

Hitoshi Ashida

List of Publications by Year in Descending Order

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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.

175
papers

5,110
citations

37
h-index

64
g-index

178
ext. papers

5,641
ext. citations

3.8
avg, IF

5.62
L-index

#	Paper	IF	Citations
175	Theobromine enhances the conversion of white adipocytes into beige adipocytes in a PPAR α activation-dependent manner. <i>Journal of Nutritional Biochemistry</i> , 2021 , 100, 108898	6.3	1
174	5-Aminolevulinic acid combined with ferrous iron improves glucose tolerance in high-fat diet-fed mice via upregulation of glucose transporter 1. <i>Experimental and Therapeutic Medicine</i> , 2021 , 22, 1454	2.1	0
173	Black soybean improves the vascular function through an increase in nitric oxide and a decrease in oxidative stress in healthy women. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 688, 108408	4.1	9
172	4-Hydroxyderricin and xanthoangelol isolated from <i>Angelica keiskei</i> prevent dexamethasone-induced muscle loss. <i>Food and Function</i> , 2020 , 11, 5498-5512	6.1	5
171	Cacao polyphenols regulate the circadian clock gene expression and through glucagon-like peptide-1 secretion. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 53-60	3.1	4
170	Daily consumption of black soybean (<i>Glycine max</i> L.) seed coat polyphenols attenuates dyslipidemia in apolipoprotein E-deficient mice. <i>Journal of Functional Foods</i> , 2020 , 72, 104054	5.1	3
169	6-(Methylsulfinyl)hexyl isothiocyanate protects acetaldehyde-caused cytotoxicity through the induction of aldehyde dehydrogenase in hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 686, 108329	4.1	8
168	Enzymatically synthesized glycogen prevents ultraviolet B-induced cell damage in normal human epidermal keratinocytes. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 36-42	3.1	2
167	Bisacurone suppresses hepatic lipid accumulation through inhibiting lipogenesis and promoting lipolysis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 43-52	3.1	4
166	Enzymatically synthesized glycogen protects inflammation induced by urban particulate matter in normal human epidermal keratinocytes. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 29-35	3.1	5
165	The cacao procyanidin extract-caused anti-hyperglycemic effect was changed by the administration timings. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 61-66	3.1	4
164	Prevention effect of quercetin and its glycosides on obesity and hyperglycemia through activating AMPK α in high-fat diet-fed ICR mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 74-83	3.1	9
163	Enzymatically synthesized glycogen inhibited degranulation and inflammatory responses through stimulation of intestine. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 67-73	3.1	2
162	The mechanisms of ameliorating effect of a green tea polyphenol on diabetic nephropathy based on diacylglycerol kinase α . <i>Scientific Reports</i> , 2020 , 10, 11790	4.9	7
161	Kaempferol Promotes Glucose Uptake in Myotubes through a JAK2-Dependent Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13720-13729	5.7	4
160	Insights into the potential benefits of black soybean (L.) polyphenols in lifestyle diseases. <i>Food and Function</i> , 2020 , 11, 7321-7339	6.1	6
159	Black Soybean Improves Vascular Function and Blood Pressure: A Randomized, Placebo Controlled, Crossover Trial in Humans. <i>Nutrients</i> , 2020 , 12,	6.7	6

