List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Kinetics of heat-induced interactions among whey proteins and casein micelles in sheep skim milk and aggregation of the casein micelles. Journal of Dairy Science, 2022, 105, 3871-3882.	3.4	16
2	"Nourish to Flourish― complementary feeding for a healthy infant gut microbiome—a non-randomised pilot feasibility study. Pilot and Feasibility Studies, 2022, 8, 103.	1.2	1
3	Dissecting the relationship between plasma and tissue metabolome in a cohort of women with obesity: Analysis of subcutaneous and visceral adipose, muscle, and liver. FASEB Journal, 2022, 36, .	0.5	2
4	Adaptation of the infant gut microbiome during the complementary feeding transition. PLoS ONE, 2022, 17, e0270213.	2.5	5
5	NexGen Sequencing Data: Bioinformatic Tools for Visualization and Analysis. , 2021, , 47-90.		0
6	A multivariate snapshot of New Zealand milk seasonality in individual cows. International Dairy Journal, 2021, 114, 104940.	3.0	4
7	A protocol combining breath testing and ex vivo fermentations to study the human gut microbiome. STAR Protocols, 2021, 2, 100227.	1.2	0
8	Untargeted metabolomics reveals plasma metabolites predictive of ectopic fat in pancreas and liver as assessed by magnetic resonance imaging: the TOFI_Asia study. International Journal of Obesity, 2021, 45, 1844-1854.	3.4	10
9	The Brassica napus (oilseed rape) seeds bioactive health effects are modulated by agronomical traits as assessed by a multi-scale omics approach in the metabolically impaired ob-mouse. Food Chemistry Molecular Sciences, 2021, 2, 100011.	2.1	3
10	Dynamic In Vitro Gastric Digestion of Sheep Milk: Influence of Homogenization and Heat Treatment. Foods, 2021, 10, 1938.	4.3	10
11	Concentrations of Fecal Bile Acids in Participants with Functional Gut Disorders and Healthy Controls. Metabolites, 2021, 11, 612.	2.9	12
12	Route of administration affects the efficacy of moxidectin against Ostertagiinae nematodes in farmed red deer (Cervus elaphus). Veterinary Parasitology, 2021, 298, 109525.	1.8	4
13	Mass Spectrometry-Based Metabolomic and Lipidomic Analysis of the Effect of High Fat/High Sugar Diet and GreenshellTM Mussel Feeding on Plasma of Ovariectomized Rats. Metabolites, 2021, 11, 754.	2.9	7
14	Condensed Tannins in White Clover (Trifolium repens) Foliar Tissues Expressing the Transcription Factor TaMYB14-1 Bind to Forage Protein and Reduce Ammonia and Methane Emissions in vitro. Frontiers in Plant Science, 2021, 12, 777354.	3.6	17
15	Elevation of Condensed Tannins in the Leaves of Ta-MYB14-1 White Clover (<i>Trifolium repens</i> L.) Outcrossed with High Anthocyanin Lines. Journal of Agricultural and Food Chemistry, 2020, 68, 2927-2939.	5.2	7
16	Human milk and infant formula differentially alters the microbiota composition and functional gene relative abundance in the small and large intestines in weanling rats. European Journal of Nutrition, 2020, 59, 2131-2143.	3.9	7
17	Gut Microbial Metabolites and Biochemical Pathways Involved in Irritable Bowel Syndrome: Effects of Diet and Nutrition on the Microbiome. Journal of Nutrition, 2020, 150, 1012-1021.	2.9	22
18	Connecting Infant Complementary Feeding Patterns with Microbiome Development. Current Developments in Nutrition, 2020, 4, nzaa054_106.	0.3	0

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19	Association of Habitual Dietary Fiber Intake and Fecal Microbiome Gene Abundance with Gastrointestinal Symptoms in an Irritable Bowel Syndrome Cohort. Current Developments in Nutrition, 2020, 4, nzaa062_038.	0.3	0
20	Postprandial One-Carbon Metabolite Responses Are Dependent on Meal Composition and Age: A Comparison Between Older and Younger Adults. Current Developments in Nutrition, 2020, 4, nzaa067_016.	0.3	1
21	Cohort Profile: The Christchurch IBS cOhort to investigate Mechanisms FOr gut Relief and improved Transit (COMFORT). Inflammatory Intestinal Diseases, 2020, 5, 132-143.	1.9	7
