

Raylene A Reimer

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

11,962
citations

53939

47
h-index

34195

103
g-index

192
all docs

192
docs citations

192
times ranked

14725
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of maternal obesity and prebiotic supplementation on select maternal milk microRNA levels and correlation with offspring outcomes. <i>British Journal of Nutrition</i> , 2022, 127, 335-343.	1.2	5
2	Effects of a 12-week HIIT+group mediated cognitive behavioural intervention on quality of life among inactive adults with coeliac disease: findings from the pilot MOVE-C study. <i>Psychology and Health</i> , 2022, 37, 440-456.	1.2	7
3	Physical Activity in Patients With Inflammatory Bowel Disease: A Narrative Review. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1100-1111.	0.9	7
4	Sleep and the gut microbiota in preschool-aged children. <i>Sleep</i> , 2022, 45, .	0.6	12
5	Effect of supplementation with select human milk oligosaccharides on artificially reared newborn rats. <i>British Journal of Nutrition</i> , 2022, 128, 1906-1916.	1.2	1
6	Dietary fiber combinations to mitigate the metabolic, microbial, and cognitive imbalances resulting from diet-induced obesity in rats. <i>FASEB Journal</i> , 2022, 36, e22269.	0.2	4
7	The Chemo-Gut Pilot Study: Associations between Gut Microbiota, Gastrointestinal Symptoms, and Psychosocial Health Outcomes in a Cross-Sectional Sample of Young Adult Cancer Survivors. <i>Current Oncology</i> , 2022, 29, 2973-2994.	0.9	11
8	Addition of Prebiotics to the Ketogenic Diet Improves Metabolic Profile but Does Not Affect Seizures in a Rodent Model of Infantile Spasms Syndrome. <i>Nutrients</i> , 2022, 14, 2210.	1.7	1
9	Exercise and Prebiotic Fiber Provide Gut Microbiota-Driven Benefit in a Survivor to Germ-Free Mouse Translational Model of Breast Cancer. <i>Cancers</i> , 2022, 14, 2722.	1.7	7
10	Prebiotic and Exercise Do Not Alter Knee Osteoarthritis in a Rat Model of Established Obesity. <i>Cartilage</i> , 2021, 13, 1456S-1466S.	1.4	12
11	Effect of a functional fibre supplement on glycemic control when added to a year-long medically supervised weight management program in adults with type 2 diabetes. <i>European Journal of Nutrition</i> , 2021, 60, 1237-1251.	1.8	15
12	Mild obesity does not affect the forearm muscle microvascular responses to hyperglycemia. <i>Microcirculation</i> , 2021, 28, e12669.	1.0	1
13	Paternal Methyl Donor Supplementation in Rats Improves Fertility, Physiological Outcomes, Gut Microbial Signatures and Epigenetic Markers Altered by High Fat/High Sucrose Diet. <i>International Journal of Molecular Sciences</i> , 2021, 22, 689.	1.8	8
14	Dietary patterns, food groups and nutrients in Crohn's disease: associations with gut and systemic inflammation. <i>Scientific Reports</i> , 2021, 11, 1674.	1.6	11
15	Concurrent Prebiotic Intake Reverses Insulin Resistance Induced by Early-Life Pulsed Antibiotic in Rats. <i>Biomedicines</i> , 2021, 9, 66.	1.4	5
16	Influence of iron manipulation on hypoxic pulmonary vasoconstriction and pulmonary reactivity during ascent and acclimatization to 5050Åm. <i>Journal of Physiology</i> , 2021, 599, 1685-1708.	1.3	17
17	Obesity, Early Life Gut Microbiota, and Antibiotics. <i>Microorganisms</i> , 2021, 9, 413.	1.6	30
18	Microbiota Changes in Fathers Consuming a High Prebiotic Fiber Diet Have Minimal Effects on Male and Female Offspring in Rats. <i>Nutrients</i> , 2021, 13, 820.	1.7	5

