

Won-Yoon Chung

List of Publications by Year in descending order

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90
papers

2,855
citations

136885

32
h-index

189801

50
g-index

91
all docs

91
docs citations

91
times ranked

3787
citing authors

#	ARTICLE	IF	CITATIONS
1	Isoliquiritigenin inhibits migration and invasion of prostate cancer cells: possible mediation by decreased JNK/AP-1 signaling. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 663-676.	1.9	121
2	Isoliquiritigenin induces apoptosis by depolarizing mitochondrial membranes in prostate cancer cells†. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 689-696.	1.9	111
3	Nitric oxide induces expression of cyclooxygenase-2 in mouse skin through activation of NF- κ B. <i>Carcinogenesis</i> , 2003, 25, 445-454.	1.3	109
4	Antioxidative and antitumor promoting effects of [6]-paradol and its homologs. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 496, 199-206.	0.9	103
5	Oral “Gut Microbiome Axis in Gastrointestinal Disease and Cancer. <i>Cancers</i> , 2021, 13, 2124.	1.7	88
6	Xanthorrhizol inhibits 12-O-tetradecanoylphorbol-13-acetate-induced acute inflammation and two-stage mouse skin carcinogenesis by blocking the expression of ornithine decarboxylase, cyclooxygenase-2 and inducible nitric oxide synthase through mitogen-activated protein kinases and/or the nuclear factor- κ B. <i>Carcinogenesis</i> , 2007, 28, 1224-1231.	1.3	87
7	Antitumor promotional effects of a novel intestinal bacterial metabolite (IH-901) derived from the protopanaxadiol-type ginsenosides in mouse skin. <i>Carcinogenesis</i> , 2004, 26, 359-367.	1.3	75
8	Effects of the Licorice Extract against Tumor Growth and Cisplatin-Induced Toxicity in a Mouse Xenograft Model of Colon Cancer. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 2191-2195.	0.6	74
9	Isoliquiritigenin Inhibits Tumor Growth and Protects the Kidney and Liver Against Chemotherapy-Induced Toxicity in a Mouse Xenograft Model of Colon Carcinoma. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 444-451.	1.1	74
10	Inhibitory effects of the standardized extract (DA-9601) of <i>Artemisia asiatica</i> Nakai on phorbol ester-induced ornithine decarboxylase activity, papilloma formation, cyclooxygenase-2 expression, inducible nitric oxide synthase expression and nuclear transcription factor β activation in mouse skin. <i>International Journal of Cancer</i> , 2002, 100, 456-462.	2.3	73
11	Kalopanaxsaponin A inhibits PMA-induced invasion by reducing matrix metalloproteinase-9 via PI3K/Akt- and PKC α -mediated signaling in MCF-7 human breast cancer cells. <i>Carcinogenesis</i> , 2009, 30, 1225-1233.	1.3	73
12	Abrogation of cisplatin-induced hepatotoxicity in mice by xanthorrhizol is related to its effect on the regulation of gene transcription. <i>Toxicology and Applied Pharmacology</i> , 2004, 196, 346-355.	1.3	66
13	Xanthorrhizol, a natural sesquiterpenoid from <i>Curcuma xanthorrhiza</i> , has an anti-metastatic potential in experimental mouse lung metastasis model. <i>Biochemical and Biophysical Research Communications</i> , 2004, 326, 210-217.	1.0	65
14	Ginsenoside Rg3 enhances the chemosensitivity of tumors to cisplatin by reducing the basal level of nuclear factor erythroid 2-related factor 2-mediated heme oxygenase-1/NAD(P)H quinone oxidoreductase-1 and prevents normal tissue damage by scavenging cisplatin-induced intracellular reactive oxygen species. <i>Food and Chemical Toxicology</i> , 2012, 50, 2565-2574.	1.8	65
15	Isoliquiritigenin induces G2 and M phase arrest by inducing DNA damage and by inhibiting the metaphase/anaphase transition. <i>Cancer Letters</i> , 2009, 277, 174-181.	3.2	63
16	Anti-Inflammatory Effects of Licorice and Roasted Licorice Extracts on TPA-Induced Acute Inflammation and Collagen-Induced Arthritis in Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-8.	3.0	61
17	Functional invadopodia formation through stabilization of the PDPN transcript by IMP-3 and cancer-stromal crosstalk for PDPN expression. <i>Carcinogenesis</i> , 2012, 33, 2135-2146.	1.3	60
18	Secretion of IL-6 and IL-8 from lysophosphatidic acid-stimulated oral squamous cell carcinoma promotes osteoclastogenesis and bone resorption. <i>Oral Oncology</i> , 2012, 48, 40-48.	0.8	60

