

# Shun-Fa Yang

## List of Publications by Year in descending order

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675  
papers

15,791  
citations

28190

55  
h-index

62479

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. <i>International Journal of Molecular Sciences</i> , 2017, 18, 843.	1.8	335
2	Cancer metastasis: Mechanisms of inhibition by melatonin. <i>Journal of Pineal Research</i> , 2017, 62, e12370.	3.4	245
3	Cyanidin 3-Glucoside and Peonidin 3-Glucoside Inhibit Tumor Cell Growth and Induce Apoptosis In Vitro and Suppress Tumor Growth In Vivo. <i>Nutrition and Cancer</i> , 2005, 53, 232-243.	0.9	213
4	Silibinin inhibits the invasion of human lung cancer cells via decreased productions of urokinase-plasminogen activator and matrix metalloproteinase-2. <i>Molecular Carcinogenesis</i> , 2004, 40, 143-149.	1.3	155
5	Platelet-rich Fibrin Increases Proliferation and Differentiation of Human Dental Pulp Cells. <i>Journal of Endodontics</i> , 2010, 36, 1628-1632.	1.4	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. <i>Archives of Toxicology</i> , 2007, 81, 719-728.	1.9	138
7	Lucidinic 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. <i>Carcinogenesis</i> , 2007, 29, 147-156.	1.3	137
8	Melatonin inhibits $\text{MMP-9}$ transactivation and renal cell carcinoma metastasis by suppressing Akt-MAPK pathway and NF- $\kappa$ B DNA binding activity. <i>Journal of Pineal Research</i> , 2016, 60, 277-290.	1.4	128
9	Bacterial alterations in salivary microbiota and their association in oral cancer. <i>Scientific Reports</i> , 2017, 7, 16540.	1.6	127
10	The urokinase-type plasminogen activator (uPA) system as a biomarker and therapeutic target in human malignancies. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 551-566.	1.5	121
11	Fisetin induces apoptosis in human cervical cancer HeLa cells through ERK1/2-mediated activation of caspase-8/caspase-3-dependent pathway. <i>Archives of Toxicology</i> , 2012, 86, 263-273.	1.9	112
12	Epigallocatechin gallate inhibits the invasion of human oral cancer cells and decreases the productions of matrix metalloproteinases and urokinase-plasminogen activator. <i>Journal of Oral Pathology and Medicine</i> , 2007, 36, 588-593.	1.4	109
13	Severe cutaneous adverse reactions induced by targeted anticancer therapies and immunotherapies. <i>Cancer Management and Research</i> , 2018, Volume 10, 1259-1273.	0.9	109
14	Regulation of matrix metalloproteinase production by cytokines, pharmacological agents and periodontal pathogens in human periodontal ligament fibroblast cultures. <i>Journal of Periodontal Research</i> , 2002, 37, 196-203.	1.4	108
15	Kaempferol Reduces Matrix Metalloproteinase-2 Expression by Down-Regulating ERK1/2 and the Activator Protein-1 Signaling Pathways in Oral Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e80883.	1.1	108
16	Silibinin suppresses human osteosarcoma MG-63 cell invasion by inhibiting the ERK-dependent c-Jun/AP-1 induction of MMP-2. <i>Carcinogenesis</i> , 2006, 28, 977-987.	1.3	103
17	Exome Sequencing of Oral Squamous Cell Carcinoma Reveals Molecular Subgroups and Novel Therapeutic Opportunities. <i>Theranostics</i> , 2017, 7, 1088-1099.	4.6	101
18	Antimetastatic Effects of Norcantharidin on Hepatocellular Carcinoma by Transcriptional Inhibition of MMP-9 through Modulation of NF- $\kappa$ B Activity. <i>PLoS ONE</i> , 2012, 7, e31055.	1.1	100

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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.	1.8	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.	1.9	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.	3.4	95
22	Compositional and functional variations of oral microbiota associated with the mutational changes in oral cancer. Oral Oncology, 2018, 77, 1-8.	0.8	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.	0.8	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.	0.8	85
25	Nobiletin inhibits human osteosarcoma cells metastasis by blocking ERK and JNK-mediated MMPs expression. Oncotarget, 2016, 7, 35208-35223.	0.8	82
26	Effects of dietary flaxseed oil on cholesterol metabolism of hamsters. Food Chemistry, 2009, 114, 1450-1455.	4.2	81
27	Hispolon suppresses metastasis via autophagic degradation of cathepsin S in cervical cancer cells. Cell Death and Disease, 2017, 8, e3089-e3089.	2.7	78
28	Knockdown of lipocalin-2 suppresses the growth and invasion of prostate cancer cells. Prostate, 2013, 73, 1281-1290.	1.2	77
29	Natural Bioactives in Cancer Treatment and Prevention. BioMed Research International, 2015, 2015, 1-1.	0.9	77
30	Matrix metalloproteinase-2 as a target for head and neck cancer therapy. Expert Opinion on Therapeutic Targets, 2013, 17, 203-216.	1.5	76
31	Glabridin inhibits migration and invasion by transcriptional inhibition of matrix metalloproteinase 9 through modulation of NF- $\kappa$ B and AP-1 activity in human liver cancer cells. British Journal of Pharmacology, 2014, 171, 3037-3050.	2.7	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.	1.6	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.	0.5	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.	0.5	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.	0.8	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- $\kappa$ B-dependent pathway that reduces uPA and MMP-9 expression. Amino Acids, 2014, 46, 2809-2822.	1.2	70