158	Kaempferol modulates TCDD- and t-BHQ-induced drug-metabolizing enzymes and luteolin enhances this effect. <i>Food and Function</i> , 2020 , 11, 3668-3680	6.1	5
157	Low dose of luteolin activates Nrf2 in the liver of mice at start of the active phase but not that of the inactive phase. <i>PLoS ONE</i> , 2020 , 15, e0231403	3.7	10
156	Low dose of luteolin activates Nrf2 in the liver of mice at start of the active phase but not that of the inactive phase 2020 , 15, e0231403		
155	Low dose of luteolin activates Nrf2 in the liver of mice at start of the active phase but not that of the inactive phase 2020 , 15, e0231403		
154	Low dose of luteolin activates Nrf2 in the liver of mice at start of the active phase but not that of the inactive phase 2020 , 15, e0231403		
153	Low dose of luteolin activates Nrf2 in the liver of mice at start of the active phase but not that of the inactive phase 2020 , 15, e0231403		
152	Effects of Microbial Metabolites of (-)-Epigallocatechin Gallate on Glucose Uptake in L6 Skeletal Muscle Cell and Glucose Tolerance in ICR Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2019 , 42, 212-221	2.3	13
151	Green Tea Ameliorates Hyperglycemia by Promoting the Translocation of Glucose Transporter 4 in the Skeletal Muscle of Diabetic Rodents. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	30
150	Cacao liquor procyanidins prevent postprandial hyperglycaemia by increasing glucagon-like peptide-1 activity and AMP-activated protein kinase in mice. <i>Journal of Nutritional Science</i> , 2019 , 8, e2	2.7	11
149	Glabridin inhibits dexamethasone-induced muscle atrophy. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 664, 157-166	4.1	14
148	Quercetin and its metabolite isorhamnetin promote glucose uptake through different signalling pathways in myotubes. <i>Scientific Reports</i> , 2019 , 9, 2690	4.9	34
147	Enzymatically modified isoquercitrin promotes energy metabolism through activating AMPK in male C57BL/6 mice. <i>Food and Function</i> , 2019 , 10, 5188-5202	6.1	12
146	Black soybean seed coat polyphenols promote nitric oxide production in the aorta through glucagon-like peptide-1 secretion from the intestinal cells. <i>Food and Function</i> , 2019 , 10, 7875-7882	6.1	8
145	A physiological concentration of luteolin induces phase II drug-metabolizing enzymes through the ERK1/2 signaling pathway in HepG2 cells. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 663, 151-159	4.1	21
144	Liquorice flavonoid oil suppresses hyperglycaemia accompanied by skeletal muscle myocellular GLUT4 recruitment to the plasma membrane in KK-A mice. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 294-302	3.7	8
143	Piperine Promotes Glucose Uptake through ROS-Dependent Activation of the CAMKK/AMPK Signaling Pathway in Skeletal Muscle. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800086	5.9	22
142	Theophylline suppresses interleukin-6 expression by inhibiting glucocorticoid receptor signaling in pre-adipocytes. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 646, 98-106	4.1	6
141	Screening plant derived dietary phenolic compounds for bioactivity related to cardiovascular disease. <i>Fitoterapia</i> 2018 , 126, 22-28	3.2	20

