

Kevin G Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

4,522
citations

304743

22
h-index

149698

56
g-index

59
all docs

59
docs citations

59
times ranked

6012
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Gut hormones and the regulation of energy homeostasis. <i>Nature</i> , 2006, 444, 854-859.	27.8	649
3	Kisspeptin-54 Stimulates the Hypothalamic-Pituitary Gonadal Axis in Human Males. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6609-6615.	3.6	574
4	Kisspeptin-54 Stimulates Gonadotropin Release Most Potently during the Preovulatory Phase of the Menstrual Cycle in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3958-3966.	3.6	250
5	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. <i>Gut</i> , 2019, 68, 1430-1438.	12.1	235
6	Gut Peptides in the Regulation of Food Intake and Energy Homeostasis. <i>Endocrine Reviews</i> , 2006, 27, 719-727.	20.1	210
7	Short-chain fatty acids as potential regulators of skeletal muscle metabolism and function. <i>Nature Metabolism</i> , 2020, 2, 840-848.	11.9	194
8	Subcutaneous Injection of Kisspeptin-54 Acutely Stimulates Gonadotropin Secretion in Women with Hypothalamic Amenorrhea, But Chronic Administration Causes Tachyphylaxis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4315-4323.	3.6	177
9	Characterization of Ghrelin-Like Immunoreactivity in Human Plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2205-2211.	3.6	146
10	Chronic subcutaneous administration of kisspeptin-54 causes testicular degeneration in adult male rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1074-E1082.	3.5	126
11	Sustained appetite improvement in malnourished dialysis patients by daily ghrelin treatment. <i>Kidney International</i> , 2009, 76, 199-206.	5.2	118
12	The Effects of Kisspeptin-10 on Reproductive Hormone Release Show Sexual Dimorphism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1963-E1972.	3.6	100
13	Differences in Ventilatory Inefficiency Between Pulmonary Arterial Hypertension and Chronic Thromboembolic Pulmonary Hypertension. <i>Chest</i> , 2011, 140, 1284-1291.	0.8	93
14	An observed rise in $\hat{1}^3$ -hydroxybutyrate-associated deaths in London: Evidence to suggest a possible link with concomitant rise in chemsex. <i>Forensic Science International</i> , 2017, 270, 93-97.	2.2	68
15	Dissecting the role of cocaine- and amphetamine-regulated transcript (CART) in the control of appetite. <i>Briefings in Functional Genomics & Proteomics</i> , 2005, 4, 95-111.	3.8	54
16	A kisspeptin-10 analog with greater in vivo bioactivity than kisspeptin-10. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E296-E303.	3.5	44
17	Energy expenditure, nutritional status, body composition and physical fitness of Royal Marines during a 6-month operational deployment in Afghanistan. <i>British Journal of Nutrition</i> , 2014, 112, 821-829.	2.3	37
18	Misuse and Mortality Related to Gabapentin and Pregabalin are Being Under-Estimated: A Two-Year Post-Mortem Population Study. <i>Journal of Analytical Toxicology</i> , 2019, 43, 564-570.	2.8	37

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19	Mechanistic insights into the more potent effect of KP-54 compared to KP-10 in vivo. <i>PLoS ONE</i> , 2017, 12, e0176821.	2.5	35
20	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
21	Orexin A Interactions in the Hypothalamo-Pituitary Gonadal Axis. <i>Endocrinology</i> , 2001, 142, 5294-5302.	2.8	30
22	Mephedrone use is increasing in London. <i>Lancet</i> , The, 2016, 387, 1719-1720.	13.7	29
23	Gut hormones: the future of obesity treatment?. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 911-919.	2.4	23
24	Exercise physiological responses to drug treatments in chronic thromboembolic pulmonary hypertension. <i>Journal of Applied Physiology</i> , 2016, 121, 623-628.	2.5	22
25	GPRC6a is not required for the effects of a high-protein diet on body weight in mice. <i>Obesity</i> , 2015, 23, 1194-1200.	3.0	21
26	Characterization and distribution of prolactin releasing peptide (PrRP) binding sites in the rat - evidence for a novel binding site subtype in cardiac and skeletal muscle. <i>British Journal of Pharmacology</i> , 2000, 129, 1787-1793.	5.4	20
27	L-Arginine Increases Postprandial Circulating GLP-1 and PYY Levels in Humans. <i>Obesity</i> , 2018, 26, 1721-1726.	3.0	18
28	Constant hepatic ATP concentrations during prolonged fasting and absence of effects of Cerbomed Nemos® on parasympathetic tone and hepatic energy metabolism. <i>Molecular Metabolism</i> , 2018, 7, 71-79.	6.5	17
29	Circulating Pancreatic Polypeptide Concentrations Predict Visceral and Liver Fat Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1048-1052.	3.6	16
30	Targeting gastrointestinal nutrient sensing mechanisms to treat obesity. <i>Current Opinion in Pharmacology</i> , 2017, 37, 16-23.	3.5	16
31	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
32	Detailed Characterization of a Long-Term Rodent Model of Critical Illness and Recovery. <i>Critical Care Medicine</i> , 2015, 43, e84-e96.	0.9	15
33	Scientific medical conferences can be easily modified to improve female inclusion: a prospective study. <i>Lancet Diabetes and Endocrinology</i> , the, 2021, 9, 556-559.	11.4	15
34	Differential effects of L- and D-phenylalanine on pancreatic and gastrointestinal hormone release in humans: A randomized crossover study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 147-157.	4.4	12
35	Changes in gut hormones and leptin in military personnel during operational deployment in Afghanistan. <i>Obesity</i> , 2015, 23, 608-614.	3.0	11
36	Maternal glucose homeostasis is impaired in mouse models of gestational cholestasis. <i>Scientific Reports</i> , 2020, 10, 11523.	3.3	11

