

# Jing-Ru Weng

## List of Publications by Year in descending order

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78  
papers

2,309  
citations

201674

27  
h-index

223800

46  
g-index

79  
all docs

79  
docs citations

79  
times ranked

4036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indole-3-carbinol as a chemopreventive and anti-cancer agent. <i>Cancer Letters</i> , 2008, 262, 153-163.	7.2	272
2	Targeting histone deacetylase in cancer therapy. <i>Medicinal Research Reviews</i> , 2006, 26, 397-413.	10.5	218
3	Autophagy potentiates the anti-cancer effects of the histone deacetylase inhibitors in hepatocellular carcinoma. <i>Autophagy</i> , 2010, 6, 1057-1065.	9.1	194
4	Antiviral activity of <i>Sambucus Formosana</i> Nakai ethanol extract and related phenolic acid constituents against human coronavirus NL63. <i>Virus Research</i> , 2019, 273, 197767.	2.2	117
5	A Potent Indole-3-Carbinol-Derived Antitumor Agent with Pleiotropic Effects on Multiple Signaling Pathways in Prostate Cancer Cells. <i>Cancer Research</i> , 2007, 67, 7815-7824.	0.9	69
6	Pharmacological exploitation of the phenothiazine antipsychotics to develop novel antitumor agents-A drug repurposing strategy. <i>Scientific Reports</i> , 2016, 6, 27540.	3.3	67
7	Anti-inflammatory Phloroglucinols and Terpenoids from <i>Garcinia subelliptica</i> . <i>Journal of Natural Products</i> , 2004, 67, 1796-1799.	3.0	66
8	Targeting of the Akt-Nuclear Factor- $\kappa$ B Signaling Network by [1-(4-Chloro-3-nitrobenzenesulfonyl)-1 <i>H</i> -indol-3-yl]-methanol (OSU-A9), a Novel Indole-3-Carbinol Derivative, in a Mouse Model of Hepatocellular Carcinoma. <i>Molecular Pharmacology</i> , 2009, 76, 957-968.	2.3	57
9	Cucurbitane Triterpenoid from <i>Momordica charantia</i> Induces Apoptosis and Autophagy in Breast Cancer Cells, in Part, through Peroxisome Proliferator-Activated Receptor $\gamma$ Activation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-12.	1.2	55
10	Antiplatelet prenylflavonoids from <i>Artocarpus communis</i> . <i>Phytochemistry</i> , 2006, 67, 824-829.	2.9	49
11	Two New Arylnaphthalide Lignans and Antiplatelet Constituents from <i>Justicia procumbens</i> . <i>Archiv Der Pharmazie</i> , 2004, 337, 207-212.	4.1	46
12	Ursolic acid induces apoptosis and autophagy in oral cancer cells. <i>Environmental Toxicology</i> , 2019, 34, 983-991.	4.0	45
13	G15, a GPR30 antagonist, induces apoptosis and autophagy in human oral squamous carcinoma cells. <i>Chemico-Biological Interactions</i> , 2013, 206, 375-384.	4.0	43
14	Determination of parabens using two microextraction methods coupled with capillary liquid chromatography-UV detection. <i>Food Chemistry</i> , 2018, 241, 411-418.	8.2	41
15	OSU-A9 inhibits angiogenesis in human umbilical vein endothelial cells via disrupting Akt-NF $\kappa$ B and MAPK signaling pathways. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 616-624.	2.8	40
16	BX795, a TBK1 inhibitor, exhibits antitumor activity in human oral squamous cell carcinoma through apoptosis induction and mitotic phase arrest. <i>European Journal of Pharmacology</i> , 2015, 769, 287-296.	3.5	40
17	The dietary phytochemical 3,3'-diindolylmethane induces G2/M arrest and apoptosis in oral squamous cell carcinoma by modulating Akt-NF $\kappa$ B, MAPK, and p53 signaling. <i>Chemico-Biological Interactions</i> , 2012, 195, 224-230.	4.0	36
18	A triterpenoid from wild bitter melon inhibits breast cancer cells. <i>Scientific Reports</i> , 2016, 6, 22419.	3.3	35

