

Waljit S Dhillon

List of Publications by Year in descending order

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110
papers

5,041
citations

136950

32
h-index

98798

67
g-index

112
all docs

112
docs citations

112
times ranked

5493
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	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
3	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
4	Association between high serum total cortisol concentrations and mortality from COVID-19. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 659-660.	11.4	193
5	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
6	Thyroid Function Before, During, and After COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e803-e811.	3.6	143
7	Kisspeptin-54 triggers egg maturation in women undergoing in vitro fertilization. <i>Journal of Clinical Investigation</i> , 2014, 124, 3667-3677.	8.2	140
8	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
9	Comprehensive Review on Kisspeptin and Its Role in Reproductive Disorders. <i>Endocrinology and Metabolism</i> , 2015, 30, 124.	3.0	126
10	Appetite Regulation: An Overview. <i>Thyroid</i> , 2007, 17, 433-445.	4.5	100
11	Neurokinin B Administration Induces Hot Flashes in Women. <i>Scientific Reports</i> , 2015, 5, 8466.	3.3	96
12	Congenital hypogonadotropic hypogonadism and constitutional delay of growth and puberty have distinct genetic architectures. <i>European Journal of Endocrinology</i> , 2018, 178, 377-388.	3.7	95
13	Novel Concepts for Inducing Final Oocyte Maturation in In Vitro Fertilization Treatment. <i>Endocrine Reviews</i> , 2018, 39, 593-628.	20.1	92
14	Follicle Size on Day of Trigger Most Likely to Yield a Mature Oocyte. <i>Frontiers in Endocrinology</i> , 2018, 9, 193.	3.5	78
15	The effects of kisspeptin on β -cell function, serum metabolites and appetite in humans. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2800-2810.	4.4	74
16	Plasma kisspeptin is raised in patients with gestational trophoblastic neoplasia and falls during treatment. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E878-E884.	3.5	66
17	Kisspeptin signaling in the amygdala modulates reproductive hormone secretion. <i>Brain Structure and Function</i> , 2016, 221, 2035-2047.	2.3	66
18	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

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19	Functions of galanin, spexin and kisspeptin in metabolism, mood and behaviour. <i>Nature Reviews Endocrinology</i> , 2021, 17, 97-113.	9.6	63
20	Impact of COVID-19 on the Endocrine System: A Mini-review. <i>Endocrinology</i> , 2022, 163, .	2.8	63
21	Male infertility due to testicular disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e442-e459.	3.6	53
22	Kisspeptin receptor agonist has therapeutic potential for female reproductive disorders. <i>Journal of Clinical Investigation</i> , 2020, 130, 6739-6753.	8.2	52
23	Paraventricular Nucleus Administration of Calcitonin Gene-Related Peptide Inhibits Food Intake and Stimulates the Hypothalamo-Pituitary-Adrenal Axis. <i>Endocrinology</i> , 2003, 144, 1420-1425.	2.8	50
24	Normal Adrenal and Thyroid Function in Patients Who Survive COVID-19 Infection. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2208-2220.	3.6	50
25	Neurokinin 3 receptor antagonism rapidly improves vasomotor symptoms with sustained duration of action. <i>Menopause</i> , 2018, 25, 862-869.	2.0	49
26	Measuring luteinising hormone pulsatility with a robotic aptamer-enabled electrochemical reader. <i>Nature Communications</i> , 2019, 10, 852.	12.8	49
27	Kisspeptin across the human lifespan:evidence from animal studies and beyond. <i>Journal of Endocrinology</i> , 2016, 229, R83-R98.	2.6	42
28	The Relationship Between Bone and Reproductive Hormones Beyond Estrogens and Androgens. <i>Endocrine Reviews</i> , 2021, 42, 691-719.	20.1	41
29	Investigation and management of subfertility. <i>Journal of Clinical Pathology</i> , 2019, 72, 579-587.	2.0	40
30	The neuroendocrine physiology of kisspeptin in the human. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2007, 8, 41-46.	5.7	38
31	Anti-Müllerian hormone (AMH) in the Diagnosis of Menstrual Disturbance Due to Polycystic Ovarian Syndrome. <i>Frontiers in Endocrinology</i> , 2019, 10, 656.	3.5	38
32	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
33	Neurokinin 3 Receptor Antagonism: A Novel Treatment for Menopausal Hot Flashes. <i>Neuroendocrinology</i> , 2019, 109, 242-248.	2.5	37
34	Clinical and biochemical discriminants between functional hypothalamic amenorrhoea (FHA) and polycystic ovary syndrome (PCOS). <i>Clinical Endocrinology</i> , 2021, 95, 239-252.	2.4	36
35	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
36	Reduced Testicular Steroidogenesis and Increased Semen Oxidative Stress in Male Partners as Novel Markers of Recurrent Miscarriage. <i>Clinical Chemistry</i> , 2019, 65, 161-169.	3.2	32

