

# Waljit S Dhillon

## List of Publications by Citations

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97  
papers

3,139  
citations

23  
h-index

54  
g-index

112  
ext. papers

4,188  
ext. citations

6.4  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
97	Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. <i>Gut</i> , <b>2015</b> , 64, 1744-54	19.2	654
96	Kisspeptin-54 stimulates the hypothalamic-pituitary gonadal axis in human males. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 6609-15	5.6	498
95	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> , <b>2007</b> , 92, 3958-66	5.6	207
94	Association between high serum total cortisol concentrations and mortality from COVID-19. <i>Lancet Diabetes and Endocrinology</i> , <b>2020</b> , 8, 659-660	18.1	110
93	Neurokinin 3 receptor antagonism as a novel treatment for menopausal hot flushes: a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , <b>2017</b> , 389, 1809-1820	40	103
92	Comprehensive Review on Kisspeptin and Its Role in Reproductive Disorders. <i>Endocrinology and Metabolism</i> , <b>2015</b> , 30, 124-41	3.5	100
91	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> , <b>2015</b> , 100, 3322-31	5.6	87
90	Appetite regulation: an overview. <i>Thyroid</i> , <b>2007</b> , 17, 433-45	6.2	86
89	Kisspeptin-54 triggers egg maturation in women undergoing in vitro fertilization. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 3667-77	15.9	86
88	Neurokinin B administration induces hot flushes in women. <i>Scientific Reports</i> , <b>2015</b> , 5, 8466	4.9	69
87	Thyroid Function Before, During, and After COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e803-e811	5.6	69
86	Plasma kisspeptin is raised in patients with gestational trophoblastic neoplasia and falls during treatment. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E878-84	6	59
85	Congenital hypogonadotropic hypogonadism and constitutional delay of growth and puberty have distinct genetic architectures. <i>European Journal of Endocrinology</i> , <b>2018</b> , 178, 377-388	6.5	58
84	Kisspeptin signaling in the amygdala modulates reproductive hormone secretion. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 2035-47	4	47
83	Paraventricular nucleus administration of calcitonin gene-related peptide inhibits food intake and stimulates the hypothalamo-pituitary-adrenal axis. <i>Endocrinology</i> , <b>2003</b> , 144, 1420-5	4.8	46
82	The effects of kisspeptin on $\beta$ cell function, serum metabolites and appetite in humans. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2800-2810	6.7	39
81	Novel Concepts for Inducing Final Oocyte Maturation in In Vitro Fertilization Treatment. <i>Endocrine Reviews</i> , <b>2018</b> , 39, 593-628	27.2	36