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19	Feasibility and effects on the gut microbiota of a 12-week high-intensity interval training plus lifestyle education intervention on inactive adults with celiac disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 325-336.	0.9	15
20	Effect of a prebiotic supplement on knee joint function, gut microbiota, and inflammation in adults with co-morbid obesity and knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 255.	0.7	7
21	The Effects of Human Milk Oligosaccharide Supplementation During Critical Periods of Development on the Mesolimbic Dopamine System. <i>Neuroscience</i> , 2021, 459, 166-178.	1.1	7
22	Dieting for Success: What Baseline Gut Microbiota Can Tell You About Your Chances of Losing Weight. <i>Gastroenterology</i> , 2021, 160, 1933-1935.	0.6	2
23	Contractility of permeabilized rat vastus intermedius muscle fibres following high-fat, high-sucrose diet consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1389-1399.	0.9	2
24	Prebiotic, Probiotic, and Synbiotic Consumption Alter Behavioral Variables and Intestinal Permeability and Microbiota in BTBR Mice. <i>Microorganisms</i> , 2021, 9, 1833.	1.6	17
25	Paternal high protein diet modulates body composition, insulin sensitivity, epigenetics, and gut microbiota intergenerationally in rats. <i>FASEB Journal</i> , 2021, 35, e21847.	0.2	13
26	Cesarean birth increases offspring obesity risk dependent on maternal diet and obesity status in rats. <i>Obesity</i> , 2021, 29, 1664-1675.	1.5	2
27	Influence of antibiotics given during labour and birth on body mass index z scores in children in the All Our Families pregnancy cohort. <i>Pediatric Obesity</i> , 2021, , e12847.	1.4	1
28	High-fat diet increases the severity of Giardia infection in association with low-grade inflammation and gut microbiota dysbiosis. <i>Scientific Reports</i> , 2021, 11, 18842.	1.6	9
29	A ketogenic diet affects brain volume and metabolome in juvenile mice. <i>NeuroImage</i> , 2021, 244, 118542.	2.1	10
30	Moderate aerobic exercise, but not dietary prebiotic fibre, attenuates losses to mechanical property integrity of tail tendons in a rat model of diet-induced obesity. <i>Journal of Biomechanics</i> , 2021, 129, 110798.	0.9	3
31	The Use of Prebiotic and Probiotic Interventions for Treating Gastrointestinal and Psychosocial Health Symptoms in Cancer Patients and Survivors: A Systematic Review. <i>Integrative Cancer Therapies</i> , 2021, 20, 153473542110617.	0.8	10
32	A Metagenomics Investigation of Intergenerational Effects of Non-nutritive Sweeteners on Gut Microbiome. <i>Frontiers in Nutrition</i> , 2021, 8, 795848.	1.6	13
33	The Importance of Physical Activity in Patients With Inflammatory Bowel Disease: A Narrative Review. <i>Inflammatory Bowel Diseases</i> , 2021, , .	0.9	1
34	Gut microbiota and obesity: Impact of antibiotics and prebiotics and potential for musculoskeletal health. <i>Journal of Sport and Health Science</i> , 2020, 9, 110-118.	3.3	20
35	Impact of age on host responses to diet-induced obesity: Development of joint damage and metabolic set points. <i>Journal of Sport and Health Science</i> , 2020, 9, 132-139.	3.3	11
36	Exercise and Dairy Protein have Distinct Effects on Indices of Liver and Systemic Lipid Metabolism. <i>Obesity</i> , 2020, 28, 97-105.	1.5	8