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37	Subcutaneous infusion of kisspeptin ϵ 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
38	Human brown adipose tissue ϵ function and therapeutic potential in metabolic disease. <i>Current Opinion in Pharmacology</i> , 2017, 37, 1-9.	3.5	29
39	Kisspeptin and the control of emotions, mood and reproductive behaviour. <i>Journal of Endocrinology</i> , 2018, 239, R1-R12.	2.6	29
40	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> , 2019, 90, 391-414.	2.4	28
41	Kisspeptin and Testicular Function ϵ Is It Necessary?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2958.	4.1	27
42	Modulations of human resting brain connectivity by kisspeptin enhance sexual and emotional functions. <i>JCI Insight</i> , 2018, 3, .	5.0	26
43	Representing the Metabolome with High Fidelity: Range and Response as Quality Control Factors in LC-MS-Based Global Profiling. <i>Analytical Chemistry</i> , 2021, 93, 1924-1933.	6.5	26
44	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
45	Clinical Potential of Kisspeptin in Reproductive Health. <i>Trends in Molecular Medicine</i> , 2021, 27, 807-823.	6.7	25
46	Kisspeptin enhances brain responses to olfactory and visual cues of attraction in men. <i>JCI Insight</i> , 2020, 5, .	5.0	24
47	Intrinsic links among sex, emotion, and reproduction. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2197-2210.	5.4	23
48	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
49	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> , 2017, 102, 3349-3359.	3.6	21
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> , 2019, 220, 480.e1-480.e17.	1.3	21
51	Interpretation of Serum Gonadotropin Levels in Hyperprolactinaemia. <i>Neuroendocrinology</i> , 2018, 107, 105-113.	2.5	19
52	Targeting hepatic kisspeptin receptor ameliorates nonalcoholic fatty liver disease in a mouse model. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	19
53	Endocrine Requirements for Oocyte Maturation Following hCG, GnRH Agonist, and Kisspeptin During IVF Treatment. <i>Frontiers in Endocrinology</i> , 2020, 11, 537205.	3.5	18
54	Performance of plasma kisspeptin as a biomarker for miscarriage improves with gestational age during the first trimester. <i>Fertility and Sterility</i> , 2021, 116, 809-819.	1.0	17

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55	Treatments targeting neuroendocrine dysfunction in polycystic ovary syndrome (PCOS). <i>Clinical Endocrinology</i> , 2022, 97, 156-164.	2.4	17
56	IMAGING IN ENDOCRINOLOGY: The use of functional MRI to study the endocrinology of appetite. <i>European Journal of Endocrinology</i> , 2015, 173, R59-R68.	3.7	16
57	FSH Requirements for Follicle Growth During Controlled Ovarian Stimulation. <i>Frontiers in Endocrinology</i> , 2019, 10, 579.	3.5	16
58	Insights into Brown Adipose Tissue Physiology as Revealed by Imaging Studies. <i>Adipocyte</i> , 2015, 4, 1-12.	2.8	15
59	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> , 2021, 106, 1837-1848.	3.6	15
60	Targeting Elevated GnRH Pulsatility to Treat Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4275-e4277.	3.6	14
61	Baseline levels of seminal reactive oxygen species predict improvements in sperm function following antioxidant therapy in men with infertility. <i>Clinical Endocrinology</i> , 2021, 94, 102-110.	2.4	13
62	The 3rd World Conference on Kisspeptin, "Kisspeptin 2017: Brain and Beyond" Unresolved questions, challenges and future directions for the field. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12600.	2.6	12
63	Pharmacodynamic Response to Anti-thyroid Drugs in Graves' Hyperthyroidism. <i>Frontiers in Endocrinology</i> , 2020, 11, 286.	3.5	12
64	Characterization of Kisspeptin Neurons in the Human Rostral Hypothalamus. <i>Neuroendocrinology</i> , 2021, 111, 249-262.	2.5	12
65	The identification of elevated urinary kisspeptin-immunoreactivity during pregnancy. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 395-398.	1.6	11
66	Hypothalamic Response to Kisspeptin-54 and Pituitary Response to Gonadotropin-Releasing Hormone Are Preserved in Healthy Older Men. <i>Neuroendocrinology</i> , 2018, 106, 401-410.	2.5	11
67	Hypothalamic arcuate nucleus glucokinase regulates insulin secretion and glucose homeostasis. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2246-2254.	4.4	11
68	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
69	Emerging roles for kisspeptin in metabolism. <i>Journal of Physiology</i> , 2022, 600, 1079-1088.	2.9	11
70	Kisspeptin modulates gamma-aminobutyric acid levels in the human brain. <i>Psychoneuroendocrinology</i> , 2021, 129, 105244.	2.7	11
71	Changes in Circulating Kisspeptin Levels During Each Trimester in Women With Antenatal Complications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e71-e83.	3.6	11
72	Menopause review: Emerging treatments for menopausal symptoms. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2022, 81, 134-144.	2.8	11

