Junxuan LÃ¼

List of Publications by Year
in descending order

63 papers	2,789 citations	27 h-index (201575)	52 g-index (175177)
63 all docs	63 docs citations	63 times ranked	2823 citing authors

#	Article	IF	Citations
1	Hexokinase 2-Mediated Warburg Effect Is Required for PTEN- and p53-Deficiency-Driven Prostate Cancer Growth. Cell Reports, 2014, 8, 1461-1474.	2.9	233
2	Superior in vivo inhibitory efficacy of methylseleninic acid against human prostate cancer over selenomethionine or selenite. Carcinogenesis, 2008, 29, 1005-1012.	1.3	133
3	Dissociation of the genotoxic and growth inhibitory effects of selenium. Biochemical Pharmacology, 1995, 50, 213-219.	2.0	127
4	Selenite induction of DNA strand breaks and apoptosis in mouse leukemic L1210 cells. Biochemical Pharmacology, 1994, 47, 1531-1535.	2.0	125
5	Monomethyl selenium-specific inhibition of MMP-2 and VEGF expression: Implications for angiogenic switch regulation. Molecular Carcinogenesis, 2000, 29, 236-250.	1.3	120
6	Potent Antiandrogen and Androgen Receptor Activities of an Angelica gigasâ€“Containing Herbal Formulation: Identification of Decursin as a Novel and Active Compound with Implications for Prevention and Treatment of Prostate Cancer. Cancer Research, 2006, 66, 453-463.	0.4	113
7	Distinct effects of methylseleninic acid versus selenite on apoptosis, cell cycle, and protein kinase pathways in DU145 human prostate cancer cells. Molecular Cancer Therapeutics, 2002, 1, 1059-66.	1.9	113
8	Methyl-Selenium Compounds Inhibit Prostate Carcinogenesis in the Transgenic Adenocarcinoma of Mouse Prostate Model with Survival Benefit. Cancer Prevention Research, 2009, 2, 484-495.	0.7	111
9	Differential involvement of reactive oxygen species in apoptosis induced by two classes of selenium compounds in human prostate cancer cells. International Journal of Cancer, 2007, 120, 2034-2043.	2.3	100
10	Selenium and Cancer Chemoprevention: Hypotheses Integrating the Actions of Selenoproteins and Selenium Metabolites in Epithelial and Non-Epithelial Target Cells. Antioxidants and Redox Signaling, 2005, 7, 1715-1727.	2.5	99
11	PKB/AKT and ERK regulation of caspase-mediated apoptosis by methylseleninic acid in LNCaP prostate cancer cells. Carcinogenesis, 2005, 26, 1374-1381.	1.3	95
12	Effect of an aqueous extract of selenium-enriched garlic on in vitro markers and in vivo efficacy in cancer prevention. Carcinogenesis, 1996, 17, 1903-1907.	1.3	93
13	Differential induction of growth arrest inducible genes by selenium compounds. Biochemical Pharmacology, 1997, 53, 921-926.	2.0	93
14	Anti-cancer and Other Bioactivities of Korean Angelica gigas Nakai (AGN) and Its Major Pyranocoumarin Compounds. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 1239-1254.	0.9	79
15	Decursin and decursinol angelate inhibit estrogen-stimulated and estrogen-independent growth and survival of breast cancer cells. Breast Cancer Research, 2007, 9, R77.	2.2	77
16	<i>In vivo</i>Anti-Cancer Activity of Korean<i>Angelica Gigas</i>and its Major Pyranocoumarin Decursin. The American Journal of Chinese Medicine, 2009, 37, 127-142.	1.5	74
17	Cancer chemoprevention research with selenium in the post-SELECT era: Promises and challenges. Nutrition and Cancer, 2016, 68, 1-17.	0.9	71
18	Selenite-induced p53 Ser-15 phosphorylation and caspase-mediated apoptosis in LNCaP human prostate cancer cells. Molecular Cancer Therapeutics, 2004, 3, 877-84.	1.9	71

