

James S Minnion

List of Publications by Year in descending order

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98
papers

8,399
citations

117625

34
h-index

46799

89
g-index

98
all docs

98
docs citations

98
times ranked

7872
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Gut hormone PYY3-36 physiologically inhibits food intake. <i>Nature</i> , 2002, 418, 650-654. | 27.8 | 2,039 |
| 2 | 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 |
| 3 | The inhibitory effects of peripheral administration of peptide YY3-36 and glucagon-like peptide-1 on food intake are attenuated by ablation of the vagal-brainstem-hypothalamic pathway. <i>Brain Research</i> , 2005, 1044, 127-131. | 2.2 | 494 |
| 4 | Oxyntomodulin Suppresses Appetite and Reduces Food Intake in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4696-4701. | 3.6 | 406 |
| 5 | Subcutaneous Oxyntomodulin Reduces Body Weight in Overweight and Obese Subjects. <i>Diabetes</i> , 2005, 54, 2390-2395. | 0.6 | 383 |
| 6 | Peripheral Oxyntomodulin Reduces Food Intake and Body Weight Gain in Rats. <i>Endocrinology</i> , 2004, 145, 2687-2695. | 2.8 | 285 |
| 7 | Postembryonic ablation of AgRP neurons in mice leads to a lean, hypophagic phenotype. <i>FASEB Journal</i> , 2005, 19, 1680-1682. | 0.5 | 215 |
| 8 | Hypothalamic neuropeptides and the regulation of appetite. <i>Neuropharmacology</i> , 2012, 63, 18-30. | 4.1 | 199 |
| 9 | 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 |
| 10 | Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion to increase satiety. <i>Molecular Metabolism</i> , 2017, 6, 48-60. | 6.5 | 179 |
| 11 | Targeting GLP-1 receptor trafficking to improve agonist efficacy. <i>Nature Communications</i> , 2018, 9, 1602. | 12.8 | 162 |
| 12 | Neurokinin 3 receptor antagonism as a novel treatment for menopausal hot flashes: a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet</i> , 2017, 389, 1809-1820. | 13.7 | 149 |
| 13 | Efficacy of Kisspeptin-54 to Trigger Oocyte Maturation in Women at High Risk of Ovarian Hyperstimulation Syndrome (OHSS) During In Vitro Fertilization (IVF) Therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3322-3331. | 3.6 | 135 |
| 14 | 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 |
| 15 | Repeated ICV administration of oxyntomodulin causes a greater reduction in body weight gain than in pair-fed rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E1173-E1177. | 3.5 | 116 |
| 16 | Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1319-1330. | 4.7 | 116 |
| 17 | Neurokinin B Administration Induces Hot Flashes in Women. <i>Scientific Reports</i> , 2015, 5, 8466. | 3.3 | 96 |
| 18 | Bile acids and the metabolic syndrome. <i>Annals of Clinical Biochemistry</i> , 2019, 56, 326-337. | 1.6 | 91 |

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|----|---|------|-----------|
| 19 | Peripheral and Central Administration of Xenin and Neurotensin Suppress Food Intake in Rodents. <i>Obesity</i> , 2009, 17, 1135-1143. | 3.0 | 89 |
| 20 | Combined GLP-1, Oxyntomodulin, and Peptide YY Improves Body Weight and Glycemia in Obesity and Prediabetes/Type 2 Diabetes: A Randomized, Single-Blinded, Placebo-Controlled Study. <i>Diabetes Care</i> , 2019, 42, 1446-1453. | 8.6 | 84 |
| 21 | Optical Control of Insulin Secretion Using an Incretin Switch. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15565-15569. | 13.8 | 80 |
| 22 | Investigation of Structure-Activity Relationships of Oxyntomodulin (Oxm) Using Oxm Analogs. <i>Endocrinology</i> , 2009, 150, 1712-1721. | 2.8 | 77 |
| 23 | Differential hypothalamic neuronal activation following peripheral injection of GLP-1 and oxyntomodulin in mice detected by manganese-enhanced magnetic resonance imaging. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 298-306. | 2.1 | 73 |
| 24 | The Effect of a Subcutaneous Infusion of GLP-1, OXM, and PYY on Energy Intake and Expenditure in Obese Volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2364-2372. | 3.6 | 72 |
| 25 | Control of insulin secretion by GLP-1. <i>Peptides</i> , 2018, 100, 75-84. | 2.4 | 69 |
| 26 | Kisspeptin signaling in the amygdala modulates reproductive hormone secretion. <i>Brain Structure and Function</i> , 2016, 221, 2035-2047. | 2.3 | 66 |
| 27 | A second dose of kisspeptin-54 improves oocyte maturation in women at high risk of ovarian hyperstimulation syndrome: a Phase 2 randomized controlled trial. <i>Human Reproduction</i> , 2017, 32, 1915-1924. | 0.9 | 64 |
| 28 | Agonist-induced membrane nanodomain clustering drives GLP-1 receptor responses in pancreatic beta cells. <i>PLoS Biology</i> , 2019, 17, e3000097. | 5.6 | 61 |
| 29 | Roles of increased glycaemic variability, GLP-1 and glucagon in hypoglycaemia after Roux-en-Y gastric bypass. <i>European Journal of Endocrinology</i> , 2017, 177, 455-464. | 3.7 | 50 |
| 30 | The Obesity Epidemic: Pharmacological Challenges. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2008, 8, 82-98. | 3.4 | 49 |
| 31 | The New Era of Drug Therapy for Obesity: The Evidence and the Expectations. <i>Drugs</i> , 2015, 75, 935-945. | 10.9 | 46 |
| 32 | Allosteric Optical Control of a Class B G-protein-Coupled Receptor. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5865-5868. | 13.8 | 45 |
| 33 | Overexpression of CART in the PVN Increases Food Intake and Weight Gain in Rats. <i>Obesity</i> , 2008, 16, 2239-2244. | 3.0 | 44 |
| 34 | A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic β -Cells. <i>Diabetes</i> , 2018, 67, 385-399. | 0.6 | 41 |
| 35 | Genetic and biased agonist-mediated reductions in β -arrestin recruitment prolong cAMP signaling at glucagon family receptors. <i>Journal of Biological Chemistry</i> , 2021, 296, 100133. | 3.4 | 41 |
| 36 | The neuroendocrine physiology of kisspeptin in the human. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2007, 8, 41-46. | 5.7 | 38 |

