

Shin Nishiumi

List of Publications by Citations

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Version: 2024-04-28

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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.

138
papers

4,462
citations

37
h-index

61
g-index

141
ext. papers

5,045
ext. citations

4
avg, IF

5.1
L-index

#	Paper	IF	Citations
138	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
137	A novel serum metabolomics-based diagnostic approach for colorectal cancer. <i>PLoS ONE</i> , 2012 , 7, e40459	5.7	184
136	A metabolomic approach to lung cancer. <i>Lung Cancer</i> , 2011 , 74, 284-92	5.9	142
135	A novel serum metabolomics-based diagnostic approach to pancreatic cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 571-9	4	137
134	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
133	Resolvin E1, an endogenous lipid mediator derived from eicosapentaenoic acid, prevents dextran sulfate sodium-induced colitis. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 87-95	4.5	120
132	Serum metabolomics as a novel diagnostic approach for gastrointestinal cancer. <i>Biomedical Chromatography</i> , 2012 , 26, 548-58	1.7	110
131	Butyrate attenuates inflammation and lipolysis generated by the interaction of adipocytes and macrophages. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 425-42	4	109
130	A role of the aryl hydrocarbon receptor in attenuation of colitis. <i>Digestive Diseases and Sciences</i> , 2011 , 56, 2532-44	4	103
129	Serum metabolomics as a novel diagnostic approach for pancreatic cancer. <i>Metabolomics</i> , 2010 , 6, 518-528	4.7	97
128	Epigallocatechin gallate promotes GLUT4 translocation in skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 286-90	3.4	95
127	Practical non-targeted gas chromatography/mass spectrometry-based metabolomics platform for metabolic phenotype analysis. <i>Journal of Bioscience and Bioengineering</i> , 2011 , 112, 292-8	3.3	94
126	Microbiota-derived lactate accelerates colon epithelial cell turnover in starvation-refed mice. <i>Nature Communications</i> , 2013 , 4, 1654	17.4	86
125	Supercritical fluid chromatography/Orbitrap mass spectrometry based lipidomics platform coupled with automated lipid identification software for accurate lipid profiling. <i>Journal of Chromatography A</i> , 2013 , 1301, 237-42	4.5	86
124	GC/MS-based profiling of amino acids and TCA cycle-related molecules in ulcerative colitis. <i>Inflammation Research</i> , 2011 , 60, 831-40	7.2	86
123	GCMS-based metabolomic study in mice with colitis induced by dextran sulfate sodium. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, 2261-74	4.5	80
122	Simultaneous profiling of polar lipids by supercritical fluid chromatography/tandem mass spectrometry with methylation. <i>Journal of Chromatography A</i> , 2013 , 1279, 98-107	4.5	78

121	Exosomes as nanocarriers for systemic delivery of the Helicobacter pylori virulence factor CagA. <i>Scientific Reports</i> , 2016 , 6, 18346	4.9	77
120	Autophagy in the intestinal epithelium reduces endotoxin-induced inflammatory responses by inhibiting NF- κ B activation. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 506, 223-35	4.1	70
119	Diagnosis of gastroenterological diseases by metabolome analysis using gas chromatography-mass spectrometry. <i>Journal of Gastroenterology</i> , 2012 , 47, 9-20	6.9	68
118	Dietary flavonoids as cancer-preventive and therapeutic biofactors. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 1332-62	2.4	64
117	GC/MS-based metabolomic analysis of cerebrospinal fluid (CSF) from glioma patients. <i>Journal of Neuro-Oncology</i> , 2013 , 113, 65-74	4.8	63
116	Lipoxin A(4) reduces lipopolysaccharide-induced inflammation in macrophages and intestinal epithelial cells through inhibition of nuclear factor-kappaB activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 332, 541-8	4.7	62
115	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
114	Gamma interferon produced by antigen-specific CD4+ T cells regulates the mucosal immune responses to Citrobacter rodentium infection. <i>Infection and Immunity</i> , 2010 , 78, 2653-66	3.7	57
113	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
112	Highly sensitive and rapid profiling method for carotenoids and their epoxidized products using supercritical fluid chromatography coupled with electrospray ionization-triple quadrupole mass spectrometry. <i>Journal of Bioscience and Bioengineering</i> , 2012 , 113, 782-7	3.3	52
111	Highly sensitive and selective analysis of widely targeted metabolomics using gas chromatography/triple-quadrupole mass spectrometry. <i>Journal of Bioscience and Bioengineering</i> , 2014 , 117, 122-8	3.3	47
110	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
109	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
108	Anti-CXCL13 antibody can inhibit the formation of gastric lymphoid follicles induced by Helicobacter infection. <i>Mucosal Immunology</i> , 2014 , 7, 1244-54	9.2	41
107	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
106	Pigments in green tea leaves (Camellia sinensis) 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
105	Investigations in the possibility of early detection of colorectal cancer by gas chromatography/triple-quadrupole mass spectrometry. <i>Oncotarget</i> , 2017 , 8, 17115-17126	3.3	41
104	Development of oxidized phosphatidylcholine isomer profiling method using supercritical fluid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1250, 205-11	4.5	40

