

Edward S Chambers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/992595/publications.pdf>

Version: 2024-02-01

48
papers

4,888
citations

201674

27
h-index

243625

44
g-index

49
all docs

49
docs citations

49
times ranked

6873
citing authors

#	ARTICLE	IF	CITATIONS
1	The acute effect of fasted exercise on energy intake, energy expenditure, subjective hunger and gastrointestinal hormone release compared to fed exercise in healthy individuals: a systematic review and network meta-analysis. <i>International Journal of Obesity</i> , 2022, 46, 255-268.	3.4	8
2	The effects of SCFAs on glycemic control in humans: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 335-361.	4.7	15
3	The Effect of a Single Bout of Continuous Aerobic Exercise on Glucose, Insulin and Glucagon Concentrations Compared to Resting Conditions in Healthy Adults: A Systematic Review, Meta-Analysis and Meta-Regression. <i>Sports Medicine</i> , 2021, 51, 1949-1966.	6.5	16
4	UK Nutrition Research Partnership (NRP) workshop: Improving our understanding of the metabolic interplay between nutrition and physical activity (INACT). <i>Nutrition Bulletin</i> , 2021, 46, 350-353.	1.8	1
5	Higher dietary fibre intake is associated with increased skeletal muscle mass and strength in adults aged 40 years and older. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 2134-2144.	7.3	34
6	Mechanisms Linking the Gut-Muscle Axis With Muscle Protein Metabolism and Anabolic Resistance: Implications for Older Adults at Risk of Sarcopenia. <i>Frontiers in Physiology</i> , 2021, 12, 770455.	2.8	39
7	Odd Chain Fatty Acids Are Not Robust Biomarkers for Dietary Intake of Fiber. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100316.	3.3	0
8	Effect of semolina pudding prepared from starch branching enzyme IIa and b mutant wheat on glycaemic response in vitro and in vivo: a randomised controlled pilot study. <i>Food and Function</i> , 2020, 11, 617-627.	4.6	15
9	Moderate intensity exercise training combined with inulin-propionate ester supplementation increases whole body resting fat oxidation in overweight women. <i>Metabolism: Clinical and Experimental</i> , 2020, 104, 154043.	3.4	10
10	Design and Characterisation of a Randomized Food Intervention That Mimics Exposure to a Typical UK Diet to Provide Urine Samples for Identification and Validation of Metabolite Biomarkers of Food Intake. <i>Frontiers in Nutrition</i> , 2020, 7, 561010.	3.7	4
11	A natural mutation in <i>Pisum sativum</i> L. (pea) alters starch assembly and improves glucose homeostasis in humans. <i>Nature Food</i> , 2020, 1, 693-704.	14.0	37
12	Short-chain fatty acids as potential regulators of skeletal muscle metabolism and function. <i>Nature Metabolism</i> , 2020, 2, 840-848.	11.9	194
13	Effects of mycoprotein on glycaemic control and energy intake in humans: a systematic review. <i>British Journal of Nutrition</i> , 2020, 123, 1321-1332.	2.3	23
14	The effects of dietary supplementation with inulin and inulin-propionate ester on hepatic steatosis in adults with non-alcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 372-376.	4.4	73
15	Intakes and Food Sources of Dietary Fibre and Their Associations with Measures of Body Composition and Inflammation in UK Adults: Cross-Sectional Analysis of the Airwave Health Monitoring Study. <i>Nutrients</i> , 2019, 11, 1839.	4.1	21
16	Spot and Cumulative Urine Samples Are Suitable Replacements for 24-Hour Urine Collections for Objective Measures of Dietary Exposure in Adults Using Metabolite Biomarkers. <i>Journal of Nutrition</i> , 2019, 149, 1692-1700.	2.9	31
17	Developing a Food Exposure and Urine Sampling Strategy for Dietary Exposure Biomarker Validation in Free-Living Individuals. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900062.	3.3	19
18	Effects of Inulin Propionate Ester Incorporated into Palatable Food Products on Appetite and Resting Energy Expenditure: A Randomised Crossover Study. <i>Nutrients</i> , 2019, 11, 861.	4.1	25