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19	A novel class of pyranocoumarin antiâ€“androgen receptor signaling compounds. Molecular Cancer Therapeutics, 2007, 6, 907-917.	1.9	57
20	Methyl selenium metabolites decrease prostate-specific antigen expression by inducing protein degradation and suppressing androgen-stimulated transcription. Molecular Cancer Therapeutics, 2004, 3, 605-11.	1.9	57
21	Co-targeting hexokinase 2-mediated Warburg effect and ULK1-dependent autophagy suppresses tumor growth of PTEN- and TP53- deficiency-driven castration-resistant prostate cancer. EBioMedicine, 2016, 7, 50-61.	2.7	56
22	Tanshinones from Chinese Medicinal Herb Danshen (Salvia miltiorrhiza Bunge) Suppress Prostate Cancer Growth and Androgen Receptor Signaling. Pharmaceutical Research, 2012, 29, 1595-1608.	1.7	48
23	Selenium in Cancer Prevention: Clinical Issues and Implications. Cancer Investigation, 2001, 19, 540-553.	0.6	40
24	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. Carcinogenesis, 2014, 35, 2365-2372.	1.3	35
25	Apoptosis and Angiogenesis in Cancer Prevention by Selenium. Advances in Experimental Medicine and Biology, 2001, 492, 131-145.	0.8	34
26	Role of P53-Senescence Induction in Suppression of LNCaP Prostate Cancer Growth by Cardiotonic Compound Bufalin. Molecular Cancer Therapeutics, 2018, 17, 2341-2352.	1.9	32
27	Kava as a Clinical Nutrient: Promises and Challenges. Nutrients, 2020, 12, 3044.	1.7	32
28	Galbanic acid decreases androgen receptor abundance and signaling and induces G₁ arrest in prostate cancer cells. International Journal of Cancer, 2012, 130, 200-212.	2.3	30
29	Lobeâ€specific proteome changes in the dorsalâ€lateral and ventral prostate of TRAMP mice versus wildâ€type mice. Proteomics, 2011, 11, 2542-2549.	1.3	27
30	Characterization of the Fluorescence Properties of 4â€Dialkylaminochalcones and Investigation of the Cytotoxic Mechanism of Chalcones. Archiv Der Pharmazie, 2016, 349, 539-552.	2.1	27
31	Proteomic Profiling of Potential Molecular Targets of Methyl-Selenium Compounds in the Transgenic Adenocarcinoma of Mouse Prostate Model. Cancer Prevention Research, 2010, 3, 994-1006.	0.7	26
32	Single Oral Dose Pharmacokinetics of Decursin and Decursinol Angelate in Healthy Adult Men and Women. PLoS ONE, 2015, 10, e0114992.	1.1	21
33	Targeting hexokinase 2 in castration-resistant prostate cancer. Molecular and Cellular Oncology, 2015, 2, e974465.	0.3	20
34	Proteomic and transcriptomic profiling of <i>Pten</i> geneâ€knockout mouse model of prostate cancer. Prostate, 2020, 80, 588-605.	1.2	20
35	Lobeâ€specific lineages of carcinogenesis in the transgenic adenocarcinoma of mouse prostate and their responses to chemopreventive selenium. Prostate, 2011, 71, 1429-1440.	1.2	19
36	Quantitative Determination of Decursin, Decursinol Angelate, and Decursinol in Mouse Plasma and Tumor Tissue Using Liquid-Liquid Extraction and HPLC. Planta Medica, 2012, 78, 252-259.	0.7	18