140	Amelioration of diabetic nephropathy by oral administration of d-β-tocopherol and its mechanisms. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018 , 82, 65-73	2.1	5
139	Methylxanthine Derivative-Rich Cacao Extract Suppresses Differentiation of Adipocytes through Downregulation of PPAR α and C/EBPs. <i>Journal of Nutritional Science and Vitaminology</i> , 2018 , 64, 151-160	1.1	7
138	The Ashitaba () Chalcones 4-hydroxyderricin and Xanthoangelol Suppress Melanomagenesis By Targeting BRAF and PI3K. <i>Cancer Prevention Research</i> , 2018 , 11, 607-620	3.2	4
137	Epigallocatechin gallate induces GLUT4 translocation in skeletal muscle through both PI3K- and AMPK-dependent pathways. <i>Food and Function</i> , 2018 , 9, 4223-4233	6.1	25
136	Curcumin and its derivatives inhibit 2,3,7,8,-tetrachloro-dibenzo-p-dioxin-induced expression of drug metabolizing enzymes through aryl hydrocarbon receptor-mediated pathway. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018 , 82, 616-628	2.1	10
135	Absorption, metabolism, distribution and faecal excretion of B-type procyanidin oligomers in mice after a single oral administration of black soybean seed coat extract. <i>Food and Function</i> , 2018 , 9, 5362-5370	6.1	15
134	Licorice flavonoid oil enhances muscle mass in KK-A mice. <i>Life Sciences</i> , 2018 , 205, 91-96	6.8	26
133	Lycii fructus extract ameliorates hydrogen peroxide-induced cytotoxicity through indirect antioxidant action. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018 , 82, 1812-1820	2.1	8
132	Enzymatically synthesized glycogen inhibits colitis through decreasing oxidative stress. <i>Free Radical Biology and Medicine</i> , 2017 , 106, 355-367	7.8	22
131	Adenosine isolated from Grifola gargal promotes glucose uptake via PI3K and AMPK signalling pathways in skeletal muscle cells. <i>Journal of Functional Foods</i> , 2017 , 33, 268-277	5.1	6
130	An analysis method for flavan-3-ols using high performance liquid chromatography coupled with a fluorescence detector. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 478-487	7	8
129	Theobromine suppresses adipogenesis through enhancement of CCAAT-enhancer-binding protein β degradation by adenosine receptor A1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 2438-2448	4.9	15
128	Caffeine-Stimulated Intestinal Epithelial Cells Suppress Lipid Accumulation in Adipocytes. <i>Journal of Nutritional Science and Vitaminology</i> , 2017 , 63, 331-338	1.1	6
127	Black soybean seed coat polyphenols prevent AAPH-induced oxidative DNA-damage in HepG2 cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017 , 60, 108-114	3.1	13
126	The interaction of auraptene and other oxyprenylated phenylpropanoids with glucose transporter type 4. <i>Phytomedicine</i> , 2017 , 32, 74-79	6.5	14
125	Prevention Mechanism of Lifestyle-related Diseases by Dietary Polyphenols. <i>Nihon Eiyōshokuryō Gakkai Shi = Nippon Eiyōshokuryō Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2017 , 70, 213-223	0.2	
124	Substitution at the C-3 Position of Catechins Has an Influence on the Binding Affinities against Serum Albumin. <i>Molecules</i> , 2017 , 22,	4.8	10
123	Procyanidin Promotes Translocation of Glucose Transporter 4 in Muscle of Mice through Activation of Insulin and AMPK Signaling Pathways. <i>PLoS ONE</i> , 2016 , 11, e0161704	3.7	42

122	Rapid Preparation of a Plasma Membrane Fraction: Western Blot Detection of Translocated Glucose Transporter 4 from Plasma Membrane of Muscle and Adipose Cells and Tissues. <i>Current Protocols in Protein Science</i> , 2016 , 85, 29.18.1-29.18.12	3.1	17
121	Measurement of Glucose Uptake in Cultured Cells. <i>Current Protocols in Pharmacology</i> , 2015 , 71, 12.14.1-12.14.26		50
120	Black Tea Polyphenols Promotes GLUT4 Translocation through Both PI3K-and AMPK-dependent Pathways in Skeletal Muscle Cells. <i>Food Science and Technology Research</i> , 2015 , 21, 489-494	0.8	10
119	3-O-Acyl-epicatechins Increase Glucose Uptake Activity and GLUT4 Translocation through Activation of PI3K Signaling in Skeletal Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 16288-99	6.3	20
118	Luteolin suppresses TCDD-induced wasting syndrome in a cultured adipocyte model. <i>Pesticide Biochemistry and Physiology</i> , 2015 , 120, 14-20	4.9	5
117	Catechins in tea suppress the activity of cytochrome P450 1A1 through the aryl hydrocarbon receptor activation pathway in rat livers. <i>International Journal of Food Sciences and Nutrition</i> , 2015 , 66, 300-7	3.7	10
116	Ashitaba (<i>Angelica keiskei</i>) extract prevents adiposity in high-fat diet-fed C57BL/6 mice. <i>Food and Function</i> , 2015 , 6, 135-45	6.1	28
115	Rutin potentiates insulin receptor kinase to enhance insulin-dependent glucose transporter 4 translocation. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1168-76	5.9	69
114	Oolong, black and pu-erh tea suppresses adiposity in mice via activation of AMP-activated protein kinase. <i>Food and Function</i> , 2014 , 5, 2420-9	6.1	57
113	Chalcones suppress fatty acid-induced lipid accumulation through a LKB1/AMPK signaling pathway in HepG2 cells. <i>Food and Function</i> , 2014 , 5, 1134-41	6.1	38
112	Glabridin induces glucose uptake via the AMP-activated protein kinase pathway in muscle cells. <i>Molecular and Cellular Endocrinology</i> , 2014 , 393, 99-108	4.4	20
111	Inhibitory effects of 4-hydroxyderricin and xanthoangelol on lipopolysaccharide-induced inflammatory responses in RAW264 macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 462-7	5.7	26
110	The chalcones cardamomin and flavokawain B inhibit the differentiation of preadipocytes to adipocytes by activating ERK. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 554, 44-54	4.1	16
109	Luteolin modulates expression of drug-metabolizing enzymes through the AhR and Nrf2 pathways in hepatic cells. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 557, 36-46	4.1	36
108	Modulation of Drug-Metabolizing Enzymes and Transporters by Polyphenols as an Anticarcinogenic Effect 2014 , 1127-1135		1
107	Application of lipid extracts from <i>Solidago canadensis</i> to phytomonitoring of PCB126 in transgenic <i>Arabidopsis</i> plants. <i>Science of the Total Environment</i> , 2014 , 491-492, 240-5	10.2	4
106	Immunomodulatory activity of enzymatically synthesized glycogen and its digested metabolite in a co-culture system consisting of differentiated Caco-2 cells and RAW264.7 macrophages. <i>Food and Function</i> , 2013 , 4, 1387-93	6.1	15
105	Enzymatically synthesized glycogen reduces lipid accumulation in diet-induced obese rats. <i>Nutrition Research</i> , 2013 , 33, 743-52	4	13

