

# Junxuan L

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58  
papers

2,275  
citations

24  
h-index

47  
g-index

63  
ext. papers

2,551  
ext. citations

4.7  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
58	Hexokinase 2-mediated Warburg effect is required for PTEN- and p53-deficiency-driven prostate cancer growth. <i>Cell Reports</i> , <b>2014</b> , 8, 1461-74	10.6	175
57	Dissociation of the genotoxic and growth inhibitory effects of selenium. <i>Biochemical Pharmacology</i> , <b>1995</b> , 50, 213-9	6	117
56	Superior in vivo inhibitory efficacy of methylseleninic acid against human prostate cancer over selenomethionine or selenite. <i>Carcinogenesis</i> , <b>2008</b> , 29, 1005-12	4.6	115
55	Selenite induction of DNA strand breaks and apoptosis in mouse leukemic L1210 cells. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 1531-5	6	111
54	Monomethyl selenium--specific inhibition of MMP-2 and VEGF expression: implications for angiogenic switch regulation. <i>Molecular Carcinogenesis</i> , <b>2000</b> , 29, 236-50	5	102
53	Potent antiandrogen and androgen receptor activities of an Angelica gigas-containing herbal formulation: identification of decursin as a novel and active compound with implications for prevention and treatment of prostate cancer. <i>Cancer Research</i> , <b>2006</b> , 66, 453-63	10.1	101
52	Methyl-selenium compounds inhibit prostate carcinogenesis in the transgenic adenocarcinoma of mouse prostate model with survival benefit. <i>Cancer Prevention Research</i> , <b>2009</b> , 2, 484-95	3.2	98
51	Distinct effects of methylseleninic acid versus selenite on apoptosis, cell cycle, and protein kinase pathways in DU145 human prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2002</b> , 1, 1059-66	6.1	98
50	Differential involvement of reactive oxygen species in apoptosis induced by two classes of selenium compounds in human prostate cancer cells. <i>International Journal of Cancer</i> , <b>2007</b> , 120, 2034-43	7.5	96
49	PKB/AKT and ERK regulation of caspase-mediated apoptosis by methylseleninic acid in LNCaP prostate cancer cells. <i>Carcinogenesis</i> , <b>2005</b> , 26, 1374-81	4.6	89
48	Selenium and cancer chemoprevention: hypotheses integrating the actions of selenoproteins and selenium metabolites in epithelial and non-epithelial target cells. <i>Antioxidants and Redox Signaling</i> , <b>2005</b> , 7, 1715-27	8.4	86
47	Differential induction of growth arrest inducible genes by selenium compounds. <i>Biochemical Pharmacology</i> , <b>1997</b> , 53, 921-6	6	85
46	Effect on an aqueous extract of selenium-enriched garlic on in vitro markers and in vivo efficacy in cancer prevention. <i>Carcinogenesis</i> , <b>1996</b> , 17, 1903-7	4.6	82
45	Selenite-induced p53 Ser-15 phosphorylation and caspase-mediated apoptosis in LNCaP human prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 877-84	6.1	68
44	Decursin and decursinol angelate inhibit estrogen-stimulated and estrogen-independent growth and survival of breast cancer cells. <i>Breast Cancer Research</i> , <b>2007</b> , 9, R77	8.3	65
43	In vivo anti-cancer activity of Korean Angelica gigas and its major pyranocoumarin decursin. <i>The American Journal of Chinese Medicine</i> , <b>2009</b> , 37, 127-42	6	59
42	Cancer chemoprevention research with selenium in the post-SELECT era: Promises and challenges. <i>Nutrition and Cancer</i> , <b>2016</b> , 68, 1-17	2.8	56