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73	Regulation of the Hypothalamic-Pituitary-Testicular Axis: Pathophysiology of Hypogonadism. <i>Endocrinology and Metabolism Clinics of North America</i> , 2022, 51, 29-45.	3.2	11
74	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> , 2005, 17, 429-433.	1.6	10
75	Steroidogenic control of liver metabolism through a nuclear receptor-network. <i>Molecular Metabolism</i> , 2019, 30, 221-229.	6.5	10
76	G protein-coupled kisspeptin receptor induces metabolic reprogramming and tumorigenesis in estrogen receptor-negative breast cancer. <i>Cell Death and Disease</i> , 2020, 11, 106.	6.3	10
77	Acute Effects of Kisspeptin Administration on Bone Metabolism in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1529-1540.	3.6	9
78	Phoenixin and Its Role in Reproductive Hormone Release. <i>Seminars in Reproductive Medicine</i> , 2019, 37, 191-196.	1.1	8
79	Neurokinin B and Neurokinin-3 Receptor Signaling: Promising Developments in the Management of Menopausal Hot Flashes. <i>Seminars in Reproductive Medicine</i> , 2019, 37, 125-130.	1.1	8
80	Burdens and awareness of adverse self-reported lifestyle factors in men with subfertility: A cross-sectional study in 1149 men. <i>Clinical Endocrinology</i> , 2020, 93, 312-321.	2.4	8
81	Preserved C-peptide in survivors of COVID-19: Post hoc analysis. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 570-574.	4.4	8
82	Endocrinology: the next 60 years. <i>Journal of Endocrinology</i> , 2006, 190, 7-10.	2.6	7
83	Using Aptamers as a Novel Method for Determining GnRH/LH Pulsatility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7394.	4.1	7
84	Effects of the Hormone Kisspeptin on Reproductive Hormone Release in Humans. <i>Advances in Biology</i> , 2014, 2014, 1-10.	1.2	6
85	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> , 2016, 105, 320-327.	3.7	6
86	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> , 2018, 223, 2143-2156.	2.3	6
87	Determining the relationship between hot flashes and LH pulses in menopausal women using mathematical modelling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3628-3636.	3.6	6
88	Animal Models of Diabetes-Related Male Hypogonadism. <i>Frontiers in Endocrinology</i> , 2019, 10, 628.	3.5	6
89	Cortisol concentrations and mortality from COVID-19 – Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 809-810.	11.4	6
90	Effects of corticosterone within the hypothalamic arcuate nucleus on food intake and body weight in male rats. <i>Molecular Metabolism</i> , 2020, 36, 100972.	6.5	6

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91	Treating hot flushes with a neurokinin 3 receptor antagonist. <i>Oncotarget</i> , 2017, 8, 106153-106154.	1.8	6
92	Neurokinin 3 Receptor Antagonists Do Not Increase FSH or Estradiol Secretion in Menopausal Women. <i>Journal of the Endocrine Society</i> , 2020, 4, bvz009.	0.2	5
93	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> , 2021, 95, 618-627.	2.4	4
94	Commentary on "Pharmacodynamic Activity of the Novel Neurokinin-3 Receptor Antagonist SJX-653 in Healthy Men". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1028-e1030.	3.6	4
95	Identifying the outcomes important to men with hypogonadism: A qualitative evidence synthesis. <i>Andrology</i> , 2022, , .	3.5	4
96	Current pharmacotherapy and future directions for neuroendocrine causes of female infertility. <i>Expert Opinion on Pharmacotherapy</i> , 2023, 24, 37-47.	1.8	4
97	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> , 2018, 89, 798-804.	2.4	3
98	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
99	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
100	Kisspeptin, Neurokinin B and New Players in Reproduction. <i>Seminars in Reproductive Medicine</i> , 2019, 37, 153-154.	1.1	2
101	Kisspeptin, Neurokinin B and New Players in Reproduction. <i>Seminars in Reproductive Medicine</i> , 2019, 37, 045-046.	1.1	2
102	Live Birth in Sex-Reversed XY Mice Lacking the Nuclear Receptor Dax1. <i>Scientific Reports</i> , 2020, 10, 1703.	3.3	2
103	Synacthen Stimulation Test Following Unilateral Adrenalectomy Needs to Be Interpreted With Caution. <i>Frontiers in Endocrinology</i> , 2021, 12, 654600.	3.5	2
104	Associations of coefficient of variation of serum GH with previous radiotherapy, hypopituitarism and cardiac disease in patients with treated acromegaly. <i>Clinical Endocrinology</i> , 2015, 82, 870-875.	2.4	1
105	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
106	Kisspeptin, Neurokinin B and New Players in Reproduction. <i>Seminars in Reproductive Medicine</i> , 2019, 37, 107-108.	1.1	1
107	Clinical characteristics and comorbidities associated with testosterone prescribing in men. <i>Clinical Endocrinology</i> , 2021, , .	2.4	1
108	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

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109	Patient Age Predicts the Delay before Survivors of Cancer Utilise Their Cryopreserved Sperm for Assisted Reproductive Technology. Blood, 2015, 126, 4481-4481.	1.4	0
110	OUP accepted manuscript. Clinical Chemistry, 2022, , .	3.2	0