22	Metabolomic signatures for visceral adiposity and dysglycaemia in Asian Chinese and Caucasian European adults: the cross-sectional TOFI_Asia study. Nutrition and Metabolism, 2020, 17, 95.	3.0	7
23	Plasma Biomarkers and Identification of Resilient Metabolic Disruptions in Patients With Venous Thromboembolism Using a Metabolic Systems Approach. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2527-2538.	2.4	21
24	Infant Feeding Frequency Impacts Human Milk Composition: A Metabolomic Analysis. Current Developments in Nutrition, 2020, 4, nzaa054_058.	0.3	0
25	Mo1339 RELATIVE ABUNDANCES OF MICROBIAL GENES INVOLVED IN GALACTOSE AND PORPHYRIN METABOLISM ARE ALTERED IN DIARRHEA-PREDOMINANT FUNCTIONAL GASTROINTESTINAL DISORDERS. Gastroenterology, 2020, 158, S-856.	1.3	0
26	Effects of short- and long-term glucocorticoid-induced osteoporosis on plasma metabolome and lipidome of ovariectomized sheep. BMC Musculoskeletal Disorders, 2020, 21, 349.	1.9	11
27	The effects of carbohydrate structure on the composition and functionality of the human gut microbiota. Trends in Food Science and Technology, 2020, 97, 233-248.	15.1	75
28	Omics analysis reveals variations among commercial sources of bovine milk fat globule membrane. Journal of Dairy Science, 2020, 103, 3002-3016.	3.4	40
29	The impact of genetics and environment on the polar fraction metabolome of commercial <i>Brassica napus</i> seeds: a multi-site study. Seed Science Research, 2019, 29, 167-178.	1.7	4
30	Glycan Utilisation and Function in the Microbiome of Weaning Infants. Microorganisms, 2019, 7, 190.	3.6	13
31	Tissue-Specific Sample Dilution: An Important Parameter to Optimise Prior to Untargeted LC-MS Metabolomics. Metabolites, 2019, 9, 124.	2.9	15
32	Low Energy Diet-induced and Bariatric Surgery-induced Weight Loss Decreases Branched-chain and Aromatic Amino Acids in Plasma and Tissue (P21-078-19). Current Developments in Nutrition, 2019, 3, nzz041.P21-078-19.	0.3	1
33	Su1576 – Metabolomic Profiling of Subjects with Functional Gastrointestinal Disorders: A Case/Control Study in New Zealand Reveals Significant Perturbations in Plasma Lipid and Metabolite Levels. Gastroenterology, 2019, 156, S-569-S-570.	1.3	2
34	Lipidomics of Brain Tissues in Rats Fed Human Milk from Chinese Mothers or Commercial Infant Formula. Metabolites, 2019, 9, 253.	2.9	20
35	1104 – Integrated Multi-Omics Analysis of the Faecal Microbiome and Plasma Lipidome from a New Zealand Irritable Bowel Syndrome Case/Control Study. Gastroenterology, 2019, 156, S-235-S-236.	1.3	0
36	Su1577 – Understanding the Role of Bile Acids in Irritable Bowel Syndrome. Gastroenterology, 2019, 156, S-570.	1.3	0

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37	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. Scientific Reports, 2019, 9, 14026.	3.3	23
38	The Microbiome in Functional Gastrointestinal Disorders Is Characterized by Bacteria and Genes Involved in Carbohydrate and Bile Acid Metabolism (OR23-01-19). Current Developments in Nutrition, 2019, 3, nzz040.OR23-01-19.	0.3	0
39	Lipid and Metabolite Profiles in Human Plasma and Associations with the Microbiome and Functional Gastrointestinal Disorders (P20-033-19). Current Developments in Nutrition, 2019, 3, nzz040.P20-033-19.	0.3	0
40	Understanding How Metabolites Link Diet, Host, and Microbiota in a Dysfunctional Gut Model Is Important to Establishing a System-wide Understanding of Gut Function (P20-035-19). Current Developments in Nutrition, 2019, 3, nzz040.P20-035-19.	0.3	0
41	The COMFORT Cohort: Identifying Biomarkers Relevant to Functional Gastrointestinal Disorders (P20-039-19). Current Developments in Nutrition, 2019, 3, nzz040.P20-039-19.	0.3	1
42	1099 – The Microbiome in Irritable Bowel Syndrome: Insights from a Case/Control Study in New Zealand Reveals Significant Differences in Faecalibacterium, Bilophila, and Genes Involved in Carbohydrate and Amino Acid Metabolism. Gastroenterology, 2019, 156, S-234.	1.3	0