41	Anti-cancer and other bioactivities of Korean <i>Angelica gigas</i> Nakai (AGN) and its major pyranocoumarin compounds. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2012</b> , 12, 1239-54	2.2	55
40	Methyl selenium metabolites decrease prostate-specific antigen expression by inducing protein degradation and suppressing androgen-stimulated transcription. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 605-11	6.1	54
39	A novel class of pyranocoumarin anti-androgen receptor signaling compounds. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 907-17	6.1	47
38	Tanshinones from Chinese medicinal herb Danshen ( <i>Salvia miltiorrhiza</i> Bunge) suppress prostate cancer growth and androgen receptor signaling. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 1595-608	4.5	40
37	Selenium in cancer prevention: clinical issues and implications. <i>Cancer Investigation</i> , <b>2001</b> , 19, 540-53	2.1	36
36	Co-targeting hexokinase 2-mediated Warburg effect and ULK1-dependent autophagy suppresses tumor growth of PTEN- and TP53-deficiency-driven castration-resistant prostate cancer. <i>EBioMedicine</i> , <b>2016</b> , 7, 50-61	8.8	35
35	Apoptosis and angiogenesis in cancer prevention by selenium. <i>Advances in Experimental Medicine and Biology</i> , <b>2001</b> , 492, 131-45	3.6	28
34	Dihydromethysticin from kava blocks tobacco carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis and differentially reduces DNA damage in A/J mice. <i>Carcinogenesis</i> , <b>2014</b> , 35, 2365-72	4.6	21
33	Galbanic acid decreases androgen receptor abundance and signaling and induces G1 arrest in prostate cancer cells. <i>International Journal of Cancer</i> , <b>2012</b> , 130, 200-12	7.5	20
32	Proteomic profiling of potential molecular targets of methyl-selenium compounds in the transgenic adenocarcinoma of mouse prostate model. <i>Cancer Prevention Research</i> , <b>2010</b> , 3, 994-1006	3.2	20
31	Role of P53-Senescence Induction in Suppression of LNCaP Prostate Cancer Growth by Cardiotonic Compound Bufalin. <i>Molecular Cancer Therapeutics</i> , <b>2018</b> , 17, 2341-2352	6.1	19
30	Characterization of the Fluorescence Properties of 4-Dialkylaminochalcones and Investigation of the Cytotoxic Mechanism of Chalcones. <i>Archiv Der Pharmazie</i> , <b>2016</b> , 349, 539-52	4.3	18
29	Single oral dose pharmacokinetics of decursin, decursinol angelate, and decursinol in rats. <i>Planta Medica</i> , <b>2013</b> , 79, 275-80	3.1	17
28	Methylseleninic Acid Superactivates p53-Senescence Cancer Progression Barrier in Prostate Lesions of Pten-Knockout Mouse. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 35-42	3.2	16
27	Chemopreventive effect of Korean <i>Angelica</i> root extract on TRAMP carcinogenesis and integrative "omic" profiling of affected neuroendocrine carcinomas. <i>Molecular Carcinogenesis</i> , <b>2015</b> , 54, 1567-83	5	16
26	Quantitative determination of decursin, decursinol angelate, and decursinol in mouse plasma and tumor tissue using liquid-liquid extraction and HPLC. <i>Planta Medica</i> , <b>2012</b> , 78, 252-9	3.1	16
25	Single oral dose pharmacokinetics of decursin and decursinol angelate in healthy adult men and women. <i>PLoS ONE</i> , <b>2015</b> , 10, e0114992	3.7	15
24	Lobe-specific lineages of carcinogenesis in the transgenic adenocarcinoma of mouse prostate and their responses to chemopreventive selenium. <i>Prostate</i> , <b>2011</b> , 71, 1429-40	4.2	15

