

Kieron B Rooney

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

7,952
citations

186265

28
h-index

56724

83
g-index

101
all docs

101
docs citations

101
times ranked

10500
citing authors

#	ARTICLE	IF	CITATIONS
1	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. PLoS Biology, 2020, 18, e3000410.	5.6	2,209
2	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. Experimental Physiology, 2020, 105, 1459-1466.	2.0	1,300
3	Reporting animal research: Explanation and elaboration for the ARRIVE guidelines 2.0. PLoS Biology, 2020, 18, e3000411.	5.6	1,069
4	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research*. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1769-1777.	4.3	546
5	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. British Journal of Pharmacology, 2020, 177, 3617-3624.	5.4	326
6	The ARRIVE guidelines 2.0: updated guidelines for reporting animal research. Journal of Physiology, 2020, 598, 3793-3801.	2.9	177
7	A systematic review on animal models of maternal high fat feeding and offspring glycaemic control. International Journal of Obesity, 2011, 35, 325-335.	3.4	168
8	The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research. BMC Veterinary Research, 2020, 16, 242.	1.9	136
9	The relationship between obesity and hypoferraemia in adults: a systematic review. Obesity Reviews, 2012, 13, 150-161.	6.5	120
10	The ARRIVE guidelines 2.0: updated guidelines for reporting animal researchThe ARRIVE guidelines 2.0: updated guidelines for reporting animal research. BMJ Open Science, 2020, 44, e100115.	1.7	114
11	Relationship between physical activity and cognitive function in apparently healthy young to middle-aged adults: A systematic review. Journal of Science and Medicine in Sport, 2016, 19, 616-628.	1.3	108
12	Determinants of kayak paddling performance. Sports Biomechanics, 2009, 8, 167-179.	1.6	92
13	Maternal over-nutrition and offspring obesity predisposition: targets for preventative interventions. International Journal of Obesity, 2011, 35, 883-890.	3.4	90
14	Individual differences in the interoceptive states of hunger, fullness and thirst. Appetite, 2015, 95, 44-57.	3.7	90
15	Changes in Insulin Resistance and HbA1c Are Related to Exercise-Mediated Changes in Body Composition in Older Adults With Type 2 Diabetes. Diabetes Care, 2013, 36, 2372-2379.	8.6	88
16	Chronic restricted access to 10% sucrose solution in adolescent and young adult rats impairs spatial memory and alters sensitivity to outcome devaluation. Physiology and Behavior, 2013, 120, 164-172.	2.1	78
17	Low-carbohydrate diets for type 1 diabetes mellitus: A systematic review. PLoS ONE, 2018, 13, e0194987.	2.5	75
18	Metabolic and behavioural effects of sucrose and fructose/glucose drinks in the rat. European Journal of Nutrition, 2012, 51, 445-454.	3.9	69