103	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
102	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
101	Neonatal Fc receptor for IgG (FcRn) expressed in the gastric epithelium regulates bacterial infection in mice. <i>Mucosal Immunology</i> , 2012 , 5, 87-98	9.2	37
100	The CagA protein of <i>Helicobacter pylori</i> suppresses the functions of dendritic cell in mice. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 498, 35-42	4.1	36
99	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
98	Autophagy in the intestinal epithelium regulates <i>Citrobacter rodentium</i> infection. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 521, 95-101	4.1	35
97	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
96	Use of on-line supercritical fluid extraction-supercritical fluid chromatography/tandem mass spectrometry to analyze disease biomarkers in dried serum spots compared with serum analysis using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 886-894	2.2	33
95	Increased Levels of Branched-Chain Amino Acid Associated With Increased Risk of Pancreatic Cancer in a Prospective Case-Control Study of a Large Cohort. <i>Gastroenterology</i> , 2018 , 155, 1474-1482.e13-3	13.3	33
94	Metabolome analysis for discovering biomarkers of gastroenterological cancer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 966, 59-69	3.2	32
93	Serum fatty acid profiling of colorectal cancer by gas chromatography/mass spectrometry. <i>Biomarkers in Medicine</i> , 2011 , 5, 451-60	2.3	32
92	Vitamin K3 attenuates lipopolysaccharide-induced acute lung injury through inhibition of nuclear factor-kappaB activation. <i>Clinical and Experimental Immunology</i> , 2010 , 160, 283-92	6.2	31
91	Inhibitory effects of glycyrrhetic Acid on DNA polymerase and inflammatory activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 650514	2.3	31
90	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
89	Pancreatic cancer screening using a multiplatform human serum metabolomics system. <i>Biomarkers in Medicine</i> , 2016 , 10, 577-86	2.3	31
88	Differences in elongation of very long chain fatty acids and fatty acid metabolism between triple-negative and hormone receptor-positive breast cancer. <i>BMC Cancer</i> , 2017 , 17, 589	4.8	30
87	Whole-genome sequencing of clarithromycin resistant <i>Helicobacter pylori</i> characterizes unidentified variants of multidrug resistant efflux pump genes. <i>Gut Pathogens</i> , 2014 , 6, 27	5.4	30
86	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