23	A new chalcone derivative (E)-3-(4-methoxyphenyl)-2-methyl-1-(3,4,5-trimethoxyphenyl)prop-2-en-1-one suppresses prostate cancer involving p53-mediated cell cycle arrests and apoptosis. <i>Anticancer Research</i> , <b>2012</b> , 32, 3689-98	2.3	15
22	Chemopreventive Effects of Korean Angelica versus Its Major Pyranocoumarins on Two Lineages of Transgenic Adenocarcinoma of Mouse Prostate Carcinogenesis. <i>Cancer Prevention Research</i> , <b>2015</b> , 8, 835-44	3.2	14
21	Proteomic and transcriptomic profiling of Pten gene-knockout mouse model of prostate cancer. <i>Prostate</i> , <b>2020</b> , 80, 588-605	4.2	13
20	Targeting hexokinase 2 in castration-resistant prostate cancer. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e974465	1.2	13
19	Lobe-specific proteome changes in the dorsal-lateral and ventral prostate of TRAMP mice versus wild-type mice. <i>Proteomics</i> , <b>2011</b> , 11, 2542-9	4.8	12
18	Selenium as a cancer preventive agent <b>2006</b> , 249-264		12
17	Cancer Chemoprevention with Korean Angelica: Active Compounds, Pharmacokinetics, and Human Translational Considerations. <i>Current Pharmacology Reports</i> , <b>2015</b> , 1, 373-381	5.5	11
16	A synthetic decursin analog with increased in vivo stability suppresses androgen receptor signaling in vitro and in vivo. <i>Investigational New Drugs</i> , <b>2012</b> , 30, 1820-9	4.3	11
15	Kava as a Clinical Nutrient: Promises and Challenges. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	11
14	Unambiguous Identification of $\beta$ Tubulin as the Direct Cellular Target Responsible for the Cytotoxicity of Chalcone by Photoaffinity Labeling. <i>ChemMedChem</i> , <b>2016</b> , 11, 1436-45	3.7	10
13	In vitro metabolism of pyranocoumarin isomers decursin and decursinol angelate by liver microsomes from man and rodents. <i>Planta Medica</i> , <b>2013</b> , 79, 1536-44	3.1	10
12	Phenylbutyl isoselenocyanate induces reactive oxygen species to inhibit androgen receptor and to initiate p53-mediated apoptosis in LNCaP prostate cancer cells. <i>Molecular Carcinogenesis</i> , <b>2018</b> , 57, 1055 <sup>5</sup> 1066 <sup>9</sup>		9
11	A filter elution assay for the simultaneous detection of DNA double and single strand breaks. <i>Analytical Biochemistry</i> , <b>1996</b> , 235, 227-33	3.1	9
10	Cytochrome P450 Isoforms in the Metabolism of Decursin and Decursinol Angelate from Korean Angelica. <i>The American Journal of Chinese Medicine</i> , <b>2015</b> , 43, 1211-30	6	8
9	Pyranocoumarin Tissue Distribution, Plasma Metabolome and Prostate Transcriptome Impacts of Sub-Chronic Exposure to Korean Angelica Supplement in Mice. <i>The American Journal of Chinese Medicine</i> , <b>2016</b> , 44, 321-53	6	6
8	Gene expression signatures associated with suppression of TRAMP prostate carcinogenesis by a kavalactone-rich Kava fraction. <i>Molecular Carcinogenesis</i> , <b>2016</b> , 55, 2291-2303	5	6
7	Prostate Cancer Xenograft Inhibitory Activity and Pharmacokinetics of Decursinol, a Metabolite of Angelica gigas Pyranocoumarins, in Mouse Models. <i>The American Journal of Chinese Medicine</i> , <b>2017</b> , 45, 1773-1792	6	4
6	The Impact of One-week Dietary Supplementation with Kava on Biomarkers of Tobacco Use and Nitrosamine-based Carcinogenesis Risk among Active Smokers. <i>Cancer Prevention Research</i> , <b>2020</b> , 13, 483-492	3.2	4

5	Optimizing live-animal bioluminescence imaging prediction of tumor burden in human prostate cancer xenograft models in SCID-NSG mice. <i>Prostate</i> , <b>2019</b> , 79, 949-960	4.2	2
4	Oral Dosing of Dihydemethysticin Ahead of Tobacco Carcinogen NNK Effectively Prevents Lung Tumorigenesis in A/J Mice. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 1980-1988	4	1
3	Novel Seleno-Aspirinyl Compound AS-10 Induces Apoptosis, G1 Arrest of Pancreatic Ductal Adenocarcinoma Cells, Inhibits Their NF- $\kappa$ B Signaling, and Synergizes with Gemcitabine Cytotoxicity. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
2	Interception Targets of Nakai Root Extract versus Pyranocoumarins in Prostate Early Lesions and Neuroendocrine Carcinomas in TRAMP Mice. <i>Cancer Prevention Research</i> , <b>2021</b> , 14, 635-648	3.2	0
1	Aqueous metabolome of tissue-specific conditional Pten-knockout mouse prostate cancer and TRAMP neuroendocrine carcinoma. <i>Prostate</i> , <b>2022</b> , 82, 154-166	4.2	