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|----|---|-----|-----------|
| 37 | Investigating the KNDy Hypothesis in Humans by Coadministration of Kisspeptin, Neurokinin B, and Naltrexone in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3429-3436. | 3.6 | 37 |
| 38 | <p>CBD Effects on TRPV1 Signaling Pathways in Cultured DRG Neurons</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 2269-2278. | 2.0 | 36 |
| 39 | Signalling, trafficking and glucoregulatory properties of glucagonâ€like peptideâ€1 receptor agonists exendinâ€4 and lixisenatide. <i>British Journal of Pharmacology</i> , 2020, 177, 3905-3923. | 5.4 | 36 |
| 40 | Differentiating constitutional thinness from anorexia nervosa in DSM 5 era. <i>Psychoneuroendocrinology</i> , 2017, 84, 94-100. | 2.7 | 35 |
| 41 | Insights into the role of neuronal glucokinase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E42-E55. | 3.5 | 33 |
| 42 | RAMP2 Influences Glucagon Receptor Pharmacology via Trafficking and Signaling. <i>Endocrinology</i> , 2017, 158, 2680-2693. | 2.8 | 33 |
| 43 | Kisspeptin Expression in the Human Infundibular Nucleus in Relation to Sex, Gender Identity, and Sexual Orientation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2380-2389. | 3.6 | 32 |
| 44 | Disconnect between signalling potency and inÂvivo efficacy of pharmacokinetically optimised biased glucagon-like peptide-1 receptor agonists. <i>Molecular Metabolism</i> , 2020, 37, 100991. | 6.5 | 32 |
| 45 | The Influence of Peptide Context on Signaling and Trafficking of Glucagon-like Peptide-1 Receptor Biased Agonists. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 345-360. | 4.9 | 32 |
| 46 | Subcutaneous infusion of kisspeptinâ€54 stimulates gonadotrophin release in women and the response correlates with basal oestradiol levels. <i>Clinical Endocrinology</i> , 2016, 84, 939-945. | 2.4 | 31 |
| 47 | Potent Prearranged Positive Allosteric Modulators of the Glucagonâ€like Peptideâ€1 Receptor. <i>ChemistryOpen</i> , 2017, 6, 501-505. | 1.9 | 31 |
| 48 | The effects of kisspeptinâ€54 on blood pressure in humans and plasma kisspeptin concentrations in hypertensive diseases of pregnancy. <i>British Journal of Clinical Pharmacology</i> , 2010, 70, 674-681. | 2.4 | 30 |
| 49 | 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 |
| 50 | Postprandial ghrelin, cholecystokinin, peptide YY, and appetite before and after weight loss in overweight women with and without polycystic ovary syndrome. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1603-1610. | 4.7 | 30 |
| 51 | The effect of slow spaced eating on hunger and satiety in overweight and obese patients with type 2 diabetes mellitus. <i>BMJ Open Diabetes Research and Care</i> , 2014, 2, e000013. | 2.8 | 28 |
| 52 | Ligand-Specific Factors Influencing GLP-1 Receptor Post-Endocytic Trafficking and Degradation in Pancreatic Beta Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8404. | 4.1 | 28 |
| 53 | Combination of Peptide YY_{3$}with GLP-1_{7$}amide₃₆Causes an Increase in First-Phase Insulin Secretion after IV Glucose. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2317-E2324. | 3.6 | 27 |
| 54 | Modulations of human resting brain connectivity by kisspeptin enhance sexual and emotional functions. <i>JCI Insight</i> , 2018, 3, . | 5.0 | 26 |