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19	Polymorphisms of CYP1A1 and GSTM1 Genes and Susceptibility to Oral Cancer. <i>Yonsei Medical Journal</i> , 2007, 48, 233.	0.9	56
20	Isoliquiritigenin (ISL) inhibits ErbB3 signaling in prostate cancer cells. <i>BioFactors</i> , 2006, 28, 159-168.	2.6	54
21	Decursin and decursinol inhibit VEGF-induced angiogenesis by blocking the activation of extracellular signal-regulated kinase and c-Jun N-terminal kinase. <i>Cancer Letters</i> , 2009, 280, 86-92.	3.2	51
22	Induction of Cell Cycle Arrest in Prostate Cancer Cells by the Dietary Compound Isoliquiritigenin. <i>Journal of Medicinal Food</i> , 2009, 12, 8-14.	0.8	50
23	Influence of microgroove dimension on cell behavior of human gingival fibroblasts cultured on titanium substrata. <i>Clinical Oral Implants Research</i> , 2009, 20, 56-66.	1.9	47
24	Suppressive Effect of Natural Sesquiterpenoids on Inducible Cyclooxygenase (COX-2) and Nitric Oxide Synthase (iNOS) Activity in Mouse Macrophage Cells. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2002, 21, 8.	0.6	46
25	Xanthorrhizol, a Natural Sesquiterpenoid, Induces Apoptosis and Growth Arrest in HCT116 Human Colon Cancer Cells. <i>Journal of Pharmacological Sciences</i> , 2009, 111, 276-284.	1.1	44
26	Decursin and Decursinol from <i>Angelica gigas</i> Inhibit the Lung Metastasis of Murine Colon Carcinoma. <i>Phytotherapy Research</i> , 2011, 25, 959-964.	2.8	44
27	Loss of <i>RUNX3</i> expression promotes cancer-associated bone destruction by regulating <i>CCL5</i> , <i>CCL19</i> and <i>CXCL11</i> in non-small cell lung cancer. <i>Journal of Pathology</i> , 2015, 237, 520-531.	2.1	43
28	Human antigen R-regulated CCL20 contributes to osteolytic breast cancer bone metastasis. <i>Scientific Reports</i> , 2017, 7, 9610.	1.6	43
29	Betulinic acid, a bioactive pentacyclic triterpenoid, inhibits skeletal-related events induced by breast cancer bone metastases and treatment. <i>Toxicology and Applied Pharmacology</i> , 2014, 275, 152-162.	1.3	38
30	Antiangiogenic activity of deoxyartemisinin derivatives on chorioallantoic membrane. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1227-1230.	1.0	35
31	Liensinine and Nuciferine, Bioactive Components of <i>Nelumbo nucifera</i> , Inhibit the Growth of Breast Cancer Cells and Breast Cancer-Associated Bone Loss. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	0.5	35
32	Honokiol Inhibits the Progression of Collagen-Induced Arthritis by Reducing Levels of Pro-inflammatory Cytokines and Matrix Metalloproteinases and Blocking Oxidative Tissue Damage. <i>Journal of Pharmacological Sciences</i> , 2010, 114, 69-78.	1.1	34
33	Xanthorrhizol Induces Apoptosis Through ROS-Mediated MAPK Activation in Human Oral Squamous Cell Carcinoma Cells and Inhibits DMBA-Induced Oral Carcinogenesis in Hamsters. <i>Phytotherapy Research</i> , 2013, 27, 493-498.	2.8	34
34	Inhibitory effects of chlorophyllin, hemin and tetrakis(4-benzoic acid)porphyrin on oxidative DNA damage and mouse skin inflammation induced by 12-O-tetradecanoylphorbol-13-acetate as a possible anti-tumor promoting mechanism. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 542, 89-97.	0.9	32
35	Epigallocatechin-3 gallate inhibits cancer invasion by repressing functional invadopodia formation in oral squamous cell carcinoma. <i>European Journal of Pharmacology</i> , 2013, 715, 286-295.	1.7	32
36	CCL28-induced RAR β expression inhibits oral squamous cell carcinoma bone invasion. <i>Journal of Clinical Investigation</i> , 2019, 129, 5381-5399.	3.9	32

