Lai Kwok Leung

List of Publications by Year
in descending order

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91 papers	2,745 citations	186209 28 h-index	197736 49 g-index
92 all docs	92 docs citations	92 times ranked	3713 citing authors

#	Article	IF	Citations
1	Theaflavins in Black Tea and Catechins in Green Tea Are Equally Effective Antioxidants. Journal of Nutrition, 2001, 131, 2248-2251.	1.3	392
2	Stability of tea theaflavins and catechins. Food Chemistry, 2003, 83, 189-195.	4.2	267
3	The Red Wine Polyphenol Resveratrol Displays Bilevel Inhibition on Aromatase in Breast Cancer Cells. Toxicological Sciences, 2006, 92, 71-77.	1.4	112
4	The plant polyphenol butein inhibits testosterone-induced proliferation in breast cancer cells expressing aromatase. Life Sciences, 2005, 77, 39-51.	2.0	91
5	Difference in flavonoid and isoflavone profile between soybean and soy leaf. Biomedicine and Pharmacotherapy, 2002, 56, 289-295.	2.5	86
6	Oxidative Stability of Conjugated Linoleic Acid Isomers. Journal of Agricultural and Food Chemistry, 2000, 48, 3072-3076.	2.4	81
7	The red clover (Trifolium pratense) isoflavone biochanin A inhibits aromatase activity and expression. British Journal of Nutrition, 2008, 99, 303-310.	1.2	75
8	Differential effects of chemotherapeutic agents on the Bclâ€2/Bax apoptosis pathway in human breast cancer cell line MCFâ€7. Breast Cancer Research and Treatment, 1999, 55, 73-83.	1.1	58
9	Baicalein and genistein display differential actions on estrogen receptor (ER) transactivation and apoptosis in MCF-7 cells. Cancer Letters, 2002, 187, 33-40.	3.2	58
10	Dietary administration of the licorice flavonoid isoliquiritigenin deters the growth of MCFâ€7 cells overexpressing aromatase. International Journal of Cancer, 2009, 124, 1028-1036.	2.3	56
11	The citrus flavonone hesperetin inhibits growth of aromatase-expressing MCF-7 tumor in ovariectomized athymic mice. Journal of Nutritional Biochemistry, 2012, 23, 1230-1237.	1.9	56
12	Treatment of rats with the peroxisome proliferator ciprofibrate results in increased liver NF-kB activity. Carcinogenesis, 1996, 17, 2305-2309.	1.3	55
13	Paradoxical regulation of Bcl-2 family proteins by 17Î²-oestradiol in human breast cancer cells MCF-7. British Journal of Cancer, 1999, 81, 387-392.	2.9	53
14	Bisphenol A downregulates CYP19 transcription in JEG-3 cells. Toxicology Letters, 2009, 189, 248-252.	0.4	52
15	A potential protective mechanism of soya isoflavones against 7,12-dimethylbenz[a]anthracene tumour initiation. British Journal of Nutrition, 2003, 90, 457-465.	1.2	49
16	Dietary flavones and flavonones display differential effects on aromatase (CYP19) transcription in the breast cancer cells MCF-7. Molecular and Cellular Endocrinology, 2011, 344, 51-58.	1.6	48
17	The red clover (Trifolium pratense) isoflavone biochanin A modulates the biotransformation pathways of 7, 12-dimethylbenz[a]anthracene. British Journal of Nutrition, 2003, 90, 87-92.	1.2	46
18	Genistein-induced apoptosis in MCF-7 cells involves changes in Bak and Bcl-x without evidence of anti-oestrogenic effects. British Journal of Nutrition, 2002, 88, 463-469.	1.2	41

