role of MMP14 Gene Polymorphisms in Susceptibility and Pathological Development to Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2011, 18, 2348-2356. | 1.5 | 58 |

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|----|---|-----|-----------|
| 55 | Footprint analysis of flatfoot in preschool-aged children. <i>European Journal of Pediatrics</i> , 2011, 170, 611-617. | 2.7 | 58 |
| 56 | Relevant factors influencing flatfoot in preschool-aged children. <i>European Journal of Pediatrics</i> , 2011, 170, 931-936. | 2.7 | 58 |
| 57 | 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 |
| 58 | 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 | 56 |
| 59 | Osthole inhibits the invasive ability of human lung adenocarcinoma cells via suppression of NF- κ B-mediated matrix metalloproteinase-9 expression. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 105-115. | 2.8 | 56 |
| 60 | 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 |
| 61 | 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. | 3.6 | 55 |
| 62 | Changes in prevalence of precancerous oral submucous fibrosis from 1996 to 2013 in Taiwan: A nationwide population-based retrospective study. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 147-152. | 1.7 | 55 |
| 63 | 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. | 5.5 | 54 |
| 64 | 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 |
| 65 | Increased cystatin C serum concentrations in patients with hepatic diseases of various severities. <i>Clinica Chimica Acta</i> , 2004, 341, 133-138. | 1.1 | 53 |
| 66 | Knockdown of Pentraxin 3 suppresses tumorigenicity and metastasis of human cervical cancer cells. <i>Scientific Reports</i> , 2016, 6, 29385. | 3.3 | 53 |
| 67 | 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 |
| 68 | 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 | 52 |
| 69 | 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. | 1.5 | 52 |
| 70 | 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 | 52 |
| 71 | Cathepsin B Expression and the Correlation with Clinical Aspects of Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0152165. | 2.5 | 52 |
| 72 | The association between hypoxia inducible factor-1 α gene polymorphisms and increased susceptibility to oral cancer. <i>Oral Oncology</i> , 2009, 45, e222-e226. | 1.5 | 51 |

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|----|---|-----|-----------|
| 73 | Hypoxia inducible factor-1 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 |
| 74 | Loss of TIMP3 by promoter methylation of Sp1 binding site promotes oral cancer metastasis. <i>Cell Death and Disease</i> , 2019, 10, 793. | 6.3 | 51 |
| 75 | The upregulation of insulin-like growth factor-1 in oral submucous fibrosis. <i>Oral Oncology</i> , 2005, 41, 940-946. | 1.5 | 50 |
| 76 | Impact of serum levels and gene polymorphism of cytokines on chronic hepatitis C infection. <i>Translational Research</i> , 2007, 150, 116-121. | 5.0 | 50 |
| 77 | Î±-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 | 50 |
| 78 | Inhibition of eIF2Î± 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. | 6.3 | 50 |
| 79 | New insights into molecular and cellular mechanisms of zoledronate in human osteosarcoma. , 2020, 214, 107611. | | 50 |
| 80 | 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. | 7.2 | 49 |
| 81 | Relationships between the level of matrix metalloproteinase-2 and tumor size of breast cancer. <i>Clinica Chimica Acta</i> , 2006, 371, 92-96. | 1.1 | 49 |
| 82 | 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. | 7.0 | 49 |
| 83 | 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. | 1.5 | 49 |
| 84 | 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. | 1.7 | 49 |
| 85 | Dehydroandrographolide inhibits oral cancer cell migration and invasion through NF-Î²B-, AP-1-, and SP-1-modulated matrix metalloproteinase-2 inhibition. <i>Biochemical Pharmacology</i> , 2017, 130, 10-20. | 4.4 | 48 |
| 86 | 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. | 3.3 | 48 |
| 87 | MicroRNA Gene Polymorphisms and Environmental Factors Increase Patient Susceptibility to Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e89930. | 2.5 | 46 |
| 88 | 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. | 1.8 | 46 |
| 89 | Melatonin attenuates osteosarcoma cell invasion by suppression of CCR motif chemokine ligand 24 through inhibition of the c-Jun N-terminal kinase pathway. <i>Journal of Pineal Research</i> , 2018, 65, e12507. | 7.4 | 46 |