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37	Impaired Hypothalamic Microglial Activation in Offspring of Antibiotic-Treated Pregnant/Lactating Rats Is Attenuated by Prebiotic Oligofructose Co-Administration. <i>Microorganisms</i> , 2020, 8, 1085.	1.6	6
38	The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of synbiotics. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 687-701.	8.2	826
39	Caffeine-Containing Energy Shots Cause Acute Impaired Glucoregulation in Adolescents. <i>Nutrients</i> , 2020, 12, 3850.	1.7	7
40	The Gut Microbiota: A Potential Gateway to Improved Health Outcomes in Breast Cancer Treatment and Survivorship. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9239.	1.8	29
41	Dietary Vitamin B6 Deficiency Impairs Gut Microbiota and Host and Microbial Metabolites in Rats. <i>Biomedicines</i> , 2020, 8, 469.	1.4	30
42	Human Milk Oligosaccharide Supplementation Affects Intestinal Barrier Function and Microbial Composition in the Gastrointestinal Tract of Young Sprague Dawley Rats. <i>Nutrients</i> , 2020, 12, 1532.	1.7	23
43	Maternal low-dose aspartame and stevia consumption with an obesogenic diet alters metabolism, gut microbiota and mesolimbic reward system in rat dams and their offspring. <i>Gut</i> , 2020, 69, 1807-1817.	6.1	55
44	Prebiotic Oligofructose Prevents Antibiotic-Induced Obesity Risk and Improves Metabolic and Gut Microbiota Profiles in Rat Dams and Offspring. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2000288.	1.5	15
45	A Diversified Dietary Pattern Is Associated With a Balanced Gut Microbial Composition of Faecalibacterium and Escherichia/Shigella in Patients With Crohn's Disease in Remission. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1547-1557.	0.6	43
46	Effect of chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1286-1296.	2.2	47
47	Cross-sectional analysis of the health profile and dietary intake of a sample of Canadian adults diagnosed with non-alcoholic fatty liver disease. <i>Food and Nutrition Research</i> , 2020, 64, .	1.2	5
48	Understanding the Initiation and Progression of Diet-Induced Obesity and Associated Pathophysiology: Lessons Learned from a Rat Model. , 2020, , 117-133.		0
49	Histological improvement of non-alcoholic steatohepatitis with a prebiotic: a pilot clinical trial. <i>European Journal of Nutrition</i> , 2019, 58, 1735-1745.	1.8	88
50	A 12-Week Pilot Exercise Program for Inactive Adults With Celiac Disease: Study Protocol. <i>Global Advances in Health and Medicine</i> , 2019, 8, 216495611985377.	0.7	11
51	Effect of Prebiotic on Microbiota, Intestinal Permeability, and Glycemic Control in Children With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4427-4440.	1.8	96
52	Distinct Gut Microbiota and Serum Metabolites in Response to Weight Loss Induced by Either Dairy or Exercise in a Rodent Model of Obesity. <i>Journal of Proteome Research</i> , 2019, 18, 3867-3875.	1.8	12
53	The behavioural and pathophysiological effects of the ketogenic diet on mild traumatic brain injury in adolescent rats. <i>Behavioural Brain Research</i> , 2019, 376, 112225.	1.2	26
54	Metabolic consequences of discretionary fortified beverage consumption containing excessive vitamin B levels in adolescents. <i>PLoS ONE</i> , 2019, 14, e0209913.	1.1	8