104	Black soybean seed coat polyphenols prevent B(a)P-induced DNA damage through modulating drug-metabolizing enzymes in HepG2 cells and ICR mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 752, 34-41	3	24
103	Propolis extract promotes translocation of glucose transporter 4 and glucose uptake through both PI3K- and AMPK-dependent pathways in skeletal muscle. <i>BioFactors</i> , 2013 , 39, 457-66	6.1	40
102	Black soybean seed coat extract ameliorates hyperglycemia and insulin sensitivity via the activation of AMP-activated protein kinase in diabetic mice. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 5558-64	5.7	99
101	Detection of orally administered inositol stereoisomers in mouse blood plasma and their effects on translocation of glucose transporter 4 in skeletal muscle cells. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4850-4	5.7	15
100	4-Hydroxyderricin and xanthoangelol from Ashitaba (<i>Angelica keiskei</i>) suppress differentiation of preadipocytes to adipocytes via AMPK and MAPK pathways. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1729-40	5.9	49
99	Cinnamtannin A2, a tetrameric procyanidin, increases GLP-1 and insulin secretion in mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013 , 77, 888-91	2.1	46
98	Effect of Green Tea Extract on Copper Dynamics in Mouse Hair. <i>Food Science and Technology Research</i> , 2013 , 19, 123-125	0.8	
97	Preventive Effects of Black Soybean Seed Coat Polyphenols against DNA Damage in <i>Salmonella typhimurium</i> . <i>Food Science and Technology Research</i> , 2013 , 19, 685-690	0.8	7
96	Absorption and metabolism of 4-hydroxyderricin and xanthoangelol after oral administration of <i>Angelica keiskei</i> (Ashitaba) extract in mice. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 521, 71-6	4.1	25
95	Fermented tea improves glucose intolerance in mice by enhancing translocation of glucose transporter 4 in skeletal muscle. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11366-71	5.7	38
94	Assays of polychlorinated biphenyl congeners and co-contaminated heavy metals in the transgenic <i>Arabidopsis</i> plants carrying the recombinant guinea pig aryl hydrocarbon receptor-mediated β -glucuronidase reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012 , 47, 925-32	2.2	3
93	Suppression of lipopolysaccharide and galactosamine-induced hepatic inflammation by red grape pomace. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 9315-20	5.7	26
92	β -Glucan from <i>Saccharomyces cerevisiae</i> reduces lipopolysaccharide-induced inflammatory responses in RAW264.7 macrophages. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1656-63	4.3	31
91	Green tea prevents obesity by increasing expression of insulin-like growth factor binding protein-1 in adipose tissue of high-fat diet-fed mice. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8917-23	5.7	24
90	Prevention mechanisms of glucose intolerance and obesity by cacao liquor procyanidin extract in high-fat diet-fed C57BL/6 mice. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 527, 95-104	4.1	93
89	Ameliorative effects of polyunsaturated fatty acids against palmitic acid-induced insulin resistance in L6 skeletal muscle cells. <i>Lipids in Health and Disease</i> , 2012 , 11, 36	4.4	29
88	Antagonistic effect of the Ainu-selected traditional beneficial plants on the transformation of an aryl hydrocarbon receptor. <i>Journal of Food Science</i> , 2012 , 77, C420-9	3.4	2
87	Comparative analysis of carbohydrate-binding specificities of two anti-glycogen monoclonal antibodies using ELISA and surface plasmon resonance. <i>Carbohydrate Research</i> , 2012 , 350, 49-54	2.9	33

