

Violetta Krajka-KuÅ°niak

List of Publications by Year in descending order

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61
papers

1,745
citations

304368

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301761

39
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62
all docs

62
docs citations

62
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	The Nrf2-ARE signaling pathway: An update on its regulation and possible role in cancer prevention and treatment. <i>Pharmacological Reports</i> , 2017, 69, 393-402.	1.5	207
2	The effect of dietary polyphenols on the epigenetic regulation of gene expression in MCF7 breast cancer cells. <i>Toxicology Letters</i> , 2010, 192, 119-125.	0.4	170
3	Neuroprotective Effects of Pomegranate Juice against Parkinson's Disease and Presence of Ellagitannins-Derived Metabolite "Urolithin A" in the Brain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 202.	1.8	95
4	Betainin, a beetroot component, induces nuclear factor erythroid-2-related factor 2-mediated expression of detoxifying/antioxidant enzymes in human liver cell lines. <i>British Journal of Nutrition</i> , 2013, 110, 2138-2149.	1.2	94
5	The activation of the Nrf2/ARE pathway in HepG2 hepatoma cells by phytochemicals and subsequent modulation of phase II and antioxidant enzyme expression. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 227-238.	1.3	61
6	The effects of tannic acid on cytochrome P450 and phase II enzymes in mouse liver and kidney. <i>Toxicology Letters</i> , 2003, 143, 209-216.	0.4	58
7	Beetroot juice protects against N-nitrosodiethylamine-induced liver injury in rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 2027-2033.	1.8	53
8	Xanthohumol induces phase II enzymes via Nrf2 in human hepatocytes in vitro. <i>Toxicology in Vitro</i> , 2013, 27, 149-156.	1.1	49
9	Evaluation of the Effect of Beetroot Juice on DMBA-Induced Damage in Liver and Mammary Gland of Female Sprague-Dawley Rats. <i>Phytotherapy Research</i> , 2014, 28, 55-61.	2.8	46
10	Cytotoxic activity of 3,3',4,4',5,5'-hexahydroxystilbene against breast cancer cells is mediated by induction of p53 and downregulation of mitochondrial superoxide dismutase. <i>Toxicology in Vitro</i> , 2008, 22, 1361-1370.	1.1	44
11	Lichen-derived caperatic acid and physodic acid inhibit Wnt signaling in colorectal cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 441, 109-124.	1.4	42
12	Modulation of Nrf2 and NF- κ B Signaling Pathways by Naturally Occurring Compounds in Relation to Cancer Prevention and Therapy. Are Combinations Better Than Single Compounds?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8223.	1.8	41
13	The effect of resveratrol, its naturally occurring derivatives and tannic acid on the induction of cell cycle arrest and apoptosis in rat C6 and human T98G glioma cell lines. <i>Toxicology in Vitro</i> , 2017, 43, 69-75.	1.1	40
14	Tannic Acid: Specific Form of Tannins in Cancer Chemoprevention and Therapy-Old and New Applications. <i>Current Pharmacology Reports</i> , 2020, 6, 28-37.	1.5	39
15	Modulation of 3-methylcholanthrene-induced rat hepatic and renal cytochrome P450 and phase II enzymes by plant phenols: protocatechuic and tannic acids. <i>Toxicology Letters</i> , 2004, 152, 117-26.	0.4	37
16	Combination of xanthohumol and phenethyl isothiocyanate inhibits NF- κ B and activates Nrf2 in pancreatic cancer cells. <i>Toxicology in Vitro</i> , 2020, 65, 104799.	1.1	34
17	Modulation of rat hepatic and kidney phase II enzymes by cabbage juices: comparison with the effects of indole-3-carbinol and phenethyl isothiocyanate. <i>British Journal of Nutrition</i> , 2011, 105, 816-826.	1.2	33
18	Inhibition of CBP/ β -catenin and porcupine attenuates Wnt signaling and induces apoptosis in head and neck carcinoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 505-520.	2.1	31

