

Audrey C Tierney

List of Publications by Citations

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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.

75
papers

1,687
citations

23
h-index

39
g-index

82
ext. papers

2,079
ext. citations

4
avg, IF

4.68
L-index

#	Paper	IF	Citations
75	Monounsaturated fatty acid-enriched high-fat diets impede adipose NLRP3 inflammasome-mediated IL-1 β secretion and insulin resistance despite obesity. <i>Diabetes</i> , 2015 , 64, 2116-28	6.9	182
74	Effects of dietary fat modification on insulin sensitivity and on other risk factors of the metabolic syndrome--LIPGENE: a European randomized dietary intervention study. <i>International Journal of Obesity</i> , 2011 , 35, 800-9	5.5	152
73	Serum vitamin D concentration does not predict insulin action or secretion in European subjects with the metabolic syndrome. <i>Diabetes Care</i> , 2010 , 33, 923-5	14.6	77
72	Gene-nutrient interactions in the metabolic syndrome: single nucleotide polymorphisms in ADIPOQ and ADIPOR1 interact with plasma saturated fatty acids to modulate insulin resistance. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 794-801	7	67
71	Obesity and body fat classification in the metabolic syndrome: impact on cardiometabolic risk metabotype. <i>Obesity</i> , 2013 , 21, E154-61	8	66
70	Prevalence of Underprescription or Overprescription of Energy Needs in Critically Ill Mechanically Ventilated Adults as Determined by Indirect Calorimetry: A Systematic Literature Review. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016 , 40, 212-25	4.2	65
69	LIPGENE food-exchange model for alteration of dietary fat quantity and quality in free-living participants from eight European countries. <i>British Journal of Nutrition</i> , 2009 , 101, 750-9	3.6	62
68	The effect of high-polyphenol extra virgin olive oil on cardiovascular risk factors: A systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 2772-2795	11.5	59
67	Targeted Full Energy and Protein Delivery in Critically Ill Patients: A Pilot Randomized Controlled Trial (FEED Trial). <i>Journal of Parenteral and Enteral Nutrition</i> , 2018 , 42, 1252-1262	4.2	56
66	A randomised controlled trial of a Mediterranean Dietary Intervention for Adults with Non Alcoholic Fatty Liver Disease (MEDINA): study protocol. <i>BMC Gastroenterology</i> , 2016 , 16, 14	3	55
65	Practical Dietary Recommendations for the Prevention and Management of Nonalcoholic Fatty Liver Disease in Adults. <i>Advances in Nutrition</i> , 2018 , 9, 30-40	10	46
64	The potential role of olive oil-derived MUFA in insulin sensitivity. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 1235-48	5.9	44
63	Insulin resistance determines a differential response to changes in dietary fat modification on metabolic syndrome risk factors: the LIPGENE study. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1509-17	7	40
62	Randomization to 6-month Mediterranean diet compared with a low-fat diet leads to improvement in Dietary Inflammatory Index scores in patients with coronary heart disease: the AUSMED Heart Trial. <i>Nutrition Research</i> , 2018 , 55, 94-107	4	40
61	Effect of resveratrol supplementation on cognitive performance and mood in adults: a systematic literature review and meta-analysis of randomized controlled trials. <i>Nutrition Reviews</i> , 2018 , 76, 432-443	6.4	40
60	Effect of probiotics on respiratory, gastrointestinal and nutritional outcomes in patients with cystic fibrosis: A systematic review. <i>Journal of Cystic Fibrosis</i> , 2017 , 16, 186-197	4.1	40
59	A low-fat high-carbohydrate diet supplemented with long-chain n-3 PUFA reduces the risk of the metabolic syndrome. <i>Atherosclerosis</i> , 2011 , 218, 443-50	3.1	39