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37	Oral microbial dysbiosis and its performance in predicting oral cancer. <i>Carcinogenesis</i> , 2021, 42, 127-135.	1.3	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.	1.8	69
39	TIMP-3 as a therapeutic target for cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591986424.	1.4	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.	0.8	66
41	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.	1.1	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.	1.1	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.	2.5	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.	1.8	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.	0.7	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.	0.5	59
48	In vitro and in vivo antimetastatic effects of Terminalia catappa L. leaves on lung cancer cells. <i>Food and Chemical Toxicology</i> , 2007, 45, 1194-1201.	1.8	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.	1.2	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.	1.3	59
51	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. <i>Food and Chemical Toxicology</i> , 2012, 50, 558-566.	1.8	59
52	The upregulation of type I plasminogen activator inhibitor in oral submucous fibrosis. <i>Oral Oncology</i> , 2003, 39, 367-372.	0.8	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.	0.8	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.	0.7	58

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55	Footprint analysis of flatfoot in preschool-aged children. <i>European Journal of Pediatrics</i> , 2011, 170, 611-617.	1.3	58
56	Relevant factors influencing flatfoot in preschool-aged children. <i>European Journal of Pediatrics</i> , 2011, 170, 931-936.	1.3	58
57	Natural Bioactives and Phytochemicals Serve in Cancer Treatment and Prevention. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-1.	0.5	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.	1.4	56
59	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.	1.3	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.	1.3	56
61	<i>Selaginella tamariscina</i> (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.	1.8	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.	0.8	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.	2.9	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.	1.1	54
65	Increased cystatin C serum concentrations in patients with hepatic diseases of various severities. <i>Clinica Chimica Acta</i> , 2004, 341, 133-138.	0.5	53
66	Knockdown of Pentraxin 3 suppresses tumorigenicity and metastasis of human cervical cancer cells. <i>Scientific Reports</i> , 2016, 6, 29385.	1.6	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.	0.9	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.	1.1	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.	0.8	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.	1.4	52
71	Cathepsin B Expression and the Correlation with Clinical Aspects of Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0152165.	1.1	52
72	The association between hypoxia inducible factor-1 $\alpha$ gene polymorphisms and increased susceptibility to oral cancer. <i>Oral Oncology</i> , 2009, 45, e222-e226.	0.8	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.	0.8	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.	2.7	51
75	The upregulation of insulin-like growth factor-1 in oral submucous fibrosis. <i>Oral Oncology</i> , 2005, 41, 940-946.	0.8	50
76	Impact of serum levels and gene polymorphism of cytokines on chronic hepatitis C infection. <i>Translational Research</i> , 2007, 150, 116-121.	2.2	50
77	-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.	2.2	50
78	Inhibition of eIF2 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.	2.7	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.	3.2	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.	0.5	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.	2.6	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.	0.8	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.	0.8	49
85	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.	2.0	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.	1.6	48
87	MicroRNA Gene Polymorphisms and Environmental Factors Increase Patient Susceptibility to Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e89930.	1.1	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.	0.8	46
89	Melatonin attenuates osteosarcoma cell invasion by suppression of c-Jun N-terminal kinase pathway through inhibition of the Jun N-terminal kinase pathway. <i>Journal of Pineal Research</i> , 2018, 65, e12507.	3.4	46
90	Enterotype-based Analysis of Gut Microbiota along the Conventional Adenoma-Carcinoma Colorectal Cancer Pathway. <i>Scientific Reports</i> , 2019, 9, 10923.	1.6	46