85	Claudin-2 regulates colorectal inflammation via myosin light chain kinase-dependent signaling. <i>Digestive Diseases and Sciences</i> , 2013 , 58, 1546-59	4	29
84	Metabolomics evaluation of serum markers for cachexia and their intra-day variation in patients with advanced pancreatic cancer. <i>PLoS ONE</i> , 2014 , 9, e113259	3.7	29
83	Predominant mucosal IL-8 mRNA expression in non-cagA Thais is risk for gastric cancer. <i>World Journal of Gastroenterology</i> , 2013 , 19, 2941-9	5.6	28
82	Identification of highly sensitive biomarkers that can aid the early detection of pancreatic cancer using GC/MS/MS-based targeted metabolomics. <i>Clinica Chimica Acta</i> , 2017 , 468, 98-104	6.2	27
81	Regulation of the metabolite profile by an APC gene mutation in colorectal cancer. <i>Cancer Science</i> , 2012 , 103, 1010-21	6.9	26
80	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
79	Monoacetylcurcumin strongly regulates inflammatory responses through inhibition of NF-kappaB activation. <i>International Journal of Molecular Medicine</i> , 2010 , 25, 761-7	4.4	26
78	Postmortem interval estimation: a novel approach utilizing gas chromatography/mass spectrometry-based biochemical profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3103-12	4.4	25
77	Effects of quinone derivatives, such as 1,4-naphthoquinone, on DNA polymerase inhibition and anti-inflammatory action. <i>Medicinal Chemistry</i> , 2011 , 7, 37-44	1.8	23
76	Differences in metabolite profiles caused by pre-analytical blood processing procedures. <i>Journal of Bioscience and Bioengineering</i> , 2018 , 125, 613-618	3.3	22
75	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
74	Metabolomics for biomarker discovery in gastroenterological cancer. <i>Metabolites</i> , 2014 , 4, 547-71	5.6	20
73	Vitamin K3 attenuates cerulein-induced acute pancreatitis through inhibition of the autophagic pathway. <i>Pancreas</i> , 2011 , 40, 84-94	2.6	20
72	Adrenic acid as an inflammation enhancer in non-alcoholic fatty liver disease. <i>Archives of Biochemistry and Biophysics</i> , 2017 , 623-624, 64-75	4.1	19
71	Linoleoyl ethanolamide reduces lipopolysaccharide-induced inflammation in macrophages and ameliorates 2,4-dinitrofluorobenzene-induced contact dermatitis in mice. <i>European Journal of Pharmacology</i> , 2013 , 699, 6-13	5.3	19
70	Thioesterase superfamily member 2 (Them2) and phosphatidylcholine transfer protein (PC-TP) interact to promote fatty acid oxidation and control glucose utilization. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2396-408	4.8	19
69	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
68	Interferon- β -producing B cells induce the formation of gastric lymphoid follicles after <i>Helicobacter suis</i> infection. <i>Mucosal Immunology</i> , 2015 , 8, 279-95	9.2	18

67	Population Evolution of <i>Helicobacter pylori</i> through Diversification in DNA Methylation and Interstrain Sequence Homogenization. <i>Molecular Biology and Evolution</i> , 2016 , 33, 2848-2859	8.3	18
66	Supercritical fluid extraction as a preparation method for mass spectrometry of dried blood spots. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 969, 199-204	3.2	18
65	A novel gas chromatography mass spectrometry-based serum diagnostic and assessment approach to ulcerative colitis. <i>Journal of Crohn's and Colitis</i> , 2014 , 8, 1010-21	1.5	18
64	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
63	Metabolomics for the early detection of cisplatin-induced nephrotoxicity. <i>Toxicology Research</i> , 2017 , 6, 843-853	2.6	16
62	Metabolomic analysis to discover candidate therapeutic agents against acute pancreatitis. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 522, 107-20	4.1	16
61	Genetic variants of type IV secretion system components CagL and CagI and their association with clinical outcomes. <i>Gut Pathogens</i> , 2017 , 9, 21	5.4	15
60	Alterations in metabolic pathways in gastric epithelial cells infected with <i>Helicobacter pylori</i> . <i>Microbial Pathogenesis</i> , 2018 , 124, 122-129	3.8	15
59	Identification of biomarkers of stent restenosis with serum metabolomic profiling using gas chromatography/mass spectrometry. <i>Circulation Journal</i> , 2012 , 76, 1864-73	2.9	15
58	<i>Helicobacter heilmannii</i> can induce gastric lymphoid follicles in mice via a Peyer's patch-independent pathway. <i>FEMS Immunology and Medical Microbiology</i> , 2010 , 60, 156-64		15
57	Identification of Lipid Species Linked to the Progression of Non-Alcoholic Fatty Liver Disease. <i>Current Drug Targets</i> , 2015 , 16, 1293-300	3	15
56	Metabolomics analysis of umbilical cord blood clarifies changes in saccharides associated with delivery method. <i>Early Human Development</i> , 2013 , 89, 315-20	2.2	14
55	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
54	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
53	Alterations in Docosahexaenoic Acid-Related Lipid Cascades in Inflammatory Bowel Disease Model Mice. <i>Digestive Diseases and Sciences</i> , 2018 , 63, 1485-1496	4	12
52	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
51	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
50	Tumor resistance to ferroptosis driven by Stearoyl-CoA Desaturase-1 (SCD1) in cancer cells and Fatty Acid Binding Protein-4 (FABP4) in tumor microenvironment promote tumor recurrence. <i>Redox Biology</i> , 2021 , 43, 102006	11.3	12