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19	FTY720 Induces Autophagy-Associated Apoptosis in Human Oral Squamous Carcinoma Cells, in Part, through a Reactive Oxygen Species/Mcl-1-Dependent Mechanism. <i>Scientific Reports</i> , 2017, 7, 5600.	3.3	35
20	Novel and Anti-Inflammatory Constituents of <i>Garcinia subelliptica</i> . <i>Chemistry - A European Journal</i> , 2003, 9, 1958-1963.	3.3	32
21	Identification of Kazinol Q, a Natural Product from Formosan Plants, as an Inhibitor of DNA Methyltransferase. <i>Phytotherapy Research</i> , 2014, 28, 49-54.	5.8	32
22	Cytotoxic constituents from <i>Celastrus paniculatus</i> induce apoptosis and autophagy in breast cancer cells. <i>Phytochemistry</i> , 2013, 94, 211-219.	2.9	31
23	OSU-A9, a potent indole-3-carbinol derivative, suppresses breast tumor growth by targeting the Akt-NF- $\kappa$ B pathway and stress response signaling. <i>Carcinogenesis</i> , 2009, 30, 1702-1709.	2.8	30
24	Terpenoids with a New Skeleton and Novel Triterpenoids with Anti-inflammatory Effects from <i>Garcinia subelliptica</i> . <i>Chemistry - A European Journal</i> , 2003, 9, 5520-5527.	3.3	29
25	Antitumor effects of (S)-HDAC42, a phenylbutyrate-derived histone deacetylase inhibitor, in multiple myeloma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 68, 489-496.	2.3	29
26	Sensitization of Hepatocellular Carcinoma Cells to $\alpha$ - <i>TRAIL</i> by a Novel Akt/NF- $\kappa$ B Signalling Inhibitor. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 114, 464-471.	2.5	29
27	A New Chalcone, Xanthonones, and a Xanthonolignoid from <i>Hypericum geminiflorum</i> . <i>Journal of Natural Products</i> , 1999, 62, 1033-1035.	3.0	28
28	OSU-A9, an indole-3-carbinol derivative, induces cytotoxicity in acute myeloid leukemia through reactive oxygen species-mediated apoptosis. <i>Biochemical Pharmacology</i> , 2013, 86, 1430-1440.	4.4	28
29	Anti-inflammatory Constituents and New Pterocarpanoid of <i>Crotalaria pallida</i> . <i>Journal of Natural Products</i> , 2003, 66, 404-407.	3.0	25
30	Pharmacological Exploitation of Indole-3-Carbinol to Develop Potent Antitumor Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 398-404.	2.4	24
31	Induction of Apoptosis and Autophagy in Breast Cancer Cells by a Novel HDAC8 Inhibitor. <i>Biomolecules</i> , 2019, 9, 824.	4.0	23
32	A novel indole-3-carbinol derivative inhibits the growth of human oral squamous cell carcinoma in vitro. <i>Oral Oncology</i> , 2010, 46, 748-754.	1.5	22
33	<i>Xanthium strumarium</i> Fruit Extract Inhibits ATG4B and Diminishes the Proliferation and Metastatic Characteristics of Colorectal Cancer Cells. <i>Toxins</i> , 2019, 11, 313.	3.4	22
34	<i>Ficus septica</i> plant extracts for treating Dengue virus in vitro. <i>PeerJ</i> , 2017, 5, e3448.	2.0	20
35	Cutaneous delivery of [1-(4-chloro-3-nitrobenzenesulfonyl)-1H-indol-3-yl]-methanol, an indole-3-carbinol derivative, mitigates psoriasiform lesion by blocking MAPK/NF- $\kappa$ B/AP-1 activation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 119, 109398.	5.6	19
36	Antitumor effects of BI-D1870 on human oral squamous cell carcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 73, 237-247.	2.3	17