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91	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.	1.1	46
92	Association of IL-12B Genetic Polymorphism with the Susceptibility and Disease Severity of Ankylosing Spondylitis. <i>Journal of Rheumatology</i> , 2012, 39, 135-140.	1.0	45
93	Glabridin induces apoptosis and autophagy through JNK1/2 pathway in human hepatoma cells. <i>Phytomedicine</i> , 2016, 23, 359-366.	2.3	45
94	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.	1.5	45
95	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.	3.4	45
96	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.	1.8	44
97	The CCN Family Proteins: Modulators of Bone Development and Novel Targets in Bone-Associated Tumors. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	44
98	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.	1.1	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. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003, 95, 710-716.	1.6	43
100	Glutathione S-Transferase P1 (GSTP1) gene polymorphism increases age-related susceptibility to hepatocellular carcinoma. <i>BMC Medical Genetics</i> , 2010, 11, 46.	2.1	43
101	Pterostilbene suppresses oral cancer cell invasion by inhibiting MMP-2 expression. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 1109-1120.	1.5	43
102	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.	2.3	43
103	Differential expression of carbonic anhydrase isoenzymes in various types of anemia. <i>Clinica Chimica Acta</i> , 2005, 351, 79-86.	0.5	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. <i>Molecular Carcinogenesis</i> , 2011, 50, 811-823.	1.3	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. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10063-10073.	2.4	41
106	Autotaxin-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.	3.2	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. <i>Cells</i> , 2019, 8, 1441.	1.8	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. <i>Oncotarget</i> , 2016, 7, 9742-9758.	0.8	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.	1.5	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.	1.8	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.	1.4	39
112	Polyphyllin G induces apoptosis and autophagy cell death in human oral cancer cells. <i>Phytomedicine</i> , 2016, 23, 1545-1554.	2.3	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.	1.6	39
114	Elevated expression of NF- $\kappa$ B in oral submucous fibrosis - Evidence for NF- $\kappa$ B induction by safrole in human buccal mucosal fibroblasts. <i>Oral Oncology</i> , 2007, 43, 557-562.	0.8	38
115	Molecular and Cellular Mechanisms of Melatonin in Osteosarcoma. <i>Cells</i> , 2019, 8, 1618.	1.8	38
116	Excessive matrix metalloproteinase-9 in the plasma of community-acquired pneumonia. <i>Clinica Chimica Acta</i> , 2005, 352, 209-215.	0.5	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.	0.5	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.	2.3	37
119	Carbonic anhydrase IX overexpression regulates the migration and progression in oral squamous cell carcinoma. <i>Tumor Biology</i> , 2015, 36, 9517-9524.	0.8	37
120	Functional Interaction between Melatonin Signaling and Noncoding RNAs. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 435-445.	3.1	37
121	Effects of NFKB1 and NFKBIA Gene Polymorphisms on Hepatocellular Carcinoma Susceptibility and Clinicopathological Features. <i>PLoS ONE</i> , 2013, 8, e56130.	1.1	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, .	1.1	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.	0.8	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.	2.5	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.	0.9	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.	0.8	36



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127	Expression changes of gelatinases in human osteoarthritic knees and arthroscopic debridement. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2004, 20, 482-488.	1.3	35
128	Crude extracts of <i>Solanum lyratum</i> protect endothelial cells against oxidized low-density lipoprotein-induced injury by direct antioxidant action. <i>Journal of Vascular Surgery</i> , 2009, 50, 849-860.	0.6	35
129	<i>Terminalia catappa</i> Exerts Antimetastatic Effects on Hepatocellular Carcinoma through Transcriptional Inhibition of Matrix Metalloproteinase-9 by Modulating NF- $\kappa$ B and AP-1 Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	35
130	Targeting EMP3 suppresses proliferation and invasion of hepatocellular carcinoma cells through inactivation of PI3K/Akt pathway. <i>Oncotarget</i> , 2015, 6, 34859-34874.	0.8	35
131	Erianin Induces Apoptosis and Autophagy in Oral Squamous Cell Carcinoma Cells. <i>The American Journal of Chinese Medicine</i> , 2020, 48, 183-200.	1.5	35
132	Effect of CC chemokine ligand 5 and CC chemokine receptor 5 genes polymorphisms on the risk and clinicopathological development of oral cancer. <i>Oral Oncology</i> , 2010, 46, 767-772.	0.8	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. <i>Tumor Biology</i> , 2014, 35, 11903-11911.	0.8	34
135	Inhibition of pentraxin 3 in glioma cells impairs proliferation and invasion in vitro and in vivo. <i>Journal of Neuro-Oncology</i> , 2016, 129, 201-209.	1.4	34
136	Variations in the <i>AURKA</i> Gene: Biomarkers for the Development and Progression of Hepatocellular Carcinoma. <i>International Journal of Medical Sciences</i> , 2018, 15, 170-175.	1.1	34
137	Phloretin suppresses metastasis by targeting protease and inhibits cancer stemness and angiogenesis in human cervical cancer cells. <i>Phytomedicine</i> , 2019, 62, 152964.	2.3	34
138	Upregulation of Heme Oxygenase-1 Expression in Areca-quit-chewing-associated Oral Squamous Cell Carcinoma. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 355-363.	0.8	33
139	Annexin A2 in renal cell carcinoma: Expression, function, and prognostic significance. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 22.e11-22.e21.	0.8	33
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