86	β-Glucan from <i>Lentinus edodes</i> inhibits nitric oxide and tumor necrosis factor-α production and phosphorylation of mitogen-activated protein kinases in lipopolysaccharide-stimulated murine RAW 264.7 macrophages. <i>Journal of Biological Chemistry</i> , 2012 , 287, 871-8	5.4	58
85	Cacao liquor procyanidin extract improves glucose tolerance by enhancing GLUT4 translocation and glucose uptake in skeletal muscle. <i>Journal of Nutritional Science</i> , 2012 , 1, e2	2.7	35
84	Measurement of glucose uptake in cultured cells. <i>Current Protocols in Pharmacology</i> , 2011 , Chapter 12, Unit 12.14.1-22	4.1	24
83	A black soybean seed coat extract prevents obesity and glucose intolerance by up-regulating uncoupling proteins and down-regulating inflammatory cytokines in high-fat diet-fed mice. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 8985-93	5.7	87
82	Oral toxicological studies of black soybean (<i>Glycine max</i>) hull extract: acute studies in rats and mice, and chronic studies in mice. <i>Food and Chemical Toxicology</i> , 2011 , 49, 3272-8	4.7	13
81	Concentration of Catechins and Caffeine in Black Tea Affects Suppression of Fat Accumulation and Hyperglycemia in High-fat Diet-fed Mice. <i>Food Science and Technology Research</i> , 2011 , 17, 353-359	0.8	7
80	Cardamonin stimulates glucose uptake through translocation of glucose transporter-4 in L6 myotubes. <i>Phytotherapy Research</i> , 2011 , 25, 1218-24	6.7	25
79	Prenylated chalcones 4-hydroxyderricin and xanthoangelol stimulate glucose uptake in skeletal muscle cells by inducing GLUT4 translocation. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 467-75	5.9	42
78	Metabolic fate of orally administered enzymatically synthesized glycogen in rats. <i>Food and Function</i> , 2011 , 2, 183-9	6.1	14
77	Immunomodulatory beta-glucan from <i>Lentinus edodes</i> activates mitogen-activated protein kinases and nuclear factor-kappaB in murine RAW 264.7 macrophages. <i>Journal of Biological Chemistry</i> , 2011 , 286, 31194-8	5.4	47
76	Dietary flavonoids as cancer-preventive and therapeutic biofactors. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 1332-62	2.4	64
75	Effects of biosurfactants on assays of PCB congeners in transgenic arabidopsis plants carrying a recombinant guinea pig AhR-mediated GUS reporter gene expression system. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 741-9	2.2	6
74	Recombinant human AhR-mediated GUS reporter gene assays for PCB congeners in transgenic tobacco plants in comparison with recombinant mouse and guinea pig AhRs. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 741-9	2.2	4
73	2,3,7,8-tetrachlorodibenzo-p-dioxin impairs an insulin signaling pathway through the induction of tumor necrosis factor-alpha in adipocytes. <i>Toxicological Sciences</i> , 2010 , 115, 482-91	4.4	38
72	D-pinitol and myo-inositol stimulate translocation of glucose transporter 4 in skeletal muscle of C57BL/6 mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010 , 74, 1062-7	2.1	77
71	Metabolites of galangin by 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P450 1A1 in human intestinal epithelial Caco-2 cells and their antagonistic activity toward aryl hydrocarbon receptor. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8111-8	5.7	17
70	Green and black tea suppress hyperglycemia and insulin resistance by retaining the expression of glucose transporter 4 in muscle of high-fat diet-fed C57BL/6J mice. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12916-23	5.7	55
69	Suppression mechanisms of flavonoids on aryl hydrocarbon receptor-mediated signal transduction. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 501, 134-41	4.1	41