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|----|--|-----|-----------|
| 55 | Thyroid Hormone Receptor Beta in the Ventromedial Hypothalamus Is Essential for the Physiological Regulation of Food Intake and Body Weight. <i>Cell Reports</i> , 2017, 19, 2202-2209. | 6.4 | 25 |
| 56 | Oxyntomodulin. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2006, 5, 265-272. | 1.8 | 23 |
| 57 | Receptor Activity-Modifying Protein 2 (RAMP2) alters glucagon receptor trafficking in hepatocytes with functional effects on receptor signalling. <i>Molecular Metabolism</i> , 2021, 53, 101296. | 6.5 | 23 |
| 58 | No Guts, No Loss: Toward the Ideal Treatment for Obesity in the Twenty-First Century. <i>Frontiers in Endocrinology</i> , 2018, 9, 442. | 3.5 | 22 |
| 59 | Colocalization of Cocaine- and Amphetamine-Regulated Transcript with Kisspeptin and Neurokinin B in the Human Infundibular Region. <i>PLoS ONE</i> , 2014, 9, e103977. | 2.5 | 21 |
| 60 | Ghrelin and peptide YY (PYY) profiles in gastrointestinal tissues and the circulation of the rat during pregnancy and lactation. <i>Peptides</i> , 2009, 30, 2213-2220. | 2.4 | 20 |
| 61 | Intracerebroventricular administration of vasoactive intestinal peptide inhibits food intake. <i>Regulatory Peptides</i> , 2011, 172, 8-15. | 1.9 | 20 |
| 62 | Appetite and Hedonism: Gut Hormones and the Brain. <i>Endocrinology and Metabolism Clinics of North America</i> , 2010, 39, 729-743. | 3.2 | 18 |
| 63 | L-Arginine Increases Postprandial Circulating GLP-1 and PYY Levels in Humans. <i>Obesity</i> , 2018, 26, 1721-1726. | 3.0 | 18 |
| 64 | Degradation Paradigm of the Gut Hormone, Pancreatic Polypeptide, by Hepatic and Renal Peptidases. <i>Endocrinology</i> , 2017, 158, 1755-1765. | 2.8 | 16 |
| 65 | The Metabolomic Effects of Tripeptide Gut Hormone Infusion Compared to Roux-en-Y Gastric Bypass and Caloric Restriction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e767-e782. | 3.6 | 16 |
| 66 | Resistance to lean mass gain in constitutional thinness in free-living conditions is not overpassed by overfeeding. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1187-1199. | 7.3 | 14 |
| 67 | Abnormalities of the hypothalamo-pituitary-thyroid axis in the pro-opiomelanocortin deficient mouse. <i>Regulatory Peptides</i> , 2004, 122, 169-172. | 1.9 | 13 |
| 68 | Acylation of the Incretin Peptide Exendin-4 Directly Impacts Glucagon-Like Peptide-1 Receptor Signaling and Trafficking. <i>Molecular Pharmacology</i> , 2021, 100, 319-334. | 2.3 | 13 |
| 69 | Proglucagon Promoter Cre-Mediated AMPK Deletion in Mice Increases Circulating GLP-1 Levels and Oral Glucose Tolerance. <i>PLoS ONE</i> , 2016, 11, e0149549. | 2.5 | 13 |
| 70 | The identification of elevated urinary kisspeptin-immunoreactivity during pregnancy. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 395-398. | 1.6 | 11 |
| 71 | Effects of Glucagon-like Peptide-1 on the Reproductive Axis in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1119-1125. | 3.6 | 11 |
| 72 | Quantification of Rat Kisspeptin Using a Novel Radioimmunoassay. <i>PLoS ONE</i> , 2014, 9, e97611. | 2.5 | 11 |