80	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> , <b>2017</b> , 32, 1915-1924	5.7	33
79	The neuroendocrine physiology of kisspeptin in the human. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2007</b> , 8, 41-6	10.5	32
78	Neurokinin 3 receptor antagonism rapidly improves vasomotor symptoms with sustained duration of action. <i>Menopause</i> , <b>2018</b> , 25, 862-869	2.5	31
77	Kisspeptin across the human lifespan:evidence from animal studies and beyond. <i>Journal of Endocrinology</i> , <b>2016</b> , 229, R83-98	4.7	31
76	Measuring luteinising hormone pulsatility with a robotic aptamer-enabled electrochemical reader. <i>Nature Communications</i> , <b>2019</b> , 10, 852	17.4	28
75	Investigating the KNDy Hypothesis in Humans by Coadministration of Kisspeptin, Neurokinin B, and Naltrexone in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3429-36	5.6	27
74	Subcutaneous infusion of kisspeptin-54 stimulates gonadotrophin release in women and the response correlates with basal oestradiol levels. <i>Clinical Endocrinology</i> , <b>2016</b> , 84, 939-45	3.4	23
73	Mechanistic insights into the more potent effect of KP-54 compared to KP-10 in vivo. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176821	3.7	22
72	Human brown adipose tissue-function and therapeutic potential in metabolic disease. <i>Current Opinion in Pharmacology</i> , <b>2017</b> , 37, 1-9	5.1	21
71	Colocalization of cocaine- and amphetamine-regulated transcript with kisspeptin and neurokinin B in the human infundibular region. <i>PLoS ONE</i> , <b>2014</b> , 9, e103977	3.7	20
70	Thyroid Hormone Receptor Beta in the Ventromedial Hypothalamus Is Essential for the Physiological Regulation of Food Intake and Body Weight. <i>Cell Reports</i> , <b>2017</b> , 19, 2202-2209	10.6	19
69	Neurokinin 3 Receptor Antagonism: A Novel Treatment for Menopausal Hot Flashes. <i>Neuroendocrinology</i> , <b>2019</b> , 109, 242-248	5.6	19
68	Kisspeptin receptor agonist has therapeutic potential for female reproductive disorders. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 6739-6753	15.9	18
67	Investigation and management of subfertility. <i>Journal of Clinical Pathology</i> , <b>2019</b> , 72, 579-587	3.9	18
66	Reduced Testicular Steroidogenesis and Increased Semen Oxidative Stress in Male Partners as Novel Markers of Recurrent Miscarriage. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 161-169	5.5	18
65	Kisspeptin and the control of emotions, mood and reproductive behaviour. <i>Journal of Endocrinology</i> , <b>2018</b> , 239, R1-R12	4.7	18
64	Anti-Müllerian hormone (AMH) in the Diagnosis of Menstrual Disturbance Due to Polycystic Ovarian Syndrome. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 656	5.7	17
63	A systematic review of randomized controlled trials investigating the efficacy and safety of testosterone therapy for female sexual dysfunction in postmenopausal women. <i>Clinical Endocrinology</i> , <b>2019</b> , 90, 391-414	3.4	17

62	Intrinsic links among sex, emotion, and reproduction. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 2197-2210	12.3	15
61	Follicle Size on Day of Trigger Most Likely to Yield a Mature Oocyte. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 193	5.7	15
60	Normal Adrenal and Thyroid Function in Patients Who Survive COVID-19 Infection. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 2208-2220	5.6	15
59	Functions of galanin, spexin and kisspeptin in metabolism, mood and behaviour. <i>Nature Reviews Endocrinology</i> , <b>2021</b> , 17, 97-113	15.2	15
58	Modulations of human resting brain connectivity by kisspeptin enhance sexual and emotional functions. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	14
57	Kisspeptin and Testicular Function-Is it Necessary?. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	12
56	IMAGING IN ENDOCRINOLOGY: The use of functional MRI to study the endocrinology of appetite. <i>European Journal of Endocrinology</i> , <b>2015</b> , 173, R59-68	6.5	12
55	Insights into Brown Adipose Tissue Physiology as Revealed by Imaging Studies. <i>Adipocyte</i> , <b>2015</b> , 4, 1-12	3.2	12
54	Kisspeptin enhances brain responses to olfactory and visual cues of attraction in men. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	12
53	Kisspeptin Is a Novel Regulator of Human Fetal Adrenocortical Development and Function: A Finding With Important Implications for the Human Fetoplacental Unit. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 3349-3359	5.6	11
52	Clinical and biochemical discriminants between functional hypothalamic amenorrhoea (FHA) and polycystic ovary syndrome (PCOS). <i>Clinical Endocrinology</i> , <b>2021</b> , 95, 239-252	3.4	11
51	Impact of COVID-19 on the Endocrine System: A Mini-review. <i>Endocrinology</i> , <b>2022</b> , 163,	4.8	11
50	Deregulation of miR-324/KISS1/kisspeptin in early ectopic pregnancy: mechanistic findings with clinical and diagnostic implications. <i>American Journal of Obstetrics and Gynecology</i> , <b>2019</b> , 220, 480.e1-480.e17	6.4	10
49	Interpretation of Serum Gonadotropin Levels in Hyperprolactinaemia. <i>Neuroendocrinology</i> , <b>2018</b> , 107, 105-113	5.6	9
48	Localization of gastrinomas by selective intra-arterial calcium injection in patients on proton pump inhibitor or H2 receptor antagonist therapy. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2005</b> , 17, 429-33	2.2	9
47	The Effects of Kisspeptin on Brain Response to Food Images and Psychometric Parameters of Appetite in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e1837-e1848	5.6	9
46	The 3 World Conference on Kisspeptin, "Kisspeptin 2017: Brain and Beyond": Unresolved questions, challenges and future directions for the field. <i>Journal of Neuroendocrinology</i> , <b>2018</b> , 30, e12600	3.8	8
45	The identification of elevated urinary kisspeptin-immunoreactivity during pregnancy. <i>Annals of Clinical Biochemistry</i> , <b>2015</b> , 52, 395-8	2.2	8