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55	Establishing outcome measures in early knee osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2019, 15, 438-448.	3.5	88
56	Low-Dose Stevia (Rebaudioside A) Consumption Perturbs Gut Microbiota and the Mesolimbic Dopamine Reward System. <i>Nutrients</i> , 2019, 11, 1248.	1.7	49
57	Protective effect of prebiotic and exercise intervention on knee health in a rat model of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 3893.	1.6	95
58	The mechanical and biochemical properties of tail tendon in a rat model of obesity: Effect of moderate exercise and prebiotic fibre supplementation. <i>Journal of Biomechanics</i> , 2019, 88, 148-154.	0.9	6
59	The chemo-gut study: investigating the long-term effects of chemotherapy on gut microbiota, metabolic, immune, psychological and cognitive parameters in young adult Cancer survivors; study protocol. <i>BMC Cancer</i> , 2019, 19, 1243.	1.1	44
60	Impact of dietary fiber supplementation on modulating microbiota-host metabolic axes in obesity. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 228-236.	1.9	88
61	Maternal prebiotic supplementation reduces fatty liver development in offspring through altered microbial and metabolomic profiles in rats. <i>FASEB Journal</i> , 2019, 33, 5153-5167.	0.2	39
62	Establishing the role of diet in the microbiota-disease axis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 86-87.	8.2	26
63	Effects of Western Diet on Giardiasis: A Role for Fatty Acids and Gut Microbiota in the Persistence and Severity of Giardia Infections. <i>FASEB Journal</i> , 2019, 33, 38.3.	0.2	1
64	Neutralization of IL-15 abrogates experimental immune-mediated cholangitis in diet-induced obese mice. <i>Scientific Reports</i> , 2018, 8, 3127.	1.6	12
65	Prevalence of comorbid conditions pre-existing and diagnosed at a tertiary care pediatric weight management clinic. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 385-390.	0.4	12
66	Immune response in highly active young men to the 2014/2015 seasonal influenza vaccine. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 769-774.	0.9	4
67	Near-infrared spectroscopy can detect differences in vascular responsiveness to a hyperglycaemic challenge in individuals with obesity compared to normal-weight individuals. <i>Diabetes and Vascular Disease Research</i> , 2018, 15, 55-63.	0.9	15
68	Diet-induced obesity leads to pro-inflammatory alterations to the vitreous humour of the eye in a rat model. <i>Inflammation Research</i> , 2018, 67, 139-146.	1.6	17
69	Potential Impact of Metabolic and Gut Microbial Response to Pregnancy and Lactation in Lean and Diet-Induced Obese Rats on Offspring Obesity Risk. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700820.	1.5	24
70	Cross-Sectional Analysis of Overall Dietary Intake and Mediterranean Dietary Pattern in Patients with Crohn's Disease. <i>Nutrients</i> , 2018, 10, 1761.	1.7	61
71	Impact of Food Ingredients (Aspartame, Stevia, Prebiotic Oligofructose) on Fertility and Reproductive Outcomes in Obese Rats. <i>Obesity</i> , 2018, 26, 1692-1695.	1.5	7
72	Comparison of Glucose and Satiety Hormone Response to Oral Glucose vs. Two Mixed-Nutrient Meals in Rats. <i>Frontiers in Nutrition</i> , 2018, 5, 89.	1.6	4

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73	Association of Metabolic Markers with self-reported osteoarthritis among middle-aged BMI-defined non-obese individuals: a cross-sectional study. <i>BMC Obesity</i> , 2018, 5, 23.	3.1	7
74	Obesity, Metabolic Syndrome, and Musculoskeletal Disease: Common Inflammatory Pathways Suggest a Central Role for Loss of Muscle Integrity. <i>Frontiers in Physiology</i> , 2018, 9, 112.	1.3	182
75	Fitness Level and Not Aging per se, Determines the Oxygen Uptake Kinetics Response. <i>Frontiers in Physiology</i> , 2018, 9, 277.	1.3	24
76	High-fat/high-sucrose diet-induced obesity results in joint-specific development of osteoarthritis-like degeneration in a rat model. <i>Bone and Joint Research</i> , 2018, 7, 274-281.	1.3	40
77	Artificially Sweetened Vitamin Drink Consumption Reduces Insulin Sensitivity and Alters Oneâ€™Carbon, Bâ€™vitamin Dependent Metabolism in Adolescents. <i>FASEB Journal</i> , 2018, 32, 767.8.	0.2	0
78	Independent but Synergistic Effects of Dairy and Exercise Training on Gut Microbiota, Serum Metabolomics and Weight Gain Attenuation in Obese Rats. <i>FASEB Journal</i> , 2018, 32, 855.29.	0.2	0
79	Consuming yellow pea fiber reduces voluntary energy intake and body fat in overweight/obese adults in a 12-week randomized controlled trial. <i>Clinical Nutrition</i> , 2017, 36, 126-133.	2.3	48
80	Prebiotics as a modulator of gut microbiota in paediatric obesity. <i>Pediatric Obesity</i> , 2017, 12, 265-273.	1.4	27
81	Higher Fat Mass Is Associated With a History of Knee Injury in Youth Sport. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 80-87.	1.7	49
82	Changes in vascular responsiveness during a hyperglycemia challenge measured by near-infrared spectroscopy vascular occlusion test. <i>Microvascular Research</i> , 2017, 111, 67-71.	1.1	28
83	Prebiotic supplementation improves appetite control in children with overweight and obesity: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 790-799.	2.2	97
84	Oligofructose decreases serum lipopolysaccharide and plasminogen activator inhibitorâ€1 in adults with overweight/obesity. <i>Obesity</i> , 2017, 25, 510-513.	1.5	59
85	Dietary Intake and Associated Body Weight in Canadian Undergraduate Students Enrolled in Nutrition Education. <i>Ecology of Food and Nutrition</i> , 2017, 56, 205-217.	0.8	7
86	Prebiotics Reduce Body Fat and Alter Intestinal Microbiota in Children Who Are Overweight or With Obesity. <i>Gastroenterology</i> , 2017, 153, 711-722.	0.6	358
87	Expert consensus document: The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of prebiotics. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 491-502.	8.2	3,192
88	Metabolic inflexibility in individuals with obesity assessed by near-infrared spectroscopy. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 502-509.	0.9	8
89	Inulinâ€type fructans and whey protein both modulate appetite but only fructans alter gut microbiota in adults with overweight/obesity: A randomized controlled trial. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700484.	1.5	91
90	Dairy Attenuates Weight Gain to a Similar Extent as Exercise in Rats Fed a Highâ€Fat, Highâ€Sugar Diet. <i>Obesity</i> , 2017, 25, 1707-1715.	1.5	10