68	Activation of the aryl hydrocarbon receptor induces hepatic steatosis via the upregulation of fatty acid transport. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 504, 221-7	4.1	45
67	Tea catechins modulate the glucose transport system in 3T3-L1 adipocytes. <i>Food and Function</i> , 2010 , 1, 167-73	6.1	36
66	An enzymatic fluorimetric assay to quantitate 2-deoxyglucose and 2-deoxyglucose-6-phosphate for in vitro and in vivo use. <i>Analytical Biochemistry</i> , 2010 , 404, 238-40	3.1	25
65	Insulin-Mimetic Activity of Inositol Derivatives Depends on Phosphorylation of PKC β in L6 Myotubes 2010 , 327-331		
64	Structure-activity relationships of anthraquinones on the suppression of DNA-binding activity of the aryl hydrocarbon receptor induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Journal of Bioscience and Bioengineering</i> , 2009 , 107, 296-300	3.3	12
63	Aryl hydrocarbon receptor-mediated induction of the cytosolic phospholipase A(2) α gene by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse hepatoma Hepa-1c1c7 cells. <i>Journal of Bioscience and Bioengineering</i> , 2009 , 108, 277-81	3.3	13
62	Subcellular localization of flavonol aglycone in hepatocytes visualized by confocal laser scanning fluorescence microscope. <i>Cytotechnology</i> , 2009 , 59, 177-82	2.2	26
61	Inhibition of P-glycoprotein enhances the suppressive effect of kaempferol on transformation of the aryl hydrocarbon receptor. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 1635-9	2.1	13
60	Suppression of cytochrome P450 1A1 expression induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in mouse hepatoma hepa-1c1c7 cells treated with serum of (-)-epigallocatechin-3-gallate- and green tea extract-administered rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009 , 73, 1206-8	2.1	13
59	Involvement of SREBPs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced disruption of lipid metabolism in male guinea pig. <i>Toxicology and Applied Pharmacology</i> , 2008 , 229, 281-9	4.6	14
58	Antagonistic and agonistic effects of indigoids on the transformation of an aryl hydrocarbon receptor. <i>Archives of Biochemistry and Biophysics</i> , 2008 , 470, 187-99	4.1	30
57	Multitargeted cancer prevention by quercetin. <i>Cancer Letters</i> , 2008 , 269, 315-25	9.9	489
56	Epigallocatechin gallate promotes GLUT4 translocation in skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 286-90	3.4	95
55	Cacao polyphenol extract suppresses transformation of an aryl hydrocarbon receptor in C57BL/6 mice. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 10399-405	5.7	13
54	An update on the dietary ligands of the AhR. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008 , 4, 1429-47	5.5	36
53	High-throughput evaluation of aryl hydrocarbon receptor-binding sites selected via chromatin immunoprecipitation-based screening in Hepa-1c1c7 cells stimulated with 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Genes and Genetic Systems</i> , 2008 , 83, 455-68	1.4	16
52	Suppressive Effects of Flavonoids on Activation of the Aryl Hydrocarbon Receptor Induced by Dioxins. <i>ACS Symposium Series</i> , 2008 , 369-374	0.4	5
51	Inhibitory effects of caffeine and its metabolites on intracellular lipid accumulation in murine 3T3-L1 adipocytes. <i>BioFactors</i> , 2008 , 34, 293-302	6.1	35