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37	Invadopodia formation in oral squamous cell carcinoma: The role of epidermal growth factor receptor signalling. <i>Archives of Oral Biology</i> , 2012, 57, 335-343.	0.8	31
38	The Inhibitory Effect of Roasted Licorice Extract on Human Metastatic Breast Cancer Cell-Induced Bone Destruction. <i>Phytotherapy Research</i> , 2013, 27, 1776-1783.	2.8	29
39	Polymorphisms in genes coding for enzymes metabolizing smoking-derived substances and the risk of periodontitis. <i>Journal of Clinical Periodontology</i> , 2004, 31, 959-964.	2.3	28
40	Extract of <i>Magnoliae Flos</i> inhibits ovariectomy-induced osteoporosis by blocking osteoclastogenesis and reducing osteoclast-mediated bone resorption. <i>FÄ-toterapÄ-Äç</i> , 2012, 83, 1523-1531.	1.1	28
41	Tetrahydrofurofuran-type lignans inhibit breast cancer-mediated bone destruction by blocking the vicious cycle between cancer cells, osteoblasts and osteoclasts. <i>Investigational New Drugs</i> , 2014, 32, 1-13.	1.2	27
42	15-Deoxy- δ^2 -12,14-Prostaglandin J2 Inhibits Osteolytic Breast Cancer Bone Metastasis and Estrogen Deficiency-Induced Bone Loss. <i>PLoS ONE</i> , 2015, 10, e0122764.	1.1	24
43	The extract of <i>Prunus persica</i> flesh (PPFE) attenuates chemotherapy-induced hepatotoxicity in mice. <i>Phytotherapy Research</i> , 2008, 22, 223-227.	2.8	23
44	Synthesis and anticancer activity of novel amide derivatives of non-acetal deoxoartemisinin. <i>Biorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6303-6306.	1.0	23
45	Kalopanaxsaponin A Inhibits the Invasion of Human Oral Squamous Cell Carcinoma by Reducing Metalloproteinase-9 mRNA Stability and Protein Trafficking. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 289-300.	0.6	23
46	Platelet CLEC2-Podoplanin Axis as a Promising Target for Oral Cancer Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 807600.	2.2	23
47	Protective effects of hemin and tetrakis(4-benzoic acid)porphyrin on bacterial mutagenesis and mouse skin carcinogenesis induced by 7,12-dimethylbenz[a]anthracene. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 472, 139-145.	0.9	22
48	Chemerin Treatment Inhibits the Growth and Bone Invasion of Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2871.	1.8	22
49	Platycodin D Blocks Breast Cancer-Induced Bone Destruction by Inhibiting Osteoclastogenesis and the Growth of Breast Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1809-1820.	1.1	21
50	<i>Artemisia annua</i> extract prevents ovariectomy-induced bone loss by blocking receptor activator of nuclear factor kappa-B ligand-induced differentiation of osteoclasts. <i>Scientific Reports</i> , 2017, 7, 17332.	1.6	20
51	Loss of RUNX3 expression inhibits bone invasion of oral squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 9079-9092.	0.8	19
52	Discovery of Artemisinin-Glycolipid Hybrids as Anti-oral Cancer Agents. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 1471-1475.	0.6	18
53	Artemisinin-Daumone Hybrid Inhibits Cancer Cell-Mediated Osteolysis by Targeting Cancer Cells and Osteoclasts. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 1460-1475.	1.1	18
54	Inhibitory effects of chlorophyllin on 7,12-dimethylbenz[a]anthracene-induced bacterial mutagenesis and mouse skin carcinogenesis. <i>Cancer Letters</i> , 1999, 145, 57-64.	3.2	16