49	Indigo Naturalis Ameliorates Oxazolone-Induced Dermatitis but Aggravates Colitis by Changing the Composition of Gut Microflora. <i>International Archives of Allergy and Immunology</i> , 2017 , 173, 23-33	3.7	11
48	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
47	Metabolomics-based search for therapeutic agents for non-alcoholic steatohepatitis. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 555-556, 55-65	4.1	10
46	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
45	Alterations in metabolic pathways in stomach of mice infected with <i>Helicobacter pylori</i> . <i>Microbial Pathogenesis</i> , 2017 , 109, 78-85	3.8	9
44	Identification of serum biomarkers of chemoradiosensitivity in esophageal cancer via the targeted metabolomics approach. <i>Biomarkers in Medicine</i> , 2018 , 12, 827-840	2.3	9
43	AP1B plays an important role in intestinal tumorigenesis with the truncating mutation of an APC gene. <i>International Journal of Cancer</i> , 2012 , 130, 1011-20	7.5	9
42	Inhibition of repair-related DNA polymerases by vitamin Ks, their related quinone derivatives and associated inflammatory activity (Review). <i>International Journal of Oncology</i> , 2013 , 42, 793-802	4.4	9
41	Inhibitory effects of vitamin K derivatives on DNA polymerase and inflammatory activity. <i>International Journal of Molecular Medicine</i> , 2011 , 28, 937-45	4.4	9
40	IFN- γ plays an essential role in the pathogenesis of gastric lymphoid follicles formation caused by <i>Helicobacter suis</i> infection. <i>FEMS Immunology and Medical Microbiology</i> , 2011 , 63, 25-34		9
39	Profiling of volatile compounds in APC(Min/+) mice blood by dynamic headspace extraction and gas chromatography/mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 1003, 35-40	3.2	8
38	<i>Helicobacter suis</i> KB1 derived from pig gastric lymphoid follicles induces the formation of gastric lymphoid follicles in mice through the activation of B cells and CD4 positive cells. <i>Microbes and Infection</i> , 2011 , 13, 697-708	9.3	8
37	Effects of intermediates between vitamins K(2) and K(3) on mammalian DNA polymerase inhibition and anti-inflammatory activity. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 1115-32	6.3	8
36	Metabolome analysis for pancreatic cancer risk in nested case-control study: Japan Public Health Center-based prospective Study. <i>Cancer Science</i> , 2018 , 109, 1672-1681	6.9	7
35	Rikkunshito Ameliorates Cancer Cachexia Partly through Elevation of Glucarate in Plasma. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 871832	2.3	7
34	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
33	LCMS/MS-based metabolome analysis detected changes in the metabolic profiles of small and large intestinal adenomatous polyps in Apc Min/+ mice. <i>Metabolomics</i> , 2016 , 12, 1	4.7	7
32	Comparison of venous and fingertip plasma using non-targeted proteomics and metabolomics. <i>Talanta</i> , 2019 , 192, 182-188	6.2	7