50	Cyanidin 3-glucoside ameliorates hyperglycemia and insulin sensitivity due to downregulation of retinol binding protein 4 expression in diabetic mice. <i>Biochemical Pharmacology</i> , 2007 , 74, 1619-27	6	225
49	Rat L6 myotubes as an in vitro model system to study GLUT4-dependent glucose uptake stimulated by inositol derivatives. <i>Cytotechnology</i> , 2007 , 55, 103-8	2.2	58
48	Rapid preparation of a plasma membrane fraction from adipocytes and muscle cells: application to detection of translocated glucose transporter 4 on the plasma membrane. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007 , 71, 2343-6	2.1	128
47	Curcumin suppresses the transformation of an aryl hydrocarbon receptor through its phosphorylation. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 466, 267-73	4.1	45
46	Interaction between the aryl hydrocarbon receptor and its antagonists, flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 359, 822-7	3.4	45
45	Molokhia (<i>Corchorus olitorius</i> L.) extract suppresses transformation of the aryl hydrocarbon receptor induced by dioxins. <i>Food and Chemical Toxicology</i> , 2006 , 44, 250-60	4.7	31
44	TCDD-induced CYP1A1 expression, an index of dioxin toxicity, is suppressed by flavonoids permeating the human intestinal Caco-2 cell monolayers. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 8891-8	5.7	38
43	A Frequent Drinking of Green Tea Lowers the Levels of Endogenous Oxidative Stress in Small Intestines, Erythrocytes and Kidneys in Rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2006 , 39, 32-39 ^{2,1}	3.1	4
42	Screening of indigenous plants from Japan for modulating effects on transformation of the aryl hydrocarbon receptor. <i>Asian Pacific Journal of Cancer Prevention</i> , 2006 , 7, 208-20	1.7	3
41	Anthocyanins fail to suppress transformation of aryl hydrocarbon receptor induced by dioxin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005 , 69, 896-903	2.1	11
40	Black tea theaflavins suppress dioxin-induced transformation of the aryl hydrocarbon receptor. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005 , 69, 883-90	2.1	18
39	Suppressive effects of ethanolic extracts from propolis and its main botanical origin on dioxin toxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 10306-9	5.7	22
38	3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1) triggers apoptosis by DNA double-strand breaks caused by inhibition of topoisomerase I. <i>Carcinogenesis</i> , 2004 , 25, 1149-55	4.6	5
37	3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole induces apoptosis and necrosis with activation of different caspases in rat splenocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004 , 68, 964-7	2.1	4
36	A new southwestern chemistry-based ELISA for detection of aryl hydrocarbon receptor transformation: application to the screening of its receptor agonists and antagonists. <i>Journal of Immunological Methods</i> , 2004 , 287, 187-201	2.5	19
35	Anti-obesity actions of green tea: possible involvements in modulation of the glucose uptake system and suppression of the adipogenesis-related transcription factors. <i>BioFactors</i> , 2004 , 22, 135-40	6.1	81
34	Black tea extract suppresses transformation of aryl hydrocarbon receptor induced by dioxin. <i>BioFactors</i> , 2004 , 21, 367-9	6.1	5
33	Tea catechin suppresses adipocyte differentiation accompanied by down-regulation of PPARgamma2 and C/EBPalpha in 3T3-L1 cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004 , 68, 2353-9 ^{2,1}	2.1	212