43	Untargeted metabolic profiling of dogs with a suspected toxic mitochondrial myopathy using liquid chromatography-mass spectrometry. Toxicon, 2019, 166, 46-55.	1.6	1
44	Effect of a Tailored Dietary Intervention with High or Standard Protein Intake on B-Vitamin and One Carbon Metabolism Status in Healthy Older Males: A 10 Week Randomised Controlled Trial. Proceedings (mdpi), 2019, 8, .	0.2	0
45	Effect of a Tailored Dietary Intervention with High or Standard Protein Intake on B-Vitamin and One Carbon Metabolism Status in Healthy Older Males: A 10 Week Randomised Controlled Trial. Proceedings (mdpi), 2019, 8, 36.	0.2	0
46	A large-scale metabolomics study to harness chemical diversity and explore biochemical mechanisms in ryegrass. Communications Biology, 2019, 2, 87.	4.4	14
47	Infant Complementary Feeding of Prebiotics for the Microbiome and Immunity. Nutrients, 2019, 11, 364.	4.1	25
48	Regular Consumption of Either Red Meat or Soy Protein Does Not Raise Cardiovascular Disease Risk Factors in Men at Heightened Risk. Proceedings (mdpi), 2019, 37, .	0.2	0
49	Impact of a High Protein Intake on the Plasma Metabolome in Elderly Males: 10 Week Randomized Dietary Intervention. Frontiers in Nutrition, 2019, 6, 180.	3.7	7
50	Distribution of fatty acids and phospholipids in different table cuts and co-products from New Zealand pasture-fed Wagyu-dairy cross beef cattle. Meat Science, 2018, 140, 26-37.	5.5	24
51	Serum metabolomics using ultra performance liquid chromatography coupled to mass spectrometry in lactating dairy cows following a single dose of sporidesmin. Metabolomics, 2018, 14, 61.	3.0	5
52	Glucocorticoids affect bone mineral density and bone remodelling in OVX sheep: A pilot study. Bone Reports, 2018, 9, 173-180.	0.4	8
53	Digestive Responses to Fortified Cow or Goat Dairy Drinks: A Randomised Controlled Trial. Nutrients, 2018, 10, 1492.	4.1	14
54	Effect of narrow-leaved plantain cultivar on development of two geometrid pests,Scopula rubrariaandEpyaxa rosearia. New Zealand Journal of Agricultural Research, 2018, 61, 403-413.	1.6	0

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55	A combination of lipidomics, MS imaging, and PET scan imaging reveals differences in cerebral activity in rat pups according to the lipid quality of infant formulas. FASEB Journal, 2018, 32, 4776-4790.	0.5	18
56	Association of Plasma Lipids and Polar Metabolites with Low Bone Mineral Density in Singaporean-Chinese Menopausal Women: A Pilot Study. International Journal of Environmental Research and Public Health, 2018, 15, 1045.	2.6	33
57	Low pyrrolizidine alkaloid levels in perennial ryegrass is associated with the absence of a homospermidine synthase gene. BMC Plant Biology, 2018, 18, 56.	3.6	6
58	Identifying biomarkers relevant to functional gastrointestinal disorders using a systems biology approach. FASEB Journal, 2018, 32, 759.7.	0.5	1
59	Exploring the link between Irritable Bowel Syndrome and the microbiome. FASEB Journal, 2018, 32, 765.4.	0.5	0
60	Gastroparesis and lipid metabolism-associated dysbiosis in Wistar-Kyoto rats. American Journal of Physiology - Renal Physiology, 2017, 313, G62-G72.	3.4	25
61	Untargeted Metabotyping Lolium perenne Reveals Population-Level Variation in Plant Flavonoids and Alkaloids. Frontiers in Plant Science, 2017, 8, 133.	3.6	15
62	Metabolic changes and associated cytokinin signals in response to nitrate assimilation in roots and shoots of <i>Lolium perenne</i> . Physiologia Plantarum, 2016, 156, 497-511.	5.2	17
63	Digestive-resistant carbohydrates affect lipid metabolism in rats. Metabolomics, 2016, 12, 1.	3.0	6
64	The efficacy and plasma profiles of abamectin plus levamisole combination anthelmintics administered as oral and pourâ€on formulations to cattle. Veterinary Parasitology, 2016, 227, 85-92.	1.8	28