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19	Epimerisation of tea polyphenols in tea drinks. Journal of the Science of Food and Agriculture, 2003, 83, 1617-1621.	1.7	41
20	The soy isoflavone genistein induces estrogen synthesis in an extragonadal pathway. Molecular and Cellular Endocrinology, 2009, 302, 73-80.	1.6	39
21	The carotenoid lycopene differentially regulates phase I and II enzymes in dimethylbenz[a]anthracene-induced MCF-7 cells. Nutrition, 2010, 26, 1181-1187.	1.1	37
22	Soya isoflavones suppress phorbol 12-myristate 13-acetate-induced COX-2 expression in MCF-7 cells. British Journal of Nutrition, 2006, 96, 169.	1.2	36
23	Bcl-2 Is Not Reduced in the Death of MCF-7 Cells at Low Genistein Concentration. Journal of Nutrition, 2000, 130, 2922-2926.	1.3	34
24	Baicalein inhibits DMBAâ€“DNA adduct formation by modulating CYP1A1 and CYP1B1 activities. Biomedicine and Pharmacotherapy, 2002, 56, 269-275.	2.5	34
25	Regulation of death promoter Bak expression by cell density and 17Î²-estradiol in MCF-7 cells. Cancer Letters, 1998, 124, 47-52.	3.2	31
26	Bisphenol A differentially activates protein kinase C isoforms in murine placental tissue. Toxicology and Applied Pharmacology, 2013, 269, 163-168.	1.3	31
27	Activation of Hepatic NF-ÎºB by Phenobarbital in Rats. Biochemical and Biophysical Research Communications, 1996, 229, 982-989.	1.0	30
28	Genistein protects against polycyclic aromatic hydrocarbon-induced oxidative DNA damage in non-cancerous breast cells MCF-10A. British Journal of Nutrition, 2009, 101, 257-262.	1.2	29
29	Apigenin and luteolin display differential hypocholesterolemic mechanisms in mice fed a high-fat diet. Biomedicine and Pharmacotherapy, 2017, 96, 1000-1007.	2.5	29
30	Antioxidant activity of tea theaflavins and methylated catechins in canola oil. JAOCS, Journal of the American Oil Chemists' Society, 2004, 81, 269-274.	0.8	27
31	The neuroprotective effects of ipriflavone against H2O2 and amyloid beta induced toxicity in human neuroblastoma SH-SY5Y cells. European Journal of Pharmacology, 2013, 721, 286-293.	1.7	26
32	The Flavone Luteolin Suppresses SREBP-2 Expression and Post-Translational Activation in Hepatic Cells. PLoS ONE, 2015, 10, e0135637.	1.1	26
33	The dietary flavonoid apigenin blocks phorbol 12-myristate 13-acetate-induced COX-2 transcriptional activity in breast cell lines. Food and Chemical Toxicology, 2010, 48, 3022-3027.	1.8	25
34	Butein downregulates phorbol 12-myristate 13-acetate-induced COX-2 transcriptional activity in cancerous and non-cancerous breast cells. European Journal of Pharmacology, 2010, 648, 24-30.	1.7	24
35	The Licorice Flavonoid Isoliquiritigenin Suppresses Phorbol Ester-induced Cyclooxygenase-2 Expression in the Non-tumorigenic MCF-10A Breast Cell Line. Planta Medica, 2010, 76, 780-785.	0.7	24
36	Screening of Chemopreventive Tea Polyphenols Against PAH Genotoxicity in Breast Cancer Cells by a XRE-Luciferase ReporterConstruct. Nutrition and Cancer, 2003, 46, 93-100.	0.9	23