58	Effects of dietary fat modification on oxidative stress and inflammatory markers in the LIPGENE study. <i>British Journal of Nutrition</i> , 2010 , 104, 1357-62	3.6	33
57	Improvement in exercise duration, lung function and well-being in G551D-cystic fibrosis patients: a double-blind, placebo-controlled, randomized, cross-over study with ivacaftor treatment. <i>Clinical Science</i> , 2017 , 131, 2037-2045	6.5	30
56	A Mediterranean Diet Model in Australia: Strategies for Translating the Traditional Mediterranean Diet into a Multicultural Setting. <i>Nutrients</i> , 2018 , 10,	6.7	30
55	Transcriptomic coordination in the human metabolic network reveals links between n-3 fat intake, adipose tissue gene expression and metabolic health. <i>PLoS Computational Biology</i> , 2011 , 7, e1002223	5	30
54	Improvement in dietary inflammatory index score after 6-month dietary intervention is associated with reduction in interleukin-6 in patients with coronary heart disease: The AUSMED heart trial. <i>Nutrition Research</i> , 2018 , 55, 108-121	4	28
53	APOE genotype influences insulin resistance, apolipoprotein CII and CIII according to plasma fatty acid profile in the Metabolic Syndrome. <i>Scientific Reports</i> , 2017 , 7, 6274	4.9	25
52	Association of Energy and Protein Delivery on Skeletal Muscle Mass Changes in Critically Ill Adults: A Systematic Review. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018 , 42, 1112-1122	4.2	22
51	Quinoa Seed Lowers Serum Triglycerides in Overweight and Obese Subjects: A Dose-Response Randomized Controlled Clinical Trial. <i>Current Developments in Nutrition</i> , 2017 , 1, e001321	0.4	22
50	Gene-nutrient interactions in the metabolic syndrome. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2008 , 1, 136-51		21
49	Mediterranean-type diets and inflammatory markers in patients with coronary heart disease: a systematic review and meta-analysis. <i>Nutrition Research</i> , 2018 , 50, 10-24	4	20
48	A behavioural nutrition intervention for obese pregnant women: Effects on diet quality, weight gain and the incidence of gestational diabetes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2016 , 56, 364-73	1.7	19
47	The AUStralian MEDiterranean Diet Heart Trial (AUSMED Heart Trial): A randomized clinical trial in secondary prevention of coronary heart disease in a multiethnic Australian population: Study protocol. <i>American Heart Journal</i> , 2018 , 203, 4-11	4.9	17
46	Transcriptional metabolic inflexibility in skeletal muscle among individuals with increasing insulin resistance. <i>Obesity</i> , 2011 , 19, 2158-66	8	16
45	Dietary fat modifications and blood pressure in subjects with the metabolic syndrome in the LIPGENE dietary intervention study. <i>British Journal of Nutrition</i> , 2010 , 104, 160-3	3.6	16
44	Impact of dietary fat quantity and quality on skeletal muscle fatty acid metabolism in subjects with the metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 1554-65	12.7	15
43	The prevalence of malnutrition and impact on patient outcomes among older adults presenting at an Irish emergency department: a secondary analysis of the OPTI-MEND trial. <i>BMC Geriatrics</i> , 2020 , 20, 455	4.1	14
42	Lipoprotein profile, plasma ischemia modified albumin and LDL density change in the course of postprandial lipemia. Insights from the LIPGENE study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010 , 70, 201-8	2	14
41	Validity of multi-frequency bioelectric impedance methods to measure body composition in obese patients: a systematic review. <i>International Journal of Obesity</i> , 2019 , 43, 1497-1507	5.5	14

40	The effect of the plasma n-3/n-6 polyunsaturated fatty acid ratio on the dietary LDL phenotype transformation - insights from the LIPGENE study. <i>Clinical Nutrition</i> , 2009 , 28, 510-5	5.9	11
39	Australian patients with coronary heart disease achieve high adherence to 6-month Mediterranean diet intervention: preliminary results of the AUSMED Heart Trial. <i>Nutrition</i> , 2019 , 61, 21-31	4.8	11
38	Sarcopenia, Diet, Physical Activity and Obesity in European Middle-Aged and Older Adults: The LifeAge Study. <i>Nutrients</i> , 2020 , 13,	6.7	11
37	Comparison of Ultrasound-Derived Muscle Thickness With Computed Tomography Muscle Cross-Sectional Area on Admission to the Intensive Care Unit: A Pilot Cross-Sectional Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 136-145	4.2	10
36	Ad libitum Mediterranean diet reduces subcutaneous but not visceral fat in patients with coronary heart disease: A randomised controlled pilot study. <i>Clinical Nutrition ESPEN</i> , 2019 , 32, 61-69	1.3	9
35	Measured Energy Expenditure Compared With Best-Practice Recommendations for Obese, Critically Ill Patients-A Prospective Observational Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020 , 44, 1144-1149	4.2	7
34	Obesity and Body Fat Classification in the Metabolic Syndrome: Impact on Cardiometabolic Risk Metabotype. <i>Obesity</i> , 2012 ,	8	7
33	Effects of dietary fat on insulin secretion in subjects with the metabolic syndrome. <i>European Journal of Endocrinology</i> , 2019 , 180, 321-328	6.5	7
32	Effect of Dietary and Supplemental Lycopene on Cardiovascular Risk Factors: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2020 , 11, 1453-1488	10	7
31	Changing the Irish dietary guidelines to incorporate the principles of the Mediterranean diet: proposing the MedIre diet. <i>Public Health Nutrition</i> , 2018 , 1-7	3.3	7
30	How does muscularity assessed by bedside methods compare to computed tomography muscle area at intensive care unit admission? A pilot prospective cross-sectional study. <i>Journal of Human Nutrition and Dietetics</i> , 2021 , 34, 345-355	3.1	7
29	The effects of diet and lifestyle interventions on insulin resistance in patients with nonalcoholic fatty liver disease: a systematic review. <i>European Journal of Gastroenterology and Hepatology</i> , 2017 , 29, 867-878	2.2	6
28	Myosteatorsis predicts higher complications and reduced overall survival following radical oesophageal and gastric cancer surgery. <i>European Journal of Surgical Oncology</i> , 2021 , 47, 2295-2303	3.6	6
27	Serum zonulin measured by enzyme-linked immunosorbent assay may not be a reliable marker of small intestinal permeability in healthy adults. <i>Nutrition Research</i> , 2020 , 78, 82-92	4	5
26	Impact of a lifestyle modification program on the metabolic syndrome and associated risk factors in long-term survivors of stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2016 , 51, 722-4	4.4	5
25	Effect of dietary intervention, with or without co-interventions, on inflammatory markers in patients with nonalcoholic fatty liver disease: a systematic literature review. <i>Nutrition Reviews</i> , 2019 , 77, 765-786	6.4	5
24	What Is the Optimal Dietary Composition for NAFLD?. <i>Current Hepatology Reports</i> , 2017 , 16, 346-355	1	5
23	Diet and Cardiovascular Disease: The Mediterranean Diet 2019 , 267-288		4