32	Suppression of dioxin mediated aryl hydrocarbon receptor transformation by ethanolic extracts of propolis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004 , 68, 935-8	2.1	12
31	Pigments in green tea leaves (<i>Camellia sinensis</i>) suppress transformation of the aryl hydrocarbon receptor induced by dioxin. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2499-506	5.7	41
30	Preventive Effects of Food Components on Caspase-8-Mediated Apoptosis Induced by Dietary Carcinogen, Trp-P-1, in Rat Mononuclear Cells. <i>ACS Symposium Series</i> , 2003 , 128-140	0.4	1
29	Evaluation of Intestinal Dioxin Permeability Using Human Caco-2 Cell Monolayers. <i>Food Science and Technology Research</i> , 2003 , 9, 364-366	0.8	8
28	Tea Extracts Modulate a Glucose Transport System in 3T3-L1 Adipocytes. <i>ACS Symposium Series</i> , 2003 , 224-234	0.4	1
27	Green Tea Extracts Prevent the Dioxin Toxicity through the Suppression of Transformation of the Aryl Hydrocarbon Receptor. <i>ACS Symposium Series</i> , 2003 , 119-127	0.4	3
26	Suppression of Cytochrome P450 a Subfamily in Mouse Liver by Oral Intake of Polysaccharides from Mushrooms, <i>Lentinus edodes</i> and <i>Agaricus blazei</i> . <i>ACS Symposium Series</i> , 2003 , 235-248	0.4	3
25	A Tryptophan Pyrolysis Product, 3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1) but Not Its Metabolite Induces Apoptosis in Primary Cultured Rat Hepatocytes. <i>ACS Symposium Series</i> , 2003 , 141-151 ^{9,4}		
24	Simultaneous determination of all polyphenols in vegetables, fruits, and teas. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 571-81	5.7	490
23	Apoptosis in the thymus after intraperitoneal injection of rats with Trp-P-1. <i>Environmental and Molecular Mutagenesis</i> , 2002 , 40, 175-83	3.2	4
22	Up-regulation of CD13/aminopeptidase N induced by phorbol ester is involved in redox regulation and tumor necrosis factor alpha production in HL-60 cells. <i>Inflammation</i> , 2002 , 26, 175-81	5.1	3
21	Evoking cytochrome P450 1A activity interferes with apoptosis induced by 3-amino-1,4-dimethyl-5H-pyrido [4,3-b]indole (Trp-P-1) in rat hepatocytes under the ex vivo system. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 356-62	2.1	3
20	Suppressive effect of polysaccharides from the edible and medicinal mushrooms, <i>Lentinus edodes</i> and <i>Agaricus blazei</i> , on the expression of cytochrome P450s in mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 1610-4	2.1	30
19	A novel method using 8-hydroperoxy-2' deoxyguanosine formation for evaluating antioxidative potency. <i>Free Radical Research</i> , 2002 , 36, 307-16	4	39
18	3-amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (trp-P-1) is incorporated into rat splenocytes, thymocytes, and hepatocytes through monoamine transporters and induces apoptosis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 1205-12	2.1	1
17	The heterocyclic amine, 3-amino-1,4-dimethyl-5H-pyrido[4,3-b]indole induces apoptosis in cocultures of rat parenchymal and nonparenchymal liver cells. <i>Toxicology and Applied Pharmacology</i> , 2001 , 177, 59-67	4.6	7
16	Decreased expression of Bcl-x protein during hepatocarcinogenesis induced exogenously and endogenously in rats. <i>Japanese Journal of Cancer Research</i> , 2001 , 92, 1270-7		6
15	3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1) induces caspase-dependent apoptosis in mononuclear cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001 , 1539, 44-57	4.9	6

14	3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1) induces apoptosis in rat splenocytes and thymocytes by different mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000 , 457, 57-67	3.3	10
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12	Suppressive effects of flavonoids on dioxin toxicity. <i>BioFactors</i> , 2000 , 12, 201-6	6.1	31
11	Flavones and flavonols at dietary levels inhibit a transformation of aryl hydrocarbon receptor induced by dioxin. <i>FEBS Letters</i> , 2000 , 476, 213-7	3.8	135
10	Detection of biomarkers for apoptosis in rat liver after perfusion with 3-amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1). <i>Bioscience, Biotechnology and Biochemistry</i> , 2000 , 64, 2021-4	2.1	5
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7	Tryptophan pyrolysis products, Trp-P-1 and Trp-P-2 induce apoptosis in primary cultured rat hepatocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 1998 , 62, 2283-7	2.1	14
6	Xenobiotic tolerance of primary cultured hepatocytes in rats fed a high-fat or high-protein diet. <i>Journal of Nutritional Science and Vitaminology</i> , 1998 , 44, 89-102	1.1	4
5	Heterocyclic Amines Induce Apoptosis in Hepatocytes. <i>ACS Symposium Series</i> , 1998 , 88-100	0.4	2
4	Effects of dietary lipid peroxidation products on hormonal responses in primary cultured hepatocytes of rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997 , 61, 2089-94	2.1	6
3	Protective action of dehydroascorbic acid on the Ah receptor-dependent and receptor-independent induction of lipid peroxidation in adipose tissue of male guinea pig caused by TCDD administration. <i>Journal of Biochemical Toxicology</i> , 1996 , 11, 269-78		9
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