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37	<i>Tribulus terrestris</i> fruit extract inhibits autophagic flux to diminish cell proliferation and metastatic characteristics of oral cancer cells. <i>Environmental Toxicology</i> , 2021, 36, 1173-1180.	4.0	16
38	New Dihydroagarofuranoid Sesquiterpenes from <i>Celastrus paniculatus</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 1716-1724.	1.6	15
39	Alphitolic acid, an anti-inflammatory triterpene, induces apoptosis and autophagy in oral squamous cell carcinoma cells, in part, through a p53-dependent pathway. <i>Journal of Functional Foods</i> , 2015, 18, 368-378.	3.4	15
40	A Sterol from Soft Coral Induces Apoptosis and Autophagy in MCF-7 Breast Cancer Cells. <i>Marine Drugs</i> , 2018, 16, 238.	4.6	15
41	Tandem derivatization combined with salting-out assisted liquid-liquid microextraction for determination of biothiols in urine by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1524, 29-36.	3.7	14
42	New Hydroquinone Monoterpenoid and Cembranoid-Related Metabolites from the Soft Coral <i>Sarcophyton tenuispiculatum</i> . <i>Marine Drugs</i> , 2021, 19, 8.	4.6	14
43	T315 Decreases Acute Myeloid Leukemia Cell Viability through a Combination of Apoptosis Induction and Autophagic Cell Death. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1337.	4.1	12
44	A Flavone Constituent from <i>Myoporum bontioides</i> Induces M-Phase Cell Cycle Arrest of MCF-7 Breast Cancer Cells. <i>Molecules</i> , 2017, 22, 472.	3.8	12
45	Discovering a Racemate Polycyclic Prenylated Acylphloroglucinol with Unprecedented Skeleton by an ESI-LCMS Analytical Approach. <i>Organic Letters</i> , 2019, 21, 857-861.	4.6	12
46	Ilimaquinone Induces Apoptosis and Autophagy in Human Oral Squamous Cell Carcinoma Cells. <i>Biomedicines</i> , 2020, 8, 296.	3.2	12
47	New Pterocarpanoids of <i>Crotalaria pallida</i> and <i>Crotalaria assamica</i> . <i>Helvetica Chimica Acta</i> , 2002, 85, 847.	1.6	11
48	Energy restriction: stepping stones towards cancer therapy. <i>Future Oncology</i> , 2012, 8, 1503-1506.	2.4	11
49	Enantioselective determination of aspartate and glutamate in biological samples by ultrasonic-assisted derivatization coupled with capillary electrophoresis and linked to Alzheimer's disease progression. <i>Journal of Chromatography A</i> , 2018, 1550, 68-74.	3.7	11
50	Divaricoside Exerts Antitumor Effects, in Part, by Modulating Mcl-1 in Human Oral Squamous Cell Carcinoma Cells. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 151-159.	4.1	11
51	Antitumor Effects of a Sesquiterpene Derivative from Marine Sponge in Human Breast Cancer Cells. <i>Marine Drugs</i> , 2021, 19, 244.	4.6	11
52	Antitumor activity of a novel histone deacetylase inhibitor (S)-HDAC42 in oral squamous cell carcinoma. <i>Oral Oncology</i> , 2011, 47, 1127-1133.	1.5	10
53	A macrolide from <i>Streptomyces</i> sp. modulates apoptosis and autophagy through Mcl-1 downregulation in human breast cancer cells. <i>Environmental Toxicology</i> , 2021, 36, 1316-1325.	4.0	10
54	Identification of a Triterpenoid as a Novel PPAR $\beta$ Activator Derived from Formosan Plants. <i>Phytotherapy Research</i> , 2017, 31, 1722-1730.	5.8	9