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91	Acute and chronic changes in rat soleus muscle after high-fat high-sucrose diet. <i>Physiological Reports</i> , 2017, 5, e13270.	0.7	23
92	Preconception Probiotic and Sitagliptin Treatment in Obese Rats Affects Pregnancy Outcomes and Offspring Microbiota, Adiposity, and Glycemia. <i>Frontiers in Endocrinology</i> , 2017, 8, 301.	1.5	17
93	Impact of Diet Composition in Adult Offspring is Dependent on Maternal Diet during Pregnancy and Lactation in Rats. <i>Nutrients</i> , 2016, 8, 46.	1.7	7
94	Improvement in adiposity with oligofructose is modified by antibiotics in obese rats. <i>FASEB Journal</i> , 2016, 30, 2720-2732.	0.2	30
95	Reshaping the gut microbiota: Impact of low calorie sweeteners and the link to insulin resistance?. <i>Physiology and Behavior</i> , 2016, 164, 488-493.	1.0	102
96	Ketogenic diet modifies the gut microbiota in a murine model of autism spectrum disorder. <i>Molecular Autism</i> , 2016, 7, 37.	2.6	204
97	Reduced knee adduction moments for management of knee osteoarthritis. <i>Gait and Posture</i> , 2016, 50, 60-68.	0.6	16
98	Oligofructose as an adjunct in treatment of diabetes in NOD mice. <i>Scientific Reports</i> , 2016, 6, 37627.	1.6	19
99	Effect of probiotic intake on gut microbiota, intestinal permeability and glycemic control in children with type 1 diabetes: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 347.	0.7	40
100	A High-Fat High-Sucrose Diet Rapidly Alters Muscle Integrity, Inflammation and Gut Microbiota in Male Rats. <i>Scientific Reports</i> , 2016, 6, 37278.	1.6	85
101	Diet-induced changes in maternal gut microbiota and metabolomic profiles influence programming of offspring obesity risk in rats. <i>Scientific Reports</i> , 2016, 6, 20683.	1.6	175
102	Patient-reported outcomes, body composition, and nutrition status in patients with head and neck cancer: Results from an exploratory randomized controlled exercise trial. <i>Cancer</i> , 2016, 122, 1185-1200.	2.0	89
103	High-fat high-sucrose diet leads to dynamic structural and inflammatory alterations in the rat vastus lateralis muscle. <i>Journal of Orthopaedic Research</i> , 2016, 34, 2069-2078.	1.2	36
104	Response to diet-induced obesity produces time-dependent induction and progression of metabolic osteoarthritis in rat knees. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1010-1018.	1.2	41
105	Metabolomic Modeling To Monitor Host Responsiveness to Gut Microbiota Manipulation in the BTBR ^{T+tf/j</sup> Mouse. <i>Journal of Proteome Research</i>, 2016, 15, 1143-1150.}	1.8	43
106	Postnatal probiotic fibre intake mitigates some detrimental metabolic outcomes of early overnutrition in rats. <i>European Journal of Nutrition</i> , 2016, 55, 2399-2409.	4.6	32
107	Kupffer Cells Undergo Fundamental Changes during the Development of Experimental NASH and Are Critical in Initiating Liver Damage and Inflammation. <i>PLoS ONE</i> , 2016, 11, e0159524.	1.1	117
108	Gut microbiota manipulation with probiotics in patients with non-alcoholic fatty liver disease: a randomized controlled trial protocol. <i>BMC Gastroenterology</i> , 2015, 15, 169.	0.8	59