65	Characterization of Proanthocyanidins from Seeds of Perennial Ryegrass (<i>Lolium perenne</i> L.) and Tall Fescue (<i>Festuca arundinacea</i>) by Liquid Chromatography–Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2016, 64, 6676-6684.	5.2	21
66	A hydrophilic interaction liquid chromatography–mass spectrometry (HILIC–MS) based metabolomics study on colour stability of ovine meat. Meat Science, 2016, 117, 163-172.	5.5	58
67	Selection for anthelmintic resistant Teladorsagia circumcincta in pre-weaned lambs by treating their dams with long-acting moxidectinÂinjection. International Journal for Parasitology: Drugs and Drug Resistance, 2015, 5, 209-214.	3.4	14
68	A novel family of cyclic oligopeptides derived from ribosomal peptide synthesis of an in planta-induced gene, gigA, in Epichloë endophytes of grasses. Fungal Genetics and Biology, 2015, 85, 14-24.	2.1	54
69	Impacts of endophyte infection of ryegrass on rhizosphere metabolome and microbial community. Crop and Pasture Science, 2015, 66, 1049.	1.5	7
70	Predicting retention time in hydrophilic interaction liquid chromatography mass spectrometry and its use for peak annotation in metabolomics. Metabolomics, 2015, 11, 696-706.	3.0	78
71	Using non-targeted direct analysis in real time-mass spectrometry (DART-MS) to discriminate seeds based on endogenous or exogenous chemicals. Analytical and Bioanalytical Chemistry, 2015, 407, 8047-8058.	3.7	4
72	Non-targeted analysis by LC–MS of major metabolite changes during the oolong tea manufacturing in New Zealand. Food Chemistry, 2014, 151, 394-403.	8.2	59

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73	Reduced efficacy of moxidectin and abamectin in young red deer (Cervus elaphus) after 20 years of moxidectin pour-on use on a New Zealand deer farm. Veterinary Parasitology, 2014, 199, 81-92.	1.8	21
74	Analysis of Low Molecular Weight Metabolites in Tea Using Mass Spectrometry-Based Analytical Methods. Critical Reviews in Food Science and Nutrition, 2014, 54, 924-937.	10.3	20
75	Analysis of metabolic markers of tea origin by UHPLC and high resolution mass spectrometry. Food Research International, 2013, 53, 827-835.	6.2	51
76	Monitoring tea fermentation/manufacturing by direct analysis in real time (DART) mass spectrometry. Food Chemistry, 2013, 141, 2060-2065.	8.2	33
77	An Extracellular Siderophore Is Required to Maintain the Mutualistic Interaction of Epichloë festucae with Lolium perenne. PLoS Pathogens, 2013, 9, e1003332.	4.7	89
78	Computational Analyses of Spectral Trees from Electrospray Multi-Stage Mass Spectrometry to Aid Metabolite Identification. Metabolites, 2013, 3, 1036-1050.	2.9	16
79	Automated high through-put analysis of fractions generated during the isolation of natural products. New Zealand Journal of Agricultural Research, 2012, 55, 15-20.	1.6	1
80	Expression of the R2R3-MYB Transcription Factor TaMYB14 from <i>Trifolium arvense</i> Activates Proanthocyanidin Biosynthesis in the Legumes <i>Trifolium repens</i> and <i>Medicago sativa</i> Â Â Â. Plant Physiology, 2012, 159, 1204-1220.	4.8	111
81	Expression and functional characterization of a white clover isoflavone synthase in tobacco. Annals of Botany, 2012, 110, 1291-1301.	2.9	14
82	HPLC–MS/MS profiling of proanthocyanidins in teas: A comparative study. Journal of Food Composition and Analysis, 2012, 26, 43-51.	3.9	31
83	Functional analysis of an indoleâ€diterpene gene cluster for lolitrem B biosynthesis in the grass endosymbiont <i>Epichloë festucae</i> . FEBS Letters, 2012, 586, 2563-2569.	2.8	64
84	Non-targeted analysis of tea by hydrophilic interaction liquid chromatography and high resolution mass spectrometry. Food Chemistry, 2012, 134, 1616-1623.	8.2	46
85	Identification of extracellular siderophores and a related peptide from the endophytic fungus Epichloë festucae in culture and endophyte-infected Lolium perenne. Phytochemistry, 2012, 75, 128-139.	2.9	42
86	Condensed Tannins and Flavonoids from the Forage Legume Sulla (Hedysarum coronarium). Journal of Agricultural and Food Chemistry, 2011, 59, 9402-9409.	5.2	28