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55	Solanum torvum inhibits Helicobacter pylori growth and mediates apoptosis in human gastric epithelial cells. <i>Oncology Reports</i> , 2010, 23, 1401-5.	2.6	8
56	Inhibition of Hedgehog signaling induces monocytic differentiation of HL-60 cells. <i>Leukemia and Lymphoma</i> , 2012, 53, 1196-1202.	1.3	8
57	A 5-AMP-Activated Protein Kinase Enzyme Activator, Compound 59, Induces Autophagy and Apoptosis in Human Oral Squamous Cell Carcinoma. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 21-29.	2.5	8
58	Microwave-assisted derivatization combined with coextractive extraction for determining glutathione in biomatrix samples, followed by capillary liquid chromatography. <i>Talanta</i> , 2019, 199, 464-471.	5.5	8
59	Simultaneous derivatization and liquid-solid phase transition microextraction of six biogenic amines in foods followed by narrowbore liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2021, 1659, 462629.	3.7	8
60	Anti-tumor activities of triterpenes from <i>Syzygium kusukusense</i> . <i>Natural Product Communications</i> , 2014, 9, 1557-8.	0.5	8
61	OSU-A9 inhibits pancreatic cancer cell lines by modulating p38-JAK-STAT3 signaling. <i>Oncotarget</i> , 2017, 8, 29233-29246.	1.8	7
62	Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction Combined with High Performance Liquid Chromatography-Diode Array Detection for Determining UV Filters in Cosmetics and the Human Stratum Corneum. <i>Molecules</i> , 2020, 25, 4642.	3.8	7
63	OSU-A9 induced-reactive oxygen species cause cytotoxicity in duodenal and gastric cancer cells by decreasing phosphorylated nuclear pyruvate kinase M2 protein levels. <i>Biochemical Pharmacology</i> , 2020, 174, 113811.	4.4	7
64	Steroidal sapogenins from <i>Solanum torvum</i> . <i>Biochemical Systematics and Ecology</i> , 2012, 45, 108-110.	1.3	6
65	Cyclocommunol induces apoptosis in human oral squamous cell carcinoma partially through a Mcl-1-dependent mechanism. <i>Phytomedicine</i> , 2018, 39, 25-32.	5.3	6
66	Anti-apoptotic activity of Japanese encephalitis virus NS5 protein in human medulloblastoma cells treated with interferon- $\beta$ . <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 456-464.	3.1	6
67	A New Azaphilone Derivative from the <i>Monascus kaoliang</i> Fermented Rice. <i>Chemistry of Natural Compounds</i> , 2019, 55, 79-81.	0.8	6
68	Hypertricone, a Constituent with a Novel Skeleton, Isolated from <i>Hypericum geminiflorum</i> . <i>Helvetica Chimica Acta</i> , 2001, 84, 1976-1979.	1.6	5
69	Anti-tumor Activities of Triterpenes from <i>Syzygium kusukusense</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.5	5
70	Antitumor Activity of the Cardiac Glycoside Digoxin by Modulating Mcl-1 in Human Oral Squamous Cell Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7947.	4.1	5
71	Kaempferol 3-Rhamnoside on Glutamate Release from Rat Cerebrocortical Nerve Terminals Involves P/Q-Type Ca <sup>2+</sup> Channel and Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase II-Dependent Pathway Suppression. <i>Molecules</i> , 2022, 27, 1342.	3.8	5
72	Synthetic Tryptanthrin Derivatives Induce Cell Cycle Arrest and Apoptosis via Akt and MAPKs in Human Hepatocellular Carcinoma Cells. <i>Biomedicines</i> , 2021, 9, 1527.	3.2	4

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73	Cytotoxic polyhydroxylated sterol analogues from <i>Dysidea</i> aff. <i>frondosa</i> . <i>Journal of Molecular Structure</i> , 2022, 1255, 132434.	3.6	2
74	Induction of apoptosis using <scp>ATN</scp> as a novel Yes-associated protein inhibitor in human oral squamous cell carcinoma cells. <i>Environmental Toxicology</i> , 2022, , .	4.0	2
75	Chemical Constituents of the Entomopathogenic Fungus of <i>Ophiocordyceps sobolifera</i> . <i>Chemistry of Natural Compounds</i> , 2019, 55, 118-120.	0.8	1
76	Discovering manzamine-related alkaloids from sponge <i>Neopetrosia proxima</i> . <i>Tetrahedron Letters</i> , 2022, 95, 153748.	1.4	1
77	A New Flavone from the Leaves of <i>Astronia formosana</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	0
78	A New Pyrrole Compound from <i>Monascus ruber</i> . <i>Chemistry of Natural Compounds</i> , 2019, 55, 1098-1100.	0.8	0