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37	Antioxidant activity of flavonoids isolated fromScutellaria rehderiana. JAOCS, Journal of the American Oil Chemists' Society, 2000, 77, 807-813.	0.8	22
38	Soy Leaf Lowers the Ratio of Non-HDL to HDL Cholesterol in Hamsters. Journal of Agricultural and Food Chemistry, 2003, 51, 4554-4558.	2.4	22
39	The citrus flavonone hesperetin prevents letrozole-induced bone loss in a mouse model of breast cancer. Journal of Nutritional Biochemistry, 2013, 24, 1112-1116.	1.9	22
40	Hydroxychalcones exhibit differential effects on XRE transactivation. Toxicology, 2005, 207, 303-313.	2.0	20
41	Polycyclic aromatic hydrocarbon-induced CYP1B1 activity is suppressed by perillyl alcohol in MCF-7 cells. Toxicology and Applied Pharmacology, 2006, 213, 98-104.	1.3	20
42	A positive feedback pathway of estrogen biosynthesis in breast cancer cells is contained by resveratrol. Toxicology, 2008, 248, 130-135.	2.0	19
43	The citrus flavanone naringenin suppresses CYP1B1 transactivation through antagonising xenobiotic-responsive element binding. British Journal of Nutrition, 2013, 109, 1598-1605.	1.2	19
44	Knockdown of TM9SF4 boosts ER stress to trigger cell death of chemoresistant breast cancer cells. Oncogene, 2019, 38, 5778-5791.	2.6	19
45	Pharmacological concentration of resveratrol suppresses aromatase in JEG-3 cells. Toxicology Letters, 2007, 173, 175-180.	0.4	18
46	Bisphenol A induces corticotropin-releasing hormone expression in the placental cells JEG-3. Reproductive Toxicology, 2012, 34, 317-322.	1.3	18
47	2,3,7,8-Tetrachlorodibenzo-para-dioxin increases aromatase (CYP19) mRNA stability in MCF-7 cells. Molecular and Cellular Endocrinology, 2010, 317, 8-13.	1.6	17
48	The red wine polyphenol resveratrol reduces polycyclic aromatic hydrocarbon-induced DNA damage in MCF-10A cells. British Journal of Nutrition, 2009, 102, 1462-1468.	1.2	16
49	Coadministrating Luteolin Minimizes the Side Effects of the Aromatase Inhibitor Letrozole. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 270-277.	1.3	16
50	Reduction of the concentrations of prostaglandins E2 and F2Î±, and thromboxane B2 in cultured rat hepatocytes treated with the peroxisome proliferator ciprofibrate. Toxicology Letters, 1996, 85, 143-149.	0.4	14
51	Effect of zeranol on expression of apoptotic and cell cycle proteins in murine placentae. Toxicology, 2013, 314, 148-154.	2.0	14
52	Effect of dietary flavonols on oestrogen receptor transactivation and cell death induction. British Journal of Nutrition, 2004, 91, 831-839.	1.2	13
53	Assessing the effect of food mycotoxins on aromatase by using a cell-based system. Toxicology in Vitro, 2014, 28, 640-646.	1.1	13
54	The licorice flavonoid isoliquiritigenin reduces DNA-binding activity of AhR in MCF-7 cells. Chemico-Biological Interactions, 2014, 221, 70-76.	1.7	13

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55	Celecoxib increases miR-222 while deterring aromatase-expressing breast tumor growth in mice. BMC Cancer, 2014, 14, 426.	1.1	13
56	Effect of the peroxisome proliferator ciprofibrate on hepatic cyclooxygenase and phospholipase A2 in rats. Toxicology, 1998, 126, 65-73.	2.0	12
57	Developing a high-throughput system for the screening of cytochrome P450 1A1 â€“ Inhibitory polyphenols. Toxicology in Vitro, 2007, 21, 996-1002.	1.1	12
58	Exposure to 2,2â€²,4,4â€²-tetrabromodiphenyl ether at late gestation modulates placental signaling molecules in the mouse model. Chemosphere, 2017, 181, 289-295.	4.2	12
59	The citrus flavonone hesperetin attenuates the nuclear translocation of aryl hydrocarbon receptor. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 210, 57-64.	1.3	11
60	The flame retardant 2,2â€²,4,4â€²-Tetrabromodiphenyl ether enhances the expression of corticotropin-releasing hormone in the placental cell model JEG-3. Chemosphere, 2017, 174, 499-505.	4.2	10
61	CYP19 expression is induced by 2,3,7,8-tetrachloro-dibenzo-para-dioxin in human glioma cells. Molecular and Cellular Endocrinology, 2013, 375, 106-112.	1.6	9
62	Exposure to aflatoxin B1 in late gestation alters protein kinase C and apoptotic protein expression in murine placenta. Reproductive Toxicology, 2016, 61, 68-74.	1.3	9
63	Differential effect of over-expressing UGT1A1 and CYP1A1 on xenobiotic assault in MCF-7 cells. Toxicology, 2007, 242, 153-159.	2.0	8
64	Zeranol upregulates corticotropin releasing hormone expression in the placental cell line JEG-3. Toxicology Letters, 2013, 219, 218-222.	0.4	8
65	Aflatoxin B1 disrupts transient receptor potential channel activity and increases COX-2 expression in JEG-3 placental cells. Chemico-Biological Interactions, 2016, 260, 84-90.	1.7	8
66	Methylation dictates PI.f-specific CYP19 transcription in human glial cells. Molecular and Cellular Endocrinology, 2017, 452, 131-137.	1.6	8
67	The activity of transient receptor potential channel Câ€6 modulates the differentiation of fat cells. FASEB Journal, 2019, 33, 6526-6538.	0.2	8
68	Genistein upregulates placental corticotropin-releasing hormone expression in lipopolysaccharide-sensitized mice. Placenta, 2011, 32, 757-762.	0.7	7
69	Zeranol induces COX-2 expression through TRPC-3 activation in the placental cells JEG-3. Toxicology in Vitro, 2016, 35, 17-23.	1.1	7
70	PCP4/PEP19 upregulates aromatase gene expression via CYP19A1 promoter I.1 in human breast cancer SK-BR-3 cells. Oncotarget, 2018, 9, 29619-29633.	0.8	7
71	The flavone apigenin blocks nuclear translocation of sterol regulatory element-binding protein-2 in the hepatic cells WRL-68. British Journal of Nutrition, 2015, 113, 1844-1852.	1.2	6
72	Aflatoxin B1 augments the synthesis of corticotropin releasing hormone in JEG-3 placental cells. Chemico-Biological Interactions, 2015, 237, 73-79.	1.7	6