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19	Reductions in C-reactive protein in older adults with type 2 diabetes are related to improvements in body composition following a randomized controlled trial of resistance training. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2014, 5, 111-120.	7.3	66
20	The metabolic demands of kayaking: a review. <i>Journal of Sports Science and Medicine</i> , 2008, 7, 1-7.	1.6	54
21	Relationship between Obesity and Cognitive Function in Young Women: The Food, Mood and Mind Study. <i>Journal of Obesity</i> , 2017, 2017, 1-11.	2.7	47
22	Lactate and the GPR81 receptor in metabolic regulation: implications for adipose tissue function and fatty acid utilisation by muscle during exercise. <i>British Journal of Nutrition</i> , 2011, 106, 1310-1316.	2.3	46
23	Creatine supplementation alters insulin secretion and glucose homeostasis in vivo. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 518-522.	3.4	43
24	Throwing velocity and accuracy in elite and sub-elite cricket players: A descriptive study. <i>European Journal of Sport Science</i> , 2007, 7, 231-237.	2.7	39
25	Revision of the ARRIVE guidelines: rationale and scope. <i>BMJ Open Science</i> , 2018, 2, e000002.	1.7	36
26	Exercise increases plasma THC concentrations in regular cannabis users. <i>Drug and Alcohol Dependence</i> , 2013, 133, 763-767.	3.2	34
27	Dietary Interventions Are Beneficial for Patients with Chronic Pain: A Systematic Review with Meta-Analysis. <i>Pain Medicine</i> , 2021, 22, 694-714.	1.9	32
28	Iron, Hepcidin and Inflammatory Status of Young Healthy Overweight and Obese Women in Australia. <i>PLoS ONE</i> , 2013, 8, e68675.	2.5	32
29	Maltodextrin can produce similar metabolic and cognitive effects to those of sucrose in the rat. <i>Appetite</i> , 2014, 77, 1-12.	3.7	29
30	Sweetening yoghurt with glucose, but not with saccharin, promotes weight gain and increased fat pad mass in rats. <i>Appetite</i> , 2016, 105, 114-128.	3.7	29
31	Strength and Power Correlates of Throwing Velocity on Subelite Male Cricket Players. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1646-1651.	2.1	27
32	Throwing Speed and Accuracy in Baseball and Cricket Players. <i>Perceptual and Motor Skills</i> , 2014, 118, 637-650.	1.3	24
33	Iron Deficiency Anemia, Not Iron Deficiency, Is Associated with Reduced Attention in Healthy Young Women. <i>Nutrients</i> , 2017, 9, 1216.	4.1	24
34	The dynamics of elite paddling on a kayak simulator. <i>Journal of Sports Sciences</i> , 2012, 30, 661-668.	2.0	23
35	Metabolic Effects of Access to Sucrose Drink in Female Rats and Transmission of Some Effects to Their Offspring. <i>PLoS ONE</i> , 2015, 10, e0131107.	2.5	23
36	Higher protein diet for weight management in young overweight women: a 12-month randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 572-575.	4.4	20

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37	Creatine supplementation does not enhance submaximal aerobic training adaptations in healthy young men and women. <i>European Journal of Applied Physiology</i> , 2006, 98, 234-241.	2.5	17
38	An evidence-based approach to developing low-carbohydrate diets for type 2 diabetes management: A systematic review of interventions and methods. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2513-2525.	4.4	17
39	Effects of a Low-Carbohydrate Ketogenic Diet on Reported Pain, Blood Biomarkers and Quality of Life in Patients with Chronic Pain: A Pilot Randomized Clinical Trial. <i>Pain Medicine</i> , 2022, 23, 326-338.	1.9	17
40	Progressive velocity throwing training increases velocity without detriment to accuracy in sub-elite cricket players: A randomized controlled trial. <i>European Journal of Sport Science</i> , 2008, 8, 373-378.	2.7	16
41	“The university should promote health, but not enforce it”: opinions and attitudes about the regulation of sugar-sweetened beverages in a university setting. <i>BMC Public Health</i> , 2018, 18, 76.	2.9	16
42	Effectiveness of strategies for recruiting overweight and obese Generation Y women to a clinical weight management trial. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2013, 22, 235-40.	0.4	16
43	Impact of diet and weight loss on iron and zinc status in overweight and obese young women. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2013, 22, 574-82.	0.4	16
44	Creatine Supplementation Affects Glucose Homeostasis but Not Insulin Secretion in Humans. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 11-15.	1.9	15
45	Indicators of Throwing Arm Fatigue in Elite Adolescent Male Baseball Players. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 2115-2120.	2.1	15
46	Persisting adiposity following chronic consumption of 10% sucrose solution: Strain differences and behavioural effects. <i>Physiology and Behavior</i> , 2014, 130, 54-65.	2.1	15
47	Metabolic and cognitive improvement from switching to saccharin or water following chronic consumption by female rats of 10% sucrose solution. <i>Physiology and Behavior</i> , 2018, 188, 162-172.	2.1	15
48	Reviewing the animal literature: how to describe and choose between different types of literature reviews. <i>Laboratory Animals</i> , 2021, 55, 129-141.	1.0	14
49	Metabolic and behavioural effects of prenatal exposure to non-nutritive sweeteners: A systematic review and meta-analysis of rodent models. <i>Physiology and Behavior</i> , 2020, 213, 112696.	2.1	12
50	Urine dipsticks are not accurate for detecting mild ketosis during a severely energy restricted diet. <i>Obesity Science and Practice</i> , 2020, 6, 544-551.	1.9	12
51	Low-volume exercise can prevent sucrose-induced weight gain but has limited impact on metabolic measures in rats. <i>European Journal of Nutrition</i> , 2013, 52, 1721-1732.	3.9	11
52	Influence of dietary macronutrient composition on eating behaviour and self-perception in young women undergoing weight management. <i>Eating and Weight Disorders</i> , 2014, 19, 241-247.	2.5	11
53	Ketogenic diets and the nervous system: a scoping review of neurological outcomes from nutritional ketosis in animal studies. <i>Nutrition Research Reviews</i> , 2022, 35, 268-281.	4.1	11
54	The Launch Window Hypothesis and the Speed-Accuracy Trade-Off in Baseball Throwing. <i>Perceptual and Motor Skills</i> , 2015, 121, 135-148.	1.3	10