31	Serum level of octanoic acid predicts the efficacy of chemotherapy for colorectal cancer. <i>Oncology Letters</i> , 2019 , 17, 831-842	2.6	7
30	Astilbin from <i>Engelhardtia chrysolepis</i> enhances intestinal barrier functions in Caco-2 cell monolayers. <i>European Journal of Pharmacology</i> , 2017 , 804, 46-51	5.3	6
29	Metabolomics-based Discovery of Serum Biomarkers to Predict the Side-effects of Neoadjuvant Chemoradiotherapy for Esophageal Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2019 , 39, 519-526	2.3	6
28	Serum apolipoprotein A2 isoforms in autoimmune pancreatitis. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 497, 903-907	3.4	5
27	The influences of pepsin concentrations and pH levels on the disinfective activity of ozone nanobubble water against helicobacter pylori. <i>Digestion</i> , 2014 , 90, 10-7	3.6	5
26	Autophagy in the intestinal epithelium is not involved in the pathogenesis of intestinal tumors. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 421, 768-72	3.4	5
25	Adrenic acid induces oxidative stress in hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 532, 620-625	3.4	5
24	Evaluation of a novel system for analyzing hydrophilic blood metabolites. <i>Journal of Bioscience and Bioengineering</i> , 2017 , 123, 754-759	3.3	4
23	Protective effects of oral administration of yeast thioredoxin against gastric mucosal injury. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014 , 78, 1221-30	2.1	4
22	Exploring a Novel Screening Method for Patients with Oral Squamous Cell Carcinoma: A plasma Metabolomics Analysis. <i>Kobe Journal of Medical Sciences</i> , 2018 , 64, E26-E35	0.6	4
21	Effects of differences in pre-analytical processing on blood protein profiles determined with SWATH-MS. <i>Journal of Proteomics</i> , 2020 , 223, 103824	3.9	4
20	Prospective Study Using Plasma Apolipoprotein A2-Isoforms to Screen for High-Risk Status of Pancreatic Cancer. <i>Cancers</i> , 2020 , 12,	6.6	4
19	Novel serum metabolomics-based approach by gas chromatography/triple quadrupole mass spectrometry for detection of human skin cancers: Candidate biomarkers. <i>Journal of Dermatology</i> , 2017 , 44, 1268-1275	1.6	3
18	Hydroxybutyrate protects hepatocytes against endoplasmic reticulum stress in a sirtuin 1-independent manner. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 663, 220-227	4.1	3
17	Multi-Component Profiling of Trace Volatiles in Blood by Gas Chromatography/Mass Spectrometry with Dynamic Headspace Extraction. <i>Mass Spectrometry</i> , 2015 , 4, A0034	1.7	3
16	Metabolic profiling of oxidized lipid-derived volatiles in blood by gas chromatography/mass spectrometry with in-tube extraction. <i>Mass Spectrometry</i> , 2013 , 2, A0018	1.7	3
15	Serum metabolomic analysis of pancreatic cancer--response. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 1922	4	3
14	GC/MS and LC/MS-based Tissue Metabolomic Analysis Detected Increased Levels of Antioxidant Metabolites in Colorectal Cancer. <i>Kobe Journal of Medical Sciences</i> , 2019 , 65, E19-E27	0.6	3

13	Comparative proteomics of Helicobacter pylori strains reveals geographical features rather than genomic variations. <i>Genes To Cells</i> , 2019 , 24, 139-150	2.3	3
12	Effects of Helicobacter pylori on the glutathione-related pathway in gastric epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 526, 1118-1124	3.4	3
11	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
10	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
9	Effect of a High-Fat Diet on the Small-Intestinal Environment and Mucosal Integrity in the Gut-Liver Axis. <i>Cells</i> , 2021 , 10,	7.9	2
8	A Pilot Study: Effects of Kombu Intake on Lifestyle-related Diseases -Possibility that Kombu Intake is Effective in Individuals with Abnormally High Serum Triglyceride Levels-. <i>Food Science and Technology Research</i> , 2019 , 25, 827-834	0.8	2
7	Possible Involvement of Lipids in the Effectiveness of Kombu in Individuals with Abnormally High Serum Triglyceride Levels. <i>Journal of Nutritional Science and Vitaminology</i> , 2020 , 66, 185-190	1.1	1
6	Anthocyan does not suppress transformation of aryl hydrocarbon receptor induced by dioxin. <i>BioFactors</i> , 2004 , 21, 371-3	6.1	1
5	Possibility of detecting intraductal papillary mucinous neoplasms using metabolite biomarkers for pancreatic cancer. <i>Biomarkers in Medicine</i> , 2020 , 14, 1009-1020	2.3	1
4	Inositol Derivatives Stimulate Glucose Transport in Muscle Cells 2008 , 217-222		1
3	Itraconazole Inhibits Intracellular Cholesterol Trafficking and Decreases Phosphatidylserine Level in Cervical Cancer Cells. <i>Anticancer Research</i> , 2021 , 41, 5477-5480	2.3	0
2	Anti-inflammatory Lipid Mediators Derived from ω -6 and ω -3 Polyunsaturated Fatty Acids as a Treatment Option for IBD. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2011 , 10, 66-71	2	
1	Detection of Novel Amino Acid Polymorphisms in the East Asian CagA of Helicobacter Pylori with Full Sequencing Data. <i>Kobe Journal of Medical Sciences</i> , 2020 , 66, E22-E31	0.6	