| 90 | Enterotype-based Analysis of Gut Microbiota along the Conventional Adenoma-Carcinoma Colorectal Cancer Pathway. <i>Scientific Reports</i> , 2019, 9, 10923. | 3.3 | 46 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Glabridin Mediate Caspases Activation and Induces Apoptosis through JNK1/2 and p38 MAPK Pathway in Human Promyelocytic Leukemia Cells. PLoS ONE, 2014, 9, e98943. | 2.5 | 46 |
| 92 | Association of IL-12B Genetic Polymorphism with the Susceptibility and Disease Severity of Ankylosing Spondylitis. Journal of Rheumatology, 2012, 39, 135-140. | 2.0 | 45 |
| 93 | Glabridin induces apoptosis and autophagy through JNK1/2 pathway in human hepatoma cells. Phytomedicine, 2016, 23, 359-366. | 5.3 | 45 |
| 94 | Pharmacodynamic considerations in the use of matrix metalloproteinase inhibitors in cancer treatment. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 191-200. | 3.3 | 45 |
| 95 | A novel melatonin-regulated lncRNA suppresses TPA-induced oral cancer cell motility through replenishing PRUNE2 expression. Journal of Pineal Research, 2021, 71, e12760. | 7.4 | 45 |
| 96 | Phyllanthus urinaria suppresses human osteosarcoma cell invasion and migration by transcriptionally inhibiting u-PA via ERK and Akt signaling pathways. Food and Chemical Toxicology, 2013, 52, 193-199. | 3.6 | 44 |
| 97 | The CCN Family Proteins: Modulators of Bone Development and Novel Targets in Bone-Associated Tumors. BioMed Research International, 2014, 2014, 1-11. | 1.9 | 44 |
| 98 | Pterostilbene Simultaneously Induced G0/G1-Phase Arrest and MAPK-Mediated Mitochondrial-Derived Apoptosis in Human Acute Myeloid Leukemia Cell Lines. PLoS ONE, 2014, 9, e105342. | 2.5 | 44 |
| 99 | Matrix metalloproteinase 2 and matrix metalloproteinase 9 expression in human oral squamous cell carcinoma and the effect of protein kinase C inhibitors: Preliminary observations. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 95, 710-716. | 1.4 | 43 |
| 100 | Glutathione S-Transferase P1 (GSTP1) gene polymorphism increases age-related susceptibility to hepatocellular carcinoma. BMC Medical Genetics, 2010, 11, 46. | 2.1 | 43 |
| 101 | Pterostilbene suppresses oral cancer cell invasion by inhibiting MMP-2 expression. Expert Opinion on Therapeutic Targets, 2014, 18, 1109-1120. | 3.4 | 43 |
| 102 | Effects of miR-34b/miR-892a Upregulation and Inhibition of ABCB1/ABCB4 on Melatonin-Induced Apoptosis in VCR-Resistant Oral Cancer Cells. Molecular Therapy - Nucleic Acids, 2020, 19, 877-889. | 5.1 | 43 |
| 103 | Differential expression of carbonic anhydrase isoenzymes in various types of anemia. Clinica Chimica Acta, 2005, 351, 79-86. | 1.1 | 41 |
| 104 | Silibinin inhibits the invasion and migration of renal carcinoma 786-O cells in vitro, inhibits the growth of xenografts in vivo and enhances chemosensitivity to 5-fluorouracil and paclitaxel. Molecular Carcinogenesis, 2011, 50, 811-823. | 2.7 | 41 |
| 105 | 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. Journal of Agricultural and Food Chemistry, 2013, 61, 10063-10073. | 5.2 | 41 |
| 106 | Autotaxin-Lysophosphatidic Acid Signaling Axis Mediates Tumorigenesis and Development of Acquired Resistance to Sunitinib in Renal Cell Carcinoma. Clinical Cancer Research, 2013, 19, 6461-6472. | 7.0 | 41 |
| 107 | Licochalcone A-Induced Apoptosis Through the Activation of p38MAPK Pathway Mediated Mitochondrial Pathways of Apoptosis in Human Osteosarcoma Cells In Vitro and In Vivo. Cells, 2019, 8, 1441. | 4.1 | 41 |
| 108 | Zoledronate blocks geranylgeranylation not farnesylation to suppress human osteosarcoma U2OS cells metastasis by EMT via Rho A activation and FAK-inhibited JNK and p38 pathways. Oncotarget, 2016, 7, 9742-9758. | 1.8 | 41 |

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|-----|---|-----|-----------|
| 109 | 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. | 3.4 | 40 |
| 110 | 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 | 40 |
| 111 | Stromal cell-derived factor-1 but not its receptor, CXCR4, gene variants increase susceptibility and pathological development of hepatocellular carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 412-8. | 2.3 | 39 |
| 112 | Polyphyllin G induces apoptosis and autophagy cell death in human oral cancer cells. <i>Phytomedicine</i> , 2016, 23, 1545-1554. | 5.3 | 39 |
| 113 | Inhibition of cathepsin S confers sensitivity to methyl protodioscin in oral cancer cells via activation of p38 MAPK/JNK signaling pathways. <i>Scientific Reports</i> , 2017, 7, 45039. | 3.3 | 39 |