44	Clinical Potential of Kisspeptin in Reproductive Health. <i>Trends in Molecular Medicine</i> , <b>2021</b> , 27, 807-823	11.5	8
43	Hypothalamic Response to Kisspeptin-54 and Pituitary Response to Gonadotropin-Releasing Hormone Are Preserved in Healthy Older Men. <i>Neuroendocrinology</i> , <b>2018</b> , 106, 401-410	5.6	7
42	Baseline levels of seminal reactive oxygen species predict improvements in sperm function following antioxidant therapy in men with infertility. <i>Clinical Endocrinology</i> , <b>2021</b> , 94, 102-110	3.4	7
41	Representing the Metabolome with High Fidelity: Range and Response as Quality Control Factors in LC-MS-Based Global Profiling. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 1924-1933	7.8	7
40	FSH Requirements for Follicle Growth During Controlled Ovarian Stimulation. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 579	5.7	6
39	Effects of Glucagon-like Peptide-1 on the Reproductive Axis in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	6
38	Hypothalamic arcuate nucleus glucokinase regulates insulin secretion and glucose homeostasis. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2246-2254	6.7	6
37	Steroidogenic control of liver metabolism through a nuclear receptor-network. <i>Molecular Metabolism</i> , <b>2019</b> , 30, 221-229	8.8	6
36	Endocrinology: the next 60 years. <i>Journal of Endocrinology</i> , <b>2006</b> , 190, 7-10	4.7	6
35	Phoenixin and Its Role in Reproductive Hormone Release. <i>Seminars in Reproductive Medicine</i> , <b>2019</b> , 37, 191-196	1.4	6
34	Characterization of Kisspeptin Neurons in the Human Rostral Hypothalamus. <i>Neuroendocrinology</i> , <b>2021</b> , 111, 249-262	5.6	6
33	Male infertility due to testicular disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e442-e459	5.6	6
32	The Relationship Between Bone and Reproductive Hormones Beyond Estrogens and Androgens. <i>Endocrine Reviews</i> , <b>2021</b> , 42, 691-719	27.2	5
31	Neurokinin B and Neurokinin-3 Receptor Signaling: Promising Developments in the Management of Menopausal Hot Flushes. <i>Seminars in Reproductive Medicine</i> , <b>2019</b> , 37, 125-130	1.4	5
30	Performance of plasma kisspeptin as a biomarker for miscarriage improves with gestational age during the first trimester. <i>Fertility and Sterility</i> , <b>2021</b> , 116, 809-819	4.8	5
29	Burdens and awareness of adverse self-reported lifestyle factors in men with sub-fertility: A cross-sectional study in 1149 men. <i>Clinical Endocrinology</i> , <b>2020</b> , 93, 312-321	3.4	4
28	Pharmacodynamic Response to Anti-thyroid Drugs in GravesRHyperthyroidism. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 286	5.7	4
27	G protein-coupled kisspeptin receptor induces metabolic reprogramming and tumorigenesis in estrogen receptor-negative breast cancer. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 106	9.8	4