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109	Milk Collection in the Rat Using Capillary Tubes and Estimation of Milk Fat Content by Creamatocrit. <i>Journal of Visualized Experiments</i> , 2015, , e53476.	0.2	11
110	Prevention of Diet-Induced Obesity Effects on Body Weight and Gut Microbiota in Mice Treated Chronically with δ^9 -Tetrahydrocannabinol. <i>PLoS ONE</i> , 2015, 10, e0144270.	1.1	104
111	Using diet-induced obesity to understand a metabolic subtype of osteoarthritis in rats. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 957-965.	0.6	65
112	Interactive effects of oligofructose and obesity predisposition on gut hormones and microbiota in diet-induced obese rats. <i>Obesity</i> , 2015, 23, 769-778.	1.5	57
113	Exercise training modifies gut microbiota in normal and diabetic mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 749-752.	0.9	162
114	Relationship between inflammation, the gut microbiota, and metabolic osteoarthritis development: studies in a rat model. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1989-1998.	0.6	179
115	Effect of Prebiotic Fiber-Induced Changes in Gut Microbiota on Adiposity in Obese and Overweight Children. <i>FASEB Journal</i> , 2015, 29, 276.6.	0.2	2
116	Prebiotic Fiber Consumption Decreases Energy Intake in Overweight and Obese Children. <i>FASEB Journal</i> , 2015, 29, 597.3.	0.2	2
117	Effect of the Novel Polysaccharide PolyGlycopleX [®] on Short-Chain Fatty Acid Production in a Computer-Controlled in Vitro Model of the Human Large Intestine. <i>Nutrients</i> , 2014, 6, 1115-1127.	1.7	25
118	Serum uric acid level, blood pressure, and vascular angiotensin II responsiveness in healthy men and women. <i>Physiological Reports</i> , 2014, 2, e12235.	0.7	14
119	SORT1 Protective Allele Is Associated With Attenuated Postprandial. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 576-582.	5.1	7
120	Chronic coffee consumption in the diet-induced obese rat: impact on gut microbiota and serum metabolomics. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 489-495.	1.9	120
121	Combined effects of oligofructose and <i>Bifidobacterium animalis</i> on gut microbiota and glycemia in obese rats. <i>Obesity</i> , 2014, 22, 763-771.	1.5	124
122	Long-term intake of a high prebiotic fiber diet but not high protein reduces metabolic risk after a high fat challenge and uniquely alters gut microbiota and hepatic gene expression. <i>Nutrition Research</i> , 2014, 34, 789-796.	1.3	27
123	Yellow pea fiber improves glycemia and reduces <i>Clostridium leptum</i> in diet-induced obese rats. <i>Nutrition Research</i> , 2014, 34, 714-722.	1.3	36
124	Combining sitagliptin/metformin with a functional fiber delays diabetes progression in Zucker rats. <i>Journal of Endocrinology</i> , 2014, 220, 361-373.	1.2	27
125	Postnatal Prebiotic Fiber Intake in Offspring Exposed to Gestational Protein Restriction Has Sex-Specific Effects on Insulin Resistance and Intestinal Permeability in Rats. <i>Journal of Nutrition</i> , 2014, 144, 1556-1563.	1.3	11
126	Evaluation of yellow pea fibre supplementation on weight loss and the gut microbiota: a randomized controlled trial. <i>BMC Gastroenterology</i> , 2014, 14, 69.	0.8	11