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73	Phorbol 12-myristate 13-acetate promotes nuclear translocation of hepatic steroid response element binding protein-2. International Journal of Biochemistry and Cell Biology, 2016, 75, 1-10.	1.2	6
74	Co-administrating apigenin in a high-cholesterol diet prevents hypercholesterolaemia in golden hamsters. Journal of Pharmacy and Pharmacology, 2018, 70, 1253-1261.	1.2	6
75	The livestock growth-promoter zeranol facilitates GLUT4 translocation in 3T3 L1 adipocytes. Chemosphere, 2020, 253, 126772.	4.2	5
76	Lack of correlation between hepatic prostaglandin concentrations and DNA synthesis after the administration of phenobarbital and the peroxisome proliferator ciprofibrate in rats. Toxicology, 1997, 123, 101-109.	2.0	4
77	Dietary soya isoflavones and breast carcinogenesis: a perspective from a cell-culture model. Nutrition Research Reviews, 2005, 18, 202-211.	2.1	4
78	Oestrogen receptor Î± is required for biochanin A-induced apolipoprotein A-1ÂmRNA expression in HepG2 cells. British Journal of Nutrition, 2007, 98, 534-539.	1.2	4
79	Dietary flavones counteract phorbol 12-myristate 13-acetate-induced SREBP-2 processing in hepatic cells. Molecular and Cellular Biochemistry, 2017, 424, 163-172.	1.4	4
80	Effect of dioxin exposure on aromatase expression in ovariectomized rats. Toxicology and Applied Pharmacology, 2008, 229, 102-108.	1.3	3
81	Genistein and daidzein induced apoA-1 transactivation in hepG2 cells expressing oestrogen receptor-Î±. British Journal of Nutrition, 2008, 99, 1007-1012.	1.2	3
82	Assessing placental corticotrophin-releasing hormone disruption by hexestrol in a cell model. Environmental Toxicology and Pharmacology, 2016, 48, 197-202.	2.0	3
83	Quantification of breast milk trans fatty acids and trans fat intake by Hong Kong lactating women. European Journal of Clinical Nutrition, 2020, 74, 765-774.	1.3	3
84	Role of Eicosanoid Metabolism in Carcinogenesis by Peroxisome Proliferators. Annals of the New York Academy of Sciences, 1996, 804, 719-721.	1.8	1
85	Effect of the Peroxisome Proliferators Ciprofibrate and Perfluorodecanoic Acid on Eicosanoid Concentrations in Rat Liver. Advances in Experimental Medicine and Biology, 1997, 400A, 439-445.	0.8	1
86	Exposure to aflatoxin B1 in late gestation affects birth outcome in mice. Toxicology Letters, 2016, 258, S302.	0.4	0
87	Exposure to 2,2â€²,4,4â€²-tetrabromodiphenyl ether at late gestation changes signaling molecules in murine placenta. Toxicology Letters, 2017, 280, S162.	0.4	0
88	The mycoestrogen zeranol at high dosage antagonizes transient receptor potential channel activities in 3T3 L1 cells. Toxicology Letters, 2021, 344, 18-25.	0.4	0
89	2,3,7,8-Tetrachlorodibenzo-Para-Dioxin Increases Aromatase (CYP19) mRNA Stability in MCF-7 Cells.. , 2010, , P2-81-P2-81.		0
90	The flavone apigenin blocks SREBP-2 activation in hepatic cells. Planta Medica, 2015, 81, .	0.7	0

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91	Dietary flavones counteract 5'-adenosine monophosphate-activated protein kinase-independent steroid response element binding protein-2 processing in cultured hepatocytes. Planta Medica, 2016, 81, S1-S381.	0.7	0