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|----|--|------|-----------|
| 73 | Approaches to the pharmacological treatment of obesity. <i>Expert Review of Clinical Pharmacology</i> , 2010, 3, 73-88. | 3.1 | 10 |
| 74 | The Peutz-Jeghers kinase LKB1 suppresses polyp growth from intestinal cells of a proglucagon-expressing lineage. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1275-86. | 2.4 | 10 |
| 75 | Allosterische optische Steuerung eines Klasse-B-Protein-gekoppelten Rezeptors. <i>Angewandte Chemie</i> , 2016, 128, 5961-5965. | 2.0 | 10 |
| 76 | The preanalytical stability of glucagon as measured by liquid chromatography tandem mass spectrometry and two commercially available immunoassays. <i>Annals of Clinical Biochemistry</i> , 2017, 54, 293-296. | 1.6 | 9 |
| 77 | Evaluation of efficacy- versus affinity-driven agonism with biased GLP-1R ligands P5 and exendin-F1. <i>Biochemical Pharmacology</i> , 2021, 190, 114656. | 4.4 | 8 |
| 78 | Investigating the Glucagon Receptor and Glucagon-Like Peptide 1 Receptor Activity of Oxyntomodulin-Like Analogues in Male Wistar Rats. <i>Current Therapeutic Research</i> , 2015, 77, 111-115. | 1.2 | 7 |
| 79 | Influence of Cholecystokinin-8 on Compound Nerve Action Potentials from Ventral Gastric Vagus in Rats. <i>International Journal of Neural Systems</i> , 2018, 28, 1850006. | 5.2 | 7 |
| 80 | What Can We Learn From Mouse Models About Bile Acid-Mediated Changes After Bariatric Surgery?. <i>Gastroenterology</i> , 2019, 157, 4-8. | 1.3 | 7 |
| 81 | Partial agonism improves the anti-hyperglycaemic efficacy of an oxyntomodulin-derived GLP-1R/GCGR co-agonist. <i>Molecular Metabolism</i> , 2021, 51, 101242. | 6.5 | 7 |
| 82 | Cheap date. <i>Nature</i> , 1998, 396, 313-314. | 27.8 | 6 |
| 83 | Increased food intake with oxyntomodulin analogues. <i>Peptides</i> , 2015, 73, 95-100. | 2.4 | 6 |
| 84 | A glucagon analogue decreases body weight in mice via signalling in the liver. <i>Scientific Reports</i> , 2021, 11, 22577. | 3.3 | 6 |
| 85 | EFFECT OF OCTAPEPTIDE SOMATOSTATIN ANALOGUE (SMS 201-995) ON PLASMA 7B2 (A NEUROENDOCRINE) Tj ETQq1 1.0.7843 | 2.4 | 4 |
| 86 | Pharmacotherapy for obesity: a field in crisis?. <i>Expert Review of Endocrinology and Metabolism</i> , 2011, 6, 563-577. | 2.4 | 4 |
| 87 | Pharmacokinetics and pharmacodynamics of subcutaneously administered PYY3-36 and its analogues in vivo. <i>Lancet, The</i> , 2015, 385, S28. | 13.7 | 4 |
| 88 | Learning curve of vessel cannulation in rats using cumulative sum analysis. <i>Journal of Surgical Research</i> , 2015, 193, 69-76. | 1.6 | 3 |
| 89 | Effects of Peptide YY on the Hypothalamic-Pituitary-Gonadal Axis in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 833-838. | 3.6 | 3 |
| 90 | Acute Effects of Glucagon on Reproductive Hormone Secretion in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1899-1905. | 3.6 | 3 |

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|----|---|-----|-----------|
| 91 | Biliopancreatic diversion in rats is associated with intestinal hypertrophy and with increased GLP-1, GLP-2 and PYY levels. <i>Obesity Surgery</i> , 2007, 17, 1193-1198. | 2.1 | 2 |
| 92 | Measuring the Pharmacokinetic Properties of Drugs with a Novel Surgical Rat Model. <i>Journal of Investigative Surgery</i> , 2017, 30, 162-169. | 1.3 | 1 |
| 93 | Reply: Clinical trial registry alone is not adequate: on the perception of possible endpoint switching and P-hacking. <i>Human Reproduction</i> , 2018, 33, 342-344. | 0.9 | 1 |
| 94 | SUN-LB044 Effects of Glucagon-Like Peptide-1 (GLP-1) on the Hypothalamic-Pituitary-Gonadal Axis in Healthy Men. <i>Journal of the Endocrine Society</i> , 2019, 3, . | 0.2 | 1 |
| 95 | Introductory chapter. , 2008, , 1-19. | | 0 |
| 96 | Does Kisspeptin signaling offer a new way to treat infertility?. <i>Expert Review of Obstetrics and Gynecology</i> , 2009, 4, 477-481. | 0.4 | 0 |
| 97 | Obesity, gut hormones and knighthood. <i>Expert Review of Endocrinology and Metabolism</i> , 2013, 8, 225-227. | 2.4 | 0 |
| 98 | Patient Age Predicts the Delay before Survivors of Cancer Utilise Their Cryopreserved Sperm for Assisted Reproductive Technology. <i>Blood</i> , 2015, 126, 4481-4481. | 1.4 | 0 |