22	Targeted full energy and protein delivery in critically ill patients: a study protocol for a pilot randomised control trial (FEED Trial). <i>Pilot and Feasibility Studies</i> , 2018 , 4, 52	1.9	4
21	Insulin receptor substrate-2 gene variants in subjects with metabolic syndrome: association with plasma monounsaturated and n-3 polyunsaturated fatty acid levels and insulin resistance. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 309-15	5.9	4
20	Factors that influence dietary intake in adults with stable chronic obstructive pulmonary disease. <i>Nutrition and Dietetics</i> , 2016 , 73, 455-462	2.5	4
19	Non-alcoholic fatty liver disease patients attending two metropolitan hospitals in Melbourne, Australia: high risk status and low prevalence. <i>Internal Medicine Journal</i> , 2018 , 48, 1369-1376	1.6	4
18	Substantial inter-individual variations in insulin secretion and sensitivity across the glucometabolic spectrum. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020 , 80, 282-290	2	3
17	Steps Ahead: optimising physical activity and health in people with cystic fibrosis: Study Protocol for a pilot randomised trial. <i>HRB Open Research</i> , 2020 , 3, 21	1.2	3
16	Body composition and weight changes after ivacaftor treatment in adults with cystic fibrosis carrying the G551 D cystic fibrosis transmembrane conductance regulator mutation: A double-blind, placebo-controlled, randomized, crossover study with open-label extension. <i>Nutrition</i> , 2021 , 85, 111124	4.8	3
15	Marked losses of computed tomography-derived skeletal muscle area and density over the first month of a critical illness are not associated with energy and protein delivery. <i>Nutrition</i> , 2021 , 82, 111061	4.8	3
14	Impact of a Mediterranean Diet on Hepatic and Metabolic outcomes in Non-Alcoholic Fatty Liver Disease: The MEDINA Randomised Controlled Trial.. <i>Liver International</i> , 2022 ,	7.9	3
13	Dietary Interventions with or without Omega-3 Supplementation for the Management of Rheumatoid Arthritis: A Systematic Review. <i>Nutrients</i> , 2021 , 13,	6.7	2
12	The impact of COVID-19 on clinical research: the PIPRA and MEDRA experience. <i>HRB Open Research</i> , 2021 , 4, 55	1.2	2
11	Does the use of mobile applications or mobile health technology improve diet quality in adults? A protocol for a systematic literature review. <i>HRB Open Research</i> , 2021 , 5, 1	1.2	1
10	Dietary interventions with or without omega-3 supplementation for the management of rheumatoid arthritis: a systematic review protocol. <i>HRB Open Research</i> , 2020 , 3, 72	1.2	1
9	Accuracy of the ActivPAL and Fitbit Charge 2 in measuring step count in Cystic Fibrosis. <i>Physiotherapy Theory and Practice</i> , 2021 , 1-11	1.5	1
8	The Cardio-Med survey tool: development and pilot validation of a FFQ in a multicultural cardiology cohort. <i>Public Health Nutrition</i> , 2020 , 23, 2303-2313	3.3	0
7	Steps Ahead: optimising physical activity in adults with cystic fibrosis: Study Protocol for a pilot randomised trial using wearable technology. <i>HRB Open Research</i> , 2020 , 3, 21	1.2	0
6	Steps Ahead: optimising physical activity in adults with cystic fibrosis: Study Protocol for a pilot randomised trial using wearable technology, goal setting and text message feedback.. <i>HRB Open Research</i> , 2020 , 3, 21	1.2	0
5	Injury risk profile of amateur Irish women soccer players and players' opinions on risk factors and prevention strategies. <i>Physical Therapy in Sport</i> , 2021 , 50, 184-194	3	0

4	A randomised controlled trial of a Mediterranean Dietary Intervention for Adults with Rheumatoid Arthritis (MEDRA): Study protocol. <i>Contemporary Clinical Trials Communications</i> , 2022 , 100919	1.8	o
3	The Influence of the Australian Dietary Guidelines on Culinary Textbooks Used in Education over the Last 30 Years. <i>Journal of Culinary Science and Technology</i> , 2018 , 16, 194-208	0.8	
2	RapidInfo4U: An online individualised COVID-19 support intervention for nursing and allied health professionals: study protocol. <i>HRB Open Research</i> , 4, 8	1.2	
1	Diet quality in cystic fibrosis: Associations with patient reported outcome measures and enablers and barriers to eating a healthy diet: A protocol paper for a mixed methods study. <i>HRB Open Research</i> , 5, 33	1.2	