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37	Single Oral Dose Pharmacokinetics of Decursin, Decursinol Angelate, and Decursinol in Rats. Planta Medica, 2013, 79, 275-280.	0.7	18
38	Chemopreventive effect of Korean <i>Angelica</i> root extract on TRAMP carcinogenesis and integrative â€œomicâ€•profiling of affected neuroendocrine carcinomas. Molecular Carcinogenesis, 2015, 54, 1567-1583.	1.3	18
39	Chemopreventive Effects of Korean Angelica versus Its Major Pyranocoumarins on Two Lineages of Transgenic Adenocarcinoma of Mouse Prostate Carcinogenesis. Cancer Prevention Research, 2015, 8, 835-844.	0.7	17
40	Methylseleninic Acid Superactivates p53-Senescence Cancer Progression Barrier in Prostate Lesions of <i>Pten</i>-Knockout Mouse. Cancer Prevention Research, 2016, 9, 35-42.	0.7	17
41	Selenium as a cancer preventive agent. , 2006, , 249-264.		16
42	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. Anticancer Research, 2012, 32, 3689-98.	0.5	16
43	A synthetic decursin analog with increased in vivo stability suppresses androgen receptor signaling in vitro and in vivo. Investigational New Drugs, 2012, 30, 1820-1829.	1.2	14
44	Cancer Chemoprevention with Korean Angelica: Active Compounds, Pharmacokinetics, and Human Translational Considerations. Current Pharmacology Reports, 2015, 1, 373-381.	1.5	14
45	Unambiguous Identification of Î²â€‘Tubulin as the Direct Cellular Target Responsible for the Cytotoxicity of Chalcone by Photoaffinity Labeling. ChemMedChem, 2016, 11, 1436-1445.	1.6	14
46	Phenylbutyl isoselenocyanate induces reactive oxygen species to inhibit androgen receptor and to initiate p53â€‘mediated apoptosis in LNCaP prostate cancer cells. Molecular Carcinogenesis, 2018, 57, 1055-1066.	1.3	13
47	In Vitro Metabolism of Pyranocoumarin Isomers Decursin and Decursinol Angelate by Liver Microsomes from Man and Rodents. Planta Medica, 2013, 79, 1536-1544.	0.7	12
48	Prostate Cancer Xenograft Inhibitory Activity and Pharmacokinetics of Decursinol, a Metabolite of <i>Angelica gigas</i> Pyranocoumarins, in Mouse Models. The American Journal of Chinese Medicine, 2017, 45, 1773-1792.	1.5	12
49	Oral Dosing of Dihydromethysticin Ahead of Tobacco Carcinogen NNK Effectively Prevents Lung Tumorigenesis in A/J Mice. Chemical Research in Toxicology, 2020, 33, 1980-1988.	1.7	12
50	A Filter Elution Assay for the Simultaneous Detection of DNA Double and Single Strand Breaks. Analytical Biochemistry, 1996, 235, 227-233.	1.1	11
51	Gene expression signatures associated with suppression of TRAMP prostate carcinogenesis by a kavalactoneâ€‘rich Kava fraction. Molecular Carcinogenesis, 2016, 55, 2291-2303.	1.3	11
52	Novel Seleno-Aspirinyl Compound AS-10 Induces Apoptosis, G1 Arrest of Pancreatic Ductal Adenocarcinoma Cells, Inhibits Their NF-ÎºB Signaling, and Synergizes with Gemcitabine Cytotoxicity. International Journal of Molecular Sciences, 2021, 22, 4966.	1.8	11
53	Cytochrome P450 Isoforms in the Metabolism of Decursin and Decursinol Angelate from Korean Angelica. The American Journal of Chinese Medicine, 2015, 43, 1211-1230.	1.5	10
54	The Impact of One-week Dietary Supplementation with Kava on Biomarkers of Tobacco Use and Nitrosamine-based Carcinogenesis Risk among Active Smokers. Cancer Prevention Research, 2020, 13, 483-492.	0.7	9

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55	Pyranocoumarin Tissue Distribution, Plasma Metabolome and Prostate Transcriptome Impacts of Sub-Chronic Exposure to Korean Angelica Supplement in Mice. The American Journal of Chinese Medicine, 2016, 44, 321-353.	1.5	6
56	Suppressing the activation of protein kinase A as a DNA damage-independent mechanistic lead for dihydromethysticin prophylaxis of NNK-induced lung carcinogenesis. Carcinogenesis, 2022, 43, 659-670.	1.3	4
57	Optimizing liveâ€animal bioluminescence imaging prediction of tumor burden in human prostate cancer xenograft models in SCIDâ€NSG mice. Prostate, 2019, 79, 949-960.	1.2	2
58	Abstract LB-184: A paradigm of carcinogenesis lineage specificities of cancer chemoprevention: Korean <i>Angelica</i> extract and its pyranocoumarins in the transgenic adenocarcinoma of mouse prostate model.. Cancer Research, 2013, 73, LB-184-LB-184.	0.4	2
59	Aqueous metabolome of tissueâ€specific conditional Pten â€knockout mouse prostate cancer and TRAMP neuroendocrine carcinoma. Prostate, 2022, 82, 154-166.	1.2	2
60	Interception Targets of <i>Angelica Gigas</i> Nakai Root Extract versus Pyranocoumarins in Prostate Early Lesions and Neuroendocrine Carcinomas in TRAMP Mice. Cancer Prevention Research, 2021, 14, 635-648.	0.7	1
61	Effect of Dietary Methylseleninic Acid and Se-Methylselenocysteine on Carcinogen-Induced, Androgen-Promoted Prostate Carcinogenesis in Rats. Nutrition and Cancer, 0, , 1-8.	0.9	1
62	Regulation of Signaling Pathways by Selenium in Cancer. Oxidative Stress and Disease, 2008, , .	0.3	0
63	Assessing the Antinociceptive Effects and Tolerance Development of Decursinol in Nociceptive, Inflammatory, and Neuropathic Pain. FASEB Journal, 2022, 36, .	0.2	0