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19	Effect of Chokeberry (<i>Aronia melanocarpa</i>) Juice on the Metabolic Activation and Detoxication of Carcinogenic N-Nitrosodiethylamine in Rat Liver. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5071-5077.	2.4	30
20	Modulation of CYP1A1, CYP1A2 and CYP1B1 Expression by Cabbage Juices and Indoles in Human Breast Cell Lines. <i>Nutrition and Cancer</i> , 2012, 64, 879-888.	0.9	25
21	Effect of naturally occurring phenolic acids on the expression of glutathione S-transferase isozymes in the rat. <i>Food and Chemical Toxicology</i> , 2008, 46, 1097-1102.	1.8	24
22	The inhibition of c-MYC transcription factor modulates the expression of glycolytic and glutaminolytic enzymes in FaDu hypopharyngeal carcinoma cells. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 735-742.	0.6	24
23	COXIBs and 2,5-dimethylcelecoxib counteract the hyperactivated Wnt/ β -catenin pathway and COX-2/PGE2/EP4 signaling in glioblastoma cells. <i>BMC Cancer</i> , 2021, 21, 493.	1.1	23
24	Modulation of cytochrome P450 and phase II enzymes by protocatechuic acid in mouse liver and kidney. <i>Toxicology</i> , 2005, 216, 24-31.	2.0	20
25	Oleanolic acid oxime derivatives and their conjugates with aspirin modulate the NF- κ B-mediated transcription in HepG2 hepatoma cells. <i>Bioorganic Chemistry</i> , 2019, 93, 103326.	2.0	20
26	Phloretamide, an apple phenolic compound, activates the Nrf2/ARE pathway in human hepatocytes. <i>Food and Chemical Toxicology</i> , 2013, 51, 202-209.	1.8	18
27	The effect of resveratrol and its methylthio-derivatives on EGFR and Stat3 activation in human HaCaT and A431 cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 396, 221-228.	1.4	17
28	The effect of resveratrol and its methylthio-derivatives on the Nrf2-ARE pathway in mouse epidermis and HaCaT keratinocytes. <i>Cellular and Molecular Biology Letters</i> , 2014, 19, 500-16.	2.7	17
29	Effect of tannic acid, resveratrol and its derivatives, on oxidative damage and apoptosis in human neutrophils. <i>Food and Chemical Toxicology</i> , 2015, 84, 37-46.	1.8	17
30	Lichen Secondary Metabolites Inhibit the Wnt/ β -Catenin Pathway in Glioblastoma Cells and Improve the Anticancer Effects of Temozolomide. <i>Cells</i> , 2022, 11, 1084.	1.8	17
31	The effect of resveratrol and its methylthio-derivatives on NF- κ B and AP-1 signaling pathways in HaCaT keratinocytes. <i>Pharmacological Reports</i> , 2014, 66, 732-740.	1.5	16
32	Cabbage Juices and Indoles Modulate the Expression Profile of AhR, ER α , and Nrf2 in Human Breast Cell Lines. <i>Nutrition and Cancer</i> , 2015, 67, 1344-1356.	0.9	16
33	The effect of initiating doses of benzo[a]pyrene and 7,12-dimethylbenz[a]anthracene on the expression of PAH activating enzymes and its modulation by plant phenols. <i>Toxicology</i> , 2008, 251, 28-34.	2.0	15
34	Chokeberry (<i>Aronia melanocarpa</i>) juice modulates 7,12-dimethylbenz[a]anthracene induced hepatic but not mammary gland phase I and II enzymes in female rats. <i>Environmental Toxicology and Pharmacology</i> , 2011, 31, 339-346.	2.0	14
35	The inhibitors of KDM4 and KDM6 histone lysine demethylases enhance the anti-growth effects of erlotinib and HS-173 in head and neck cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 166, 105961.	1.9	14
36	Role of Nrf2 in Pancreatic Cancer. <i>Antioxidants</i> , 2022, 11, 98.	2.2	14