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127	Maternal high-protein or high-prebiotic-fiber diets affect maternal milk composition and gut microbiota in rat dams and their offspring. <i>Obesity</i> , 2014, 22, 2344-2351.	1.5	41
128	Low-Dose Aspartame Consumption Differentially Affects Gut Microbiota-Host Metabolic Interactions in the Diet-Induced Obese Rat. <i>PLoS ONE</i> , 2014, 9, e109841.	1.1	240
129	Exercise training modifies gut bacterial composition in normal and diabetic mice (LB434). <i>FASEB Journal</i> , 2014, 28, LB434.	0.2	1
130	Diet Induced Obesity Leads To Disparate Cytokine And Adipokine Concentrations In Synovial Fluid In Rats. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 363.	0.2	0
131	Effect of a dairy- and calcium-rich diet on weight loss and appetite during energy restriction in overweight and obese adults: a randomized trial. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 371-376.	1.3	76
132	Dietary leucine improves whole-body insulin sensitivity independent of body fat in diet-induced obese Sprague-Dawley rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1285-1294.	1.9	37
133	A maternal high-protein diet predisposes female offspring to increased fat mass in adulthood whereas a prebiotic fibre diet decreases fat mass in rats. <i>British Journal of Nutrition</i> , 2013, 110, 1732-1741.	1.2	34
134	Changes in Visceral Adiposity and Serum Cholesterol with a Novel Viscous Polysaccharide in Japanese Adults with Abdominal Obesity. <i>Obesity</i> , 2013, 21, E379-87.	1.5	25
135	Meal replacements and fibre supplement as a strategy for weight loss. Proprietary PGX [®] meal replacement and PGX [®] fibre supplement in addition to a calorie-restricted diet to achieve weight loss in a clinical setting. <i>Biotechnology and Genetic Engineering Reviews</i> , 2013, 29, 221-229.	2.4	8
136	Eating Patterns and Composition of Meals and Snacks in Elite Canadian Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2013, 23, 210-219.	1.0	31
137	Prebiotic fiber diet does not improve offspring "leaky gut" from maternal low protein diet. <i>FASEB Journal</i> , 2013, 27, 1058.2.	0.2	0
138	Adding prebiotic fiber to a maternal high fat, sucrose diet during pregnancy and lactation reduces offspring body fat in Sprague-Dawley rats. <i>FASEB Journal</i> , 2013, 27, 111.7.	0.2	0
139	Determining the gut microbiota-independent effects of prebiotic fiber in diet-induced obese rats. <i>FASEB Journal</i> , 2013, 27, 1056.6.	0.2	0
140	Prebiotic Fiber Increases Hepatic Acetyl CoA Carboxylase Phosphorylation and Suppresses Glucose-Dependent Insulinotropic Polypeptide Secretion More Effectively When Used with Metformin in Obese Rats. <i>Journal of Nutrition</i> , 2012, 142, 213-220.	1.3	61
141	Prebiotic fiber modulation of the gut microbiota improves risk factors for obesity and the metabolic syndrome. <i>Gut Microbes</i> , 2012, 3, 29-34.	4.3	151
142	Sitagliptin Reduces Hyperglycemia and Increases Satiety Hormone Secretion More Effectively When Used with a Novel Polysaccharide in Obese Zucker Rats. <i>Journal of Nutrition</i> , 2012, 142, 1812-1820.	1.3	18
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