#	ARTICLE	IF	CITATIONS
19	Gut-derived short-chain fatty acids: A friend or foe for hepatic lipid metabolism?. Nutrition Bulletin, 2019, 44, 154-159.	1.8	5
20	Dietary supplementation with inulin-propionate ester or inulin improves insulin sensitivity in adults with overweight and obesity with distinct effects on the gut microbiota, plasma metabolome and systemic inflammatory responses: a randomised cross-over trial. Gut, 2019, 68, 1430-1438.	12.1	235
21	Carbohydrate and human health: is it all about quality?. Lancet, The, 2019, 393, 384-386.	13.7	19
22	A study protocol for a randomised crossover study evaluating the effect of diets differing in carbohydrate quality on ileal content and appetite regulation in healthy humans. F1000Research, 2019, 8, 258.	1.6	5
23	Regulation of energy expenditure and substrate oxidation by short-chain fatty acids. Journal of Endocrinology, 2019, 242, R1-R8.	2.6	31
24	Acute oral sodium propionate supplementation raises resting energy expenditure and lipid oxidation in fasted humans. Diabetes, Obesity and Metabolism, 2018, 20, 1034-1039.	4.4	80
25	Role of Gut Microbiota-Generated Short-Chain Fatty Acids in Metabolic and Cardiovascular Health. Current Nutrition Reports, 2018, 7, 198-206.	4.3	425
26	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. Lancet Diabetes and Endocrinology, the, 2017, 5, 184-195.	11.4	194
27	The diet-derived short chain fatty acid propionate improves beta-cell function in humans and stimulates insulin secretion from human islets in vitro. Diabetes, Obesity and Metabolism, 2017, 19, 257-265.	4.4	186
28	Mycoprotein reduces energy intake and postprandial insulin release without altering glucagon-like peptide-1 and peptide tyrosine-tyrosine concentrations in healthy overweight and obese adults: a randomised-controlled trial. British Journal of Nutrition, 2016, 116, 360-374.	2.3	58
29	Increased colonic propionate reduces anticipatory reward responses in the human striatum to high-energy foods. American Journal of Clinical Nutrition, 2016, 104, 5-14.	4.7	145
30	An Analytical Pipeline for Quantitative Characterization of Dietary Intake: Application To Assess Grape Intake. Journal of Agricultural and Food Chemistry, 2016, 64, 2423-2431.	5.2	48
31	Randomised clinical study: inulin short-chain fatty acid esters for targeted delivery of short-chain fatty acids to the human colon. Alimentary Pharmacology and Therapeutics, 2016, 44, 662-672.	3.7	37
32	Glucagon increases energy expenditure independently of brown adipose tissue activation in humans. Diabetes, Obesity and Metabolism, 2016, 18, 72-81.	4.4	118
33	Identifying crop variants with high resistant starch content to maintain healthy glucose homeostasis. Nutrition Bulletin, 2016, 41, 372-377.	1.8	6
34	A novel dietary strategy to increase colonic propionate production in humans and improve appetite regulation and bodyweight management. Nutrition Bulletin, 2015, 40, 227-230.	1.8	1
35	Control of appetite and energy intake by SCFA: what are the potential underlying mechanisms?. Proceedings of the Nutrition Society, 2015, 74, 328-336.	1.0	216
36	Circulating Pancreatic Polypeptide Concentrations Predict Visceral and Liver Fat Content. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1048-1052.	3.6	16

#	ARTICLE	IF	CITATIONS
37	The role of short chain fatty acids in appetite regulation and energy homeostasis. <i>International Journal of Obesity</i> , 2015, 39, 1331-1338.	3.4	468
38	Maximal fat oxidation during exercise is positively associated with 24-hour fat oxidation and insulin sensitivity in young, healthy men. <i>Journal of Applied Physiology</i> , 2015, 118, 1415-1422.	2.5	67
39	Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. <i>Gut</i> , 2015, 64, 1744-1754.	12.1	950
40	Increased Colonic Propionate Reduces Anticipatory Food Reward Responses in the Human Striatum. <i>FASEB Journal</i> , 2015, 29, 385.8.	0.5	0
41	The effects of high-intensity exercise on neural responses to images of food. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 258-267.	4.7	53
42	Coinfusion of Low-Dose GLP-1 and Glucagon in Man Results in a Reduction in Food Intake. <i>Diabetes</i> , 2014, 63, 3711-3720.	0.6	119
43	Coadministration of Glucagon-Like Peptide-1 During Glucagon Infusion in Humans Results in Increased Energy Expenditure and Amelioration of Hyperglycemia. <i>Diabetes</i> , 2013, 62, 1131-1138.	0.6	182
44	Pharmacokinetics, adverse effects and tolerability of a novel analogue of human pancreatic polypeptide, PP 1420. <i>British Journal of Clinical Pharmacology</i> , 2012, 73, 232-239.	2.4	30
45	Oral carbohydrate sensing and exercise performance. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 447-451.	2.5	101
46	Carbohydrate sensing in the human mouth: effects on exercise performance and brain activity. <i>Journal of Physiology</i> , 2009, 587, 1779-1794.	2.9	438
47	The effect of feeding frequency on insulin and ghrelin responses in human subjects. <i>British Journal of Nutrition</i> , 2008, 100, 810-819.	2.3	58
48	A study protocol for a randomised crossover study evaluating the effect of diets differing in carbohydrate quality on ileal content and appetite regulation in healthy humans. <i>F1000Research</i> , 0, 8, 258.	1.6	0