| 114 | Elevated expression of NF- κ B in oral submucous fibrosis - Evidence for NF- κ B induction by safrole in human buccal mucosal fibroblasts. <i>Oral Oncology</i> , 2007, 43, 557-562. | 1.5 | 38 |
| 115 | Molecular and Cellular Mechanisms of Melatonin in Osteosarcoma. <i>Cells</i> , 2019, 8, 1618. | 4.1 | 38 |
| 116 | Excessive matrix metalloproteinase-9 in the plasma of community-acquired pneumonia. <i>Clinica Chimica Acta</i> , 2005, 352, 209-215. | 1.1 | 37 |
| 117 | Caffeic Acid Phenethyl Ester Inhibits Oral Cancer Cell Metastasis by Regulating Matrix Metalloproteinase-2 and the Mitogen-Activated Protein Kinase Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10. | 1.2 | 37 |
| 118 | Assessment of the Anti-invasion Potential and Mechanism of Select Cinnamic Acid Derivatives on Human Lung Adenocarcinoma Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 1890-1900. | 4.6 | 37 |
| 119 | Carbonic anhydrase IX overexpression regulates the migration and progression in oral squamous cell carcinoma. <i>Tumor Biology</i> , 2015, 36, 9517-9524. | 1.8 | 37 |
| 120 | Functional Interaction between Melatonin Signaling and Noncoding RNAs. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 435-445. | 7.1 | 37 |
| 121 | Effects of NFKB1 and NFKBIA Gene Polymorphisms on Hepatocellular Carcinoma Susceptibility and Clinicopathological Features. <i>PLoS ONE</i> , 2013, 8, e56130. | 2.5 | 37 |
| 122 | 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, . | 2.4 | 37 |
| 123 | The upregulation of metallothionein-1 expression in areca quid chewing-associated oral squamous cell carcinomas. <i>Oral Oncology</i> , 2008, 44, 180-186. | 1.5 | 36 |
| 124 | Role of Reactive Oxygen Species-Related Enzymes in Neuropeptide Y and Proopiomelanocortin-Mediated Appetite Control: A Study Using Atypical Protein Kinase C Knockdown. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2147-2159. | 5.4 | 36 |
| 125 | Epigallocatechingallate Inhibits Migration of Human Uveal Melanoma Cells via Downregulation of Matrix Metalloproteinase-2 Activity and ERK1/2 Pathway. <i>BioMed Research International</i> , 2014, 2014, 1-9. | 1.9 | 36 |
| 126 | Overexpression of carbonic anhydrase IX induces cell motility by activating matrix metalloproteinase-9 in human oral squamous cell carcinoma cells. <i>Oncotarget</i> , 2017, 8, 83088-83099. | 1.8 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Expression changes of gelatinases in human osteoarthritic knees and arthroscopic debridement. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2004, 20, 482-488. | 2.7 | 35 |
| 128 | Crude extracts of Solanum lyratum protect endothelial cells against oxidized low-density lipoprotein-induced injury by direct antioxidant action. Journal of Vascular Surgery, 2009, 50, 849-860. | 1.1 | 35 |
| 129 | <i>Terminalia catappa</i> Exerts Antimetastatic Effects on Hepatocellular Carcinoma through Transcriptional Inhibition of Matrix Metalloproteinase-9 by Modulating NF- κ B and AP-1 Activity. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11. | 1.2 | 35 |
| 130 | Targeting EMP3 suppresses proliferation and invasion of hepatocellular carcinoma cells through inactivation of PI3K/Akt pathway. Oncotarget, 2015, 6, 34859-34874. | 1.8 | 35 |
| 131 | Erianin Induces Apoptosis and Autophagy in Oral Squamous Cell Carcinoma Cells. The American Journal of Chinese Medicine, 2020, 48, 183-200. | 3.8 | 35 |
| 132 | Effect of CC chemokine ligand 5 and CC chemokine receptor 5 genes polymorphisms on the risk and clinicopathological development of oral cancer. Oral Oncology, 2010, 46, 767-772. | 1.5 | 34 |
| 133 | Ultraviolet-A Irradiation Upregulated Urokinase-Type Plasminogen Activator in Pterygium Fibroblasts through ERK and JNK Pathways. , 2013, 54, 999. | | 34 |
| 134 | Nobiletin suppresses the proliferation and induces apoptosis involving MAPKs and caspase-8/-9/-3 signals in human acute myeloid leukemia cells. Tumor Biology, 2014, 35, 11903-11911. | 1.8 | 34 |
| 135 | Inhibition of pentraxin 3 in glioma cells impairs proliferation and invasion in vitro and in vivo. Journal of Neuro-Oncology, 2016, 129, 201-209. | 2.9 | 34 |
| 136 | Variations in the <i>AURKA</i> Gene: Biomarkers for the Development and Progression of Hepatocellular Carcinoma. International Journal of Medical Sciences, 2018, 15, 170-175. | 2.5 | 34 |
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