26	Post mortem single-cell labeling with Dil and immunoelectron microscopy unveil the fine structure of kisspeptin neurons in humans. <i>Brain Structure and Function</i> , <b>2018</b> , 223, 2143-2156	4	4
25	Determining the Relationship Between Hot Flushes and LH Pulses in Menopausal Women Using Mathematical Modeling. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 3628-3636	5.6	4
24	Preserved C-peptide in survivors of COVID-19: post-hoc analysis. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> ,	6.7	4
23	Animal Models of Diabetes-Related Male Hypogonadism. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 628	5.7	3
22	Effects of corticosterone within the hypothalamic arcuate nucleus on food intake and body weight in male rats. <i>Molecular Metabolism</i> , <b>2020</b> , 36, 100972	8.8	3
21	Increased peptide YY blood concentrations, not decreased acyl-ghrelin, are associated with reduced hunger and food intake in healthy older women: Preliminary evidence. <i>Appetite</i> , <b>2016</b> , 105, 320-45	4.5	3
20	Regulation of the Hypothalamic-Pituitary-Testicular Axis: Pathophysiology of Hypogonadism.. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2022</b> , 51, 29-45	5.5	3
19	Neurokinin 3 Receptor Antagonists Do Not Increase FSH or Estradiol Secretion in Menopausal Women. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvz009	0.4	3
18	Emerging roles for kisspeptin in metabolism. <i>Journal of Physiology</i> , <b>2021</b> ,	3.9	3
17	Kisspeptin modulates gamma-aminobutyric acid levels in the human brain. <i>Psychoneuroendocrinology</i> , <b>2021</b> , 129, 105244	5	3
16	Changes in circulating kisspeptin levels during each trimester in women with antenatal complications. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	3
15	Effects of the Hormone Kisspeptin on Reproductive Hormone Release in Humans. <i>Advances in Biology</i> , <b>2014</b> , 2014, 1-10		2
14	Endocrine Requirements for Oocyte Maturation Following hCG, GnRH Agonist, and Kisspeptin During IVF Treatment. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 537205	5.7	2
13	Cortisol concentrations and mortality from COVID-19 - AuthorsReply. <i>Lancet Diabetes and Endocrinology</i> , <b>2020</b> , 8, 809-810	18.1	2
12	Effects of Peptide YY on the Hypothalamic-Pituitary-Gonadal Axis in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	2
11	Prevalence of abnormal semen analysis and levels of adherence with fertility preservation in men undergoing therapy for newly diagnosed cancer: A retrospective study in 2906 patients. <i>Clinical Endocrinology</i> , <b>2018</b> , 89, 798-804	3.4	2
10	Using Aptamers as a Novel Method for Determining GnRH/LH Pulsatility. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
9	Live Birth in Sex-Reversed XY Mice Lacking the Nuclear Receptor Dax1. <i>Scientific Reports</i> , <b>2020</b> , 10, 17034.9		1

8	Associations of coefficient of variation of serum GH with previous radiotherapy, hypopituitarism and cardiac disease in patients with treated acromegaly. <i>Clinical Endocrinology</i> , <b>2015</b> , 82, 870-5	3.4	1
7	Commentary on "Pharmacodynamic Activity of the Novel Neurokinin-3 Receptor Antagonist SJX-653 in Healthy Men". <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e1028-e1030	5.6	1
6	Investigating the potential of clinical and biochemical markers to differentiate between functional hypothalamic amenorrhoea and polycystic ovarian syndrome: A retrospective observational study. <i>Clinical Endocrinology</i> , <b>2021</b> , 95, 618-627	3.4	1
5	Reply: Clinical trial registry alone is not adequate: on the perception of possible endpoint switching and P-hacking. <i>Human Reproduction</i> , <b>2018</b> , 33, 342-344	5.7	0
4	Synacthen Stimulation Test Following Unilateral Adrenalectomy Needs to Be Interpreted With Caution. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 654600	5.7	0
3	Humans – The Ultimate Model for the Study of Neuroendocrine Systems <b>2018</b> , 383-405		
2	Patient Age Predicts the Delay before Survivors of Cancer Utilise Their Cryopreserved Sperm for Assisted Reproductive Technology. <i>Blood</i> , <b>2015</b> , 126, 4481-4481	2.2	
1	Kisspeptin, Neurokinin B and New Players in Reproduction. <i>Seminars in Reproductive Medicine</i> , <b>2019</b> , 37, 45-46	1.4	