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55	Effect of carbohydrate ingestion on exercise performance and carbohydrate metabolism in persons with spinal cord injury. <i>European Journal of Applied Physiology</i> , 2010, 108, 131-140.	2.5	9
56	The associations between polymorphisms in the CD36 gene, fat oxidation and cardiovascular disease risk factors in a young adult Australian population: A pilot study. <i>Obesity Research and Clinical Practice</i> , 2014, 8, e618-e621.	1.8	9
57	Shoulder Proprioception Is Not Related to Throwing Speed or Accuracy in Elite Adolescent Male Baseball Players. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 181-187.	2.1	9
58	Changes in the Presence of Nonnutritive Sweeteners, Sugar Alcohols, and Free Sugars in Australian Foods. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 991-999.e7.	0.8	9
59	Low-carbohydrate and ketogenic diets: a scoping review of neurological and inflammatory outcomes in human studies and their relevance to chronic pain. <i>Nutrition Research Reviews</i> , 2022, , 1-71.	4.1	9
60	Nutritional adequacy of energy restricted diets for young obese women. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2011, 20, 206-11.	0.4	8
61	Monitoring Roll Chock Temperature: A Wireless System for a Tandem Cold Mill. <i>IEEE Industry Applications Magazine</i> , 2012, 18, 32-37.	0.4	7
62	Fasting and exercise increase plasma cannabinoid levels in THC pre-treated rats: an examination of behavioural consequences. <i>Psychopharmacology</i> , 2014, 231, 3987-3996.	3.1	7
63	Individual differences in saccharin acceptance predict rats' food intake. <i>Physiology and Behavior</i> , 2016, 164, 151-156.	2.1	7
64	Associations between CD36 gene polymorphisms and metabolic response to a short-term endurance-training program in a young-adult population. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 157-167.	1.9	7
65	The Effectiveness of Exercise as an Adjunct Intervention to Improve Quality of Life and Mood in Substance Use Disorder: A Systematic Review. <i>Substance Use and Misuse</i> , 2022, 57, 911-928.	1.4	7
66	Sodium saccharin can be more acceptable to rats than pure saccharin. <i>Behavioural Processes</i> , 2018, 157, 188-191.	1.1	6
67	Randomised controlled trial (RCT) of daily aerobic exercise for inpatient cannabis withdrawal: A study protocol. <i>Mental Health and Physical Activity</i> , 2017, 13, 57-67.	1.8	5
68	Body fatness, insulin sensitivity and muscle oxygen supply in adolescents. <i>Clinical Science</i> , 2002, 103, 391-396.	4.3	4
69	Fetal nutrition and muscle oxygen supply in childhood. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 1569-1572.	3.4	4
70	Physiological Responses to Kayaking with a Swivel Seat. <i>International Journal of Sports Medicine</i> , 2010, 31, 555-560.	1.7	4
71	Throwing Performance and Test-Retest Reliability in Olympic Female Water Polo Players. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 2359-2365.	2.1	4
72	Interactions Between Fatty Acid Transport Proteins, Genes That Encode for Them, and Exercise: A Systematic Review. <i>Journal of Cellular Physiology</i> , 2016, 231, 1671-1687.	4.1	4