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37	Quantification of Rat Kisspeptin Using a Novel Radioimmunoassay. PLoS ONE, 2014, 9, e97611.	2.5	11
38	Cannabinoid Concentrations Detected in Fatal Road Traffic Collision Victims Compared with a Population of Other Postmortem Cases. Clinical Chemistry, 2015, 61, 1256-1264.	3.2	10
39	Quantitative approaches to energy and glucose homeostasis: machine learning and modelling for precision understanding and prediction. Journal of the Royal Society Interface, 2018, 15, 20170736.	3.4	9
40	Development of Autoimmune Thyroid Disease in Multiple Sclerosis Patients Post-Alemtuzumab Improves Treatment Response. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3392-e3399.	3.6	9
41	Impact of ghrelin on body composition and muscle function in a long-term rodent model of critical illness. PLoS ONE, 2017, 12, e0182659.	2.5	7
42	Misuse of gabapentin and pregabalin may be underestimated. BMJ: British Medical Journal, 2017, 359, j5312.	2.3	6
43	Effects of corticosterone within the hypothalamic arcuate nucleus on food intake and body weight in male rats. Molecular Metabolism, 2020, 36, 100972.	6.5	6
44	The homeostatic dynamics of feeding behaviour identify novel mechanisms of anorectic agents. PLoS Biology, 2019, 17, e3000482.	5.6	5
45	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
46	Ramadan Fasting and Changes in Thyroid Function in Hypothyroidism: Identifying Patients at Risk. Thyroid, 2022, 32, 368-375.	4.5	5
47	BMAT's predictive validity for medical school performance: A retrospective cohort study. Medical Education, 2022, 56, 936-948.	2.1	4
48	Learning curve of vessel cannulation in rats using cumulative sum analysis. Journal of Surgical Research, 2015, 193, 69-76.	1.6	3
49	Resection of the large bowel suppresses hunger and food intake and modulates gastrointestinal fermentation. Obesity, 2016, 24, 1723-1730.	3.0	3
50	Baclofen: To Screen or Not to Screen in Postmortem Blood?. Journal of Analytical Toxicology, 2021, 45, 612-618.	2.8	3
51	Live Birth in Sex-Reversed XY Mice Lacking the Nuclear Receptor Dax1. Scientific Reports, 2020, 10, 1703.	3.3	2
52	Comparison of Video Versus Direct Laryngoscopy: A Prospective Prehospital Air Medical Services Study. Air Medical Journal, 2021, 40, 45-49.	0.6	2
53	Toxicological Relevance of Pregabalin in Heroin Users: A Two-Year Postmortem Population Study. Journal of Analytical Toxicology, 2022, 46, 471-478.	2.8	2
54	Editorial overview: Endocrine and metabolic diseases: Waistline weapons: new therapeutic avenues for the treatment of obesity and metabolic disease. Current Opinion in Pharmacology, 2015, 25, iv-vi.	3.5	1

#	ARTICLE	IF	CITATIONS
55	Targeting Enteroendocrine Cells to Treat Metabolic Disease. , 2021, , .		1
56	Effects of Elevating Colonic Propionate on Liver Fat Content in Adults with Non-Alcoholic Fatty Liver Disease. FASEB Journal, 2015, 29, 385.2.	0.5	1
57	Nutritional sensing and its utility in treating obesity. Expert Review of Endocrinology and Metabolism, 2012, 7, 209-221.	2.4	0
58	Food fight: new approaches to preventing and treating obesity. , 2014, , 28-31.		0