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37	Attenuation of Pancreatic Cancer In Vitro and In Vivo via Modulation of Nrf2 and NF- κ B Signaling Pathways by Natural Compounds. <i>Cells</i> , 2021, 10, 3556.	1.8	14
38	Methoxy-stilbenes downregulate the transcription of Wnt/ β -catenin-dependent genes and lead to cell cycle arrest and apoptosis in human T98G glioblastoma cells. <i>Advances in Medical Sciences</i> , 2021, 66, 6-20.	0.9	13
39	Anti-Cancer Potential of Synthetic Oleanolic Acid Derivatives and Their Conjugates with NSAIDs. <i>Molecules</i> , 2021, 26, 4957.	1.7	13
40	Hawthorn (<i>Crataegus oxyacantha</i> L.) Bark Extract Regulates Antioxidant Response Element (ARE)-Mediated Enzyme Expression Via Nrf2 Pathway Activation in Normal Hepatocyte Cell Line. <i>Phytotherapy Research</i> , 2014, 28, 593-602.	2.8	12
41	Modulation of Carcinogen Metabolizing Cytochromes P450 in Rat Liver and Kidney by Cabbage and Sauerkraut Juices: Comparison with the Effects of Indole-3-carbinol and Phenethyl Isothiocyanate. <i>Phytotherapy Research</i> , 2012, 26, 1148-1155.	2.8	11
42	Comparison of the Impact of Xanthohumol and Phenethyl Isothiocyanate and Their Combination on Nrf2 and NF- κ B Pathways in HepG2 Cells In Vitro and Tumor Burden In Vivo. <i>Nutrients</i> , 2021, 13, 3000.	1.7	11
43	Hepatic and extrahepatic expression of glutathione S-transferase isozymes in mice and its modulation by naturally occurring phenolic acids. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 27-32.	2.0	10
44	Frequent gene hypermethylation in laryngeal cancer cell lines and the resistance to demethylation induction by plant polyphenols. <i>Toxicology in Vitro</i> , 2011, 25, 213-221.	1.1	10
45	Morpholide derivative of the novel oleanolic oxime and succinic acid conjugate diminish the expression and activity of NF- κ B and STATs in human hepatocellular carcinoma cells. <i>Chemico-Biological Interactions</i> , 2019, 311, 108786.	1.7	10
46	Effect of methoxy stilbenes" analogs of resveratrol" on the viability and induction of cell cycle arrest and apoptosis in human myeloid leukemia cells. <i>Molecular and Cellular Biochemistry</i> , 2020, 474, 113-123.	1.4	10
47	R-sulforaphane modulates the expression profile of AhR, ER α , Nrf2, NQO1, and GSTP in human breast cell lines. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 525-533.	1.4	10
48	Conjugation of Diclofenac with Novel Oleanolic Acid Derivatives Modulate Nrf2 and NF- κ B Activity in Hepatic Cancer Cells and Normal Hepatocytes Leading to Enhancement of Its Therapeutic and Chemopreventive Potential. <i>Pharmaceuticals</i> , 2021, 14, 688.	1.7	10
49	Lichen-Derived Depsides and Depsidones Modulate the Nrf2, NF- κ B and STAT3 Signaling Pathways in Colorectal Cancer Cells. <i>Molecules</i> , 2021, 26, 4787.	1.7	10
50	The Effect of Novel Oleanolic Acid Oximes Conjugated with Indomethacin on the Nrf2-ARE And NF- κ B Signaling Pathways in Normal Hepatocytes and Human Hepatocellular Cancer Cells. <i>Pharmaceuticals</i> , 2021, 14, 32.	1.7	10
51	The effect of cloudy apple juice on hepatic and mammary gland phase I and II enzymes induced by DMBA in female Sprague-Dawley rats. <i>Drug and Chemical Toxicology</i> , 2014, 37, 472-479.	1.2	9
52	The effect of luteolin 7-glucoside, apigenin 7-glucoside and <i>Succisa pratensis</i> extracts on NF- κ B activation and α -amylase activity in HepG2 cells. <i>Acta Biochimica Polonica</i> , 2020, 67, 41-47.	0.3	9
53	The Effect of 3-Hydroxy-3,4,5,4-Tetramethoxy -stilbene, the Metabolite of the Resveratrol Analogue DMU-212, on the Motility and Proliferation of Ovarian Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1100.	1.8	9
54	Activation of the Nrf2 response by oleanolic acid oxime morpholide (3-hydroxyiminoolean-12-en-28-oic) Tj ETQqO O O rgBT /Overlock 10 hepatoma cells. <i>European Journal of Pharmacology</i> , 2020, 883, 173307.	1.7	8

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55	Combinations of Phytochemicals More Efficiently than Single Components Activate Nrf2 and Induce the Expression of Antioxidant Enzymes in Pancreatic Cancer Cells. <i>Nutrition and Cancer</i> , 2021, , 1-16.	0.9	8
56	Monoclonal Antibody-Directed Analysis of Benzo[<i>a</i>]pyrene Metabolism in Rat Liver and Extrahepatic Tissues: Effect of Propyl and Octyl Gallate. <i>Nutrition and Cancer</i> , 2001, 39, 117-125.	0.9	7
57	Indomethacin and Diclofenac Hybrids with Oleanolic Acid Oximes Modulate Key Signaling Pathways in Pancreatic Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1230.	1.8	4
58	(+)-Usnic acid modulates the Nrf2-ARE pathway in FaDu hypopharyngeal carcinoma cells. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2539-2549.	1.4	3
59	Porcupine and CBP/β-catenin are the most suitable targets for the inhibition of canonical Wnt signaling in colorectal carcinoma cell lines*. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2020, 74, 224-235.	0.1	3
60	Phytochemical Combinations Modulate the Activation of Nrf2 and Expression of SOD in Pancreatic Cancer Cells More Efficiently Than Single Plant Components. <i>Proceedings (mdpi)</i> , 2019, 11, 22.	0.2	1
61	Abstract 1289: Conjugation of indomethacin with novel oleanolic acid oximes increases its Nrf2 and NF-κB signaling pathways modulating effect in pancreatic cancer cells. , 2021, , .		0