87	The Use of Genomics and Metabolomics Methods to Quantify Fungal Endosymbionts and Alkaloids in Grasses. Methods in Molecular Biology, 2011, 860, 213-226.	0.9	28
88	Competition between foliar Neotyphodium lolii endophytes and mycorrhizal Glomus spp. fungi in Lolium perenne depends on resource supply and host carbohydrate content. Functional Ecology, 2011, 25, 910-920.	3.6	102
89	Analysis of high-molecular-weight fructan polymers in crude plant extracts by high-resolution LC-MS. Analytical and Bioanalytical Chemistry, 2011, 401, 2955-2963.	3.7	23
90	ldentification of Urinary Biomarkers of Colon Inflammation in IL10 ^{-/-} Mice Using Short-Column LCMS Metabolomics. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-12.	3.0	19

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91	A reverse-phase liquid chromatography/mass spectrometry method for the analysis of high-molecular-weight fructooligosaccharides. Analytical Biochemistry, 2009, 395, 113-115.	2.4	26
92	E/Z-Thesinine-O-4′-α-rhamnoside, pyrrolizidine conjugates produced by grasses (Poaceae). Phytochemistry, 2008, 69, 1927-1932.	2.9	27
93	Metabolic Profiles of <i>Lolium perenne</i> Are Differentially Affected by Nitrogen Supply, Carbohydrate Content, and Fungal Endophyte Infection Â. Plant Physiology, 2008, 146, 1440-1453.	4.8	160
94	Skatole and indole concentration and the odour of fat from lambs that had grazed perennial ryegrass/white clover pasture or Lotus corniculatus. Animal Feed Science and Technology, 2007, 138, 254-271.	2.2	36
95	The effect of supplementation of a white clover or perennial ryegrass diet with grape seed extract on indole and skatole metabolism and the sensory characteristics of lamb. Journal of the Science of Food and Agriculture, 2007, 87, 1030-1041.	3.5	20
96	Peramine and other fungal alkaloids are exuded in the guttation fluid of endophyte-infected grasses. Phytochemistry, 2007, 68, 355-360.	2.9	101
97	High-throughput direct-infusion ion trap mass spectrometry: a new method for metabolomics. Rapid Communications in Mass Spectrometry, 2007, 21, 421-428.	1.5	79
98	Isolation and Characterisation of Procyanidins fromRumex obtusifolius. Phytochemical Analysis, 2007, 18, 193-203.	2.4	22
99	Changes in composition and quality characteristics of ovine meat and fat from castrates and rams aged to 2 years. New Zealand Journal of Agricultural Research, 2006, 49, 419-430.	1.6	40
100	Variation of Proanthocyanidins in Lotus Species. Journal of Chemical Ecology, 2006, 32, 1797-1816.	1.8	42
101	The effects of condensed tannins from Dorycnium rectum on skatole and indole ruminal biogenesis for grazing sheep. Australian Journal of Agricultural Research, 2005, 56, 1331.	1.5	27
102	Variation in antimicrobial action of proanthocyanidins from Dorycnium rectum against rumen bacteria. Phytochemistry, 2004, 65, 2485-2497.	2.9	60
103	Floral Procyanidins of the Forage Legume Red Clover (Trifolium pratense L.). Journal of Agricultural and Food Chemistry, 2004, 52, 1581-1585.	5.2	19
104	Characterization of condensed tannins from Lotus species by thiolytic degradation and electrospray mass spectrometry. Animal Feed Science and Technology, 2004, 117, 151-163.	2.2	50
105	Polyethylene glycol increases intestinal absorption and hepatic uptake of indole and skatole in sheep fed sulla. Journal of Animal and Feed Sciences, 2004, 13, 339-342.	1.1	10
106	Pastoral and species flavour in lambs raised on pasture, lucerne or maize. Journal of the Science of Food and Agriculture, 2003, 83, 93-104.	3.5	138
107	Biochemical Outcome of Blocking the Ergot Alkaloid Pathway of a Grass Endophyte. Journal of Agricultural and Food Chemistry, 2003, 51, 6429-6437.	5.2	53
108	A comparison of phenol and indole flavour compounds in fat, and of phenols in urine of cattle fed pasture or grain. New Zealand Journal of Agricultural Research, 1999, 42, 289-296.	1.6	28