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55	Extract of <i>Prunus persica</i> flesh (PPFE) improves chemotherapeutic efficacy and protects against nephrotoxicity in cisplatin-treated mice. <i>Phytotherapy Research</i> , 2009, 23, 999-1005.	2.8	16
56	Lysophosphatidic acid stimulates osteoclast fusion through OC-STAMP and P2X7 receptor signaling. <i>Journal of Bone and Mineral Metabolism</i> , 2014, 32, 110-122.	1.3	15
57	The Pericarp Extract of <i>Prunus persica</i> Attenuates Chemotherapy-Induced Acute Nephrotoxicity and Hepatotoxicity in Mice. <i>Journal of Medicinal Food</i> , 2008, 11, 302-306.	0.8	14
58	Stromal transforming growth factor-beta 1 is crucial for reinforcing the invasive potential of low invasive cancer. <i>Archives of Oral Biology</i> , 2014, 59, 687-694.	0.8	14
59	Hemin inhibits cyclooxygenase-2 expression through nuclear factor-kappa B activation and ornithine decarboxylase expression in 12-O-tetradecanoylphorbol-13-acetate-treated mouse skin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 642, 68-73.	0.4	13
60	Characteristics of Bisphosphonate-Related Osteonecrosis of the Jaw After Kidney Transplantation. <i>Journal of Craniofacial Surgery</i> , 2012, 23, e510-e514.	0.3	13
61	Role of insulin-like growth factor-III mRNA-binding protein-3 in invadopodia formation and the growth of oral squamous cell carcinoma in athymic nude mice. <i>Head and Neck</i> , 2012, 34, 1329-1339.	0.9	13
62	Concise synthesis and antiangiogenic activity of artemisinin-glycolipid hybrids on chorioallantoic membranes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6858-6860.	1.0	12
63	Buddlejasaponin IV Induces Cell Cycle Arrest at G2/M Phase and Apoptosis in Immortalized Human Oral Keratinocytes. <i>Phytotherapy Research</i> , 2011, 25, 1503-1510.	2.8	12
64	Isoliquiritigenin Inhibits Metastatic Breast Cancer Cell-induced Receptor Activator of Nuclear Factor Kappa-B Ligand/Osteoprotegerin Ratio in Human Osteoblastic Cells. <i>Journal of Cancer Prevention</i> , 2015, 20, 281-286.	0.8	10
65	Protective Effect of White-fleshed Peach (<i>Prunus persica</i> (L.) Batsch) on Chronic Nicotine-induced Toxicity. <i>Journal of Cancer Prevention</i> , 2017, 22, 22-32.	0.8	10
66	The Inhibitory Effect of Buddlejasaponin IV on the Growth of YD-10B Human Oral Squamous Cell Carcinoma Cells. <i>Journal of Cancer Prevention</i> , 2013, 18, 330-336.	0.8	9
67	Inhibition of Phorbol Ester-induced Mouse Skin Tumor Promotion and COX-2 Expression by Celecoxib: C/EBP as a Potential Molecular Target. <i>Cancer Research and Treatment</i> , 2006, 38, 152.	1.3	9
68	Anti-photoaging effects of 2-methoxy-5-(2-methyl propyl) pyrazine isolated from peach (<i>Prunus persica</i>) Tj ETQq0 0,0,rgBT /Overlock 10	1.2	8
69	Type I Saikosaponins A and D Inhibit Osteoclastogenesis in Bone Marrow-Derived Macrophages and Osteolytic Activity of Metastatic Breast Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	8
70	Platycarya strobilacea leaf extract inhibits tumor necrosis factor- α production and bone loss induced by Porphyromonas gingivalis-derived lipopolysaccharide. <i>Archives of Oral Biology</i> , 2018, 96, 46-51.	0.8	8
71	Total Synthesis and Anticancer Activity of Novel <i>Pulsatilla</i> Saponin D Analogues. <i>Chemical and Pharmaceutical Bulletin</i> , 2015, 63, 669-677.	0.6	7
72	Chemopreventive and Anticancer Activities of Allium victorialis var. platyphyllum Extracts. <i>Journal of Cancer Prevention</i> , 2014, 19, 179-186.	0.8	7