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73	A candidate gene approach for identifying differential iron responses in young overweight women to an energy-restricted haem iron-rich diet. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 1250-1252.	2.9	3
74	The angiotensin I-converting enzyme I/D gene polymorphism in well-trained Malaysian athletes. <i>Sport Sciences for Health</i> , 2015, 11, 187-193.	1.3	3
75	Physical Activity Assessment in Clinical Studies of Substance Use Disorder. <i>Methods in Molecular Biology</i> , 2018, 1735, 273-284.	0.9	3
76	The effect of daily aerobic cycling exercise on sleep quality during inpatient cannabis withdrawal: A randomised controlled trial. <i>Journal of Sleep Research</i> , 2021, 30, e13211.	3.2	3
77	Effects of a low-carbohydrate ketogenic diet on reported pain, blood biomarkers and quality of life in patients with chronic pain: A pilot randomised clinical trial rationale, study design and protocol. <i>European Journal of Integrative Medicine</i> , 2021, 45, 101346.	1.7	3
78	Conception of learning and clinical skill acquisition in undergraduate exercise science students: a pilot study. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2013, 37, 108-111.	1.6	2
79	Associations between CD36 gene polymorphisms, fat tolerance and oral fat preference in a young-adult population. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 1325-1331.	2.9	2
80	Participants with chronic pain do not perceive diet as a contributing factor to their pain: a survey-based study. <i>Pain Management</i> , 2020, 10, 195-204.	1.5	2
81	Reduced acceptance of saccharin solutions by rats previously consuming more highly palatable solutions.. <i>Physiology and Behavior</i> , 2020, 218, 112822.	2.1	2
82	Sex differences in recovery from cognitive and metabolic impairments induced by supplementary sucrose in rats.. <i>Physiology and Behavior</i> , 2021, 239, 113515.	2.1	2
83	Development of Core Clinical Learning Competencies for Australian Exercise Physiology Students. <i>Bioengineered</i> , 2020, 9, 1-9.	3.2	2
84	Implications for farmers of measures to reduce sugars consumption. <i>Bulletin of the World Health Organization</i> , 2021, 99, 41-49.	3.3	2
85	Experience of participants with chronic pain in a pilot randomized clinical trial using a ketogenic diet. <i>Pain Management</i> , 2021, , .	1.5	2
86	Capillary Blood Sampling from the Finger. <i>Methods in Molecular Biology</i> , 2018, 1735, 267-272.	0.9	1
87	Metabolic and behavioural effects in offspring exposed to maternal sucrose consumption: a systematic review and meta-analysis of data from rodent models. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 12, 1-16.	1.4	1
88	Comparable metabolic effects of isocaloric sucrose and glucose solutions in rats. <i>Physiology and Behavior</i> , 2021, 229, 113239.	2.1	1
89	Exercise Capacity and Acute Effect of Exercise on Affect in a Substance Use Disorder Population. <i>Bioengineered</i> , 2021, 10, 142-149.	3.2	1
90	An Ecological Validity Model for the Prevention of Obesity: Non-Nutritive Sweetener Consumption in Rats and the Effects of Switching from Sugar-Sweetened to Diet Beverages. <i>Nutrients</i> , 2022, 14, 2758.	4.1	1

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91	Nutrition in schools " outdated guidelines need updating. Medical Journal of Australia, 2014, 200, 78-78.	1.7	0
92	Performance And Injury Risk Following Four Weeks Of Progressive Velocity Throwing Training In Baseball Players.. Medicine and Science in Sports and Exercise, 2014, 46, 264.	0.4	0
93	Maternal fatty acids and offspring development: extending beyond the cardiovascular and endocrine systems. British Journal of Nutrition, 2014, 111, 955-956.	2.3	0
94	Not Quite Quenching Australia's Thirst: A Critique of the Trend Analysis of Water-based Beverage Sales from 1997 to 2011. Nutrition and Dietetics, 2016, 73, 112-113.	1.8	0
95	Perceptions and attitudes about the sale and promotion of sugar-sweetened beverages in a university. European Journal of Public Health, 2017, 27, .	0.3	0
96	The obesity epidemic and sugar-sweetened beverages: a taxing time. Medical Journal of Australia, 2017, 207, 270-270.	1.7	0
97	Effects of a low-carbohydrate diet in adults with type 1 diabetes: an interventional study protocol. International Journal of Clinical Trials, 2021, 8, 233.	0.2	0
98	Shoulder Proprioception Changes Following Throwing Specific And General Exercise Bouts With Implications For Throwing Accuracy. Medicine and Science in Sports and Exercise, 2009, 41, 167.	0.4	0
99	Relation Of Obesity, Physical Activity and Inflammation to Cognitive Performance In Young Women. Medicine and Science in Sports and Exercise, 2014, 46, 216.	0.4	0