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73	Pleurospermum kamschaticum Extract Induces Apoptosis via Mitochondrial Pathway and NAG-1 Expression in Colon Cancer Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 788-792.	0.6	6
74	An orthotopic and osteolytic model with a newly established oral squamous cell carcinoma cell line. <i>Archives of Oral Biology</i> , 2013, 58, 218-225.	0.8	6
75	The Inhibitory Effects of Forsythia Koreana Extracts on the Metastatic Ability of Breast Cancer Cells and Bone Resorption by Osteoclasts. <i>Journal of Cancer Prevention</i> , 2016, 21, 88-94.	0.8	6
76	PKM2 enhances cancer invasion via ETS-1-dependent induction of matrix metalloproteinase in oral squamous cell carcinoma cells. <i>PLoS ONE</i> , 2019, 14, e0216661.	1.1	6
77	Transforming growth factor- β 2-regulated fractalkine as a marker of erosive bone invasion in oral squamous cell carcinoma. <i>European Journal of Oral Sciences</i> , 2021, 129, e12750.	0.7	6
78	Wogonin inhibits osteoclast formation induced by lipopolysaccharide. <i>Phytotherapy Research</i> , 2010, 24, 964-968.	2.8	5
79	Proteome Expression in Human Periodontal Ligament after Delayed Hypothermic Preservation. <i>Journal of Endodontics</i> , 2017, 43, 1317-1322.	1.4	5
80	The downregulation of IGFBP3 by TGF- β 2 signaling in oral cancer contributes to the osteoclast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 381-386.	1.0	5
81	Platycodin D Inhibits Vascular Endothelial Growth Factor-Induced Angiogenesis by Blocking the Activation of Mitogen-Activated Protein Kinases and the Production of Interleukin-8. <i>The American Journal of Chinese Medicine</i> , 2022, 50, 1645-1661.	1.5	5
82	Synthesis and Anticancer Activity of Novel Deoxoartemisinin-Glycolipid Hybrids. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 446-453.	0.6	4
83	Xanthorrhizol Suppresses Vascular Endothelial Growth Factor-Induced Angiogenesis by Modulating Akt/eNOS Signaling and the NF- κ B-Dependent Expression of Cell Adhesion Molecules. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 737-751.	1.5	3
84	Oral Gut Microbiome Axis in Gastrointestinal Disease and Cancer. <i>Cancers</i> , 2021, 13, 1748.	1.7	3
85	Direct Contact with Platelets Induces Podoplanin Expression and Invasion in Human Oral Squamous Cell Carcinoma Cells. <i>Biomolecules and Therapeutics</i> , 2022, 30, 284-290.	1.1	2
86	Characterization of newly established oral squamous cell carcinoma; 33-bp deletion in exons 3&4 of the p53 tumor suppressor gene. <i>Oral Oncology</i> , 2012, 48, e39-e41.	0.8	1
87	Methanol Extract of <i>Holarrhena antidysenterica</i> Inhibits the Growth of Human Oral Squamous Cell Carcinoma Cells and Osteoclastogenesis of Bone Marrow Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	0.5	1
88	Isoliquiritigenin inhibits migration and invasion of prostate cancer cells. <i>FASEB Journal</i> , 2006, 20, A569.	0.2	0
89	Effect of isoliquiritigenin (ISL) on insulin-like growth factor-1 receptor and ErbB3 signaling in prostate cancer cells. <i>FASEB Journal</i> , 2006, 20, A569.	0.2	0
90	Role of proteases, cytokines, and growth factors in bone invasion by oral squamous cell carcinoma. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2019, 44, 37-42.	0.1	0