

Takeshi Iwasa

List of Publications by Year in descending order

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93
papers

1,504
citations

361413

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395702

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docs citations

93
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypophysiotropic role of RFamide-related peptide-3 in the inhibition of LH secretion in female rats. <i>Journal of Endocrinology</i> , 2008, 199, 105-112.	2.6	225
2	Assisted reproductive technology in Japan: a summary report of 1992–2014 by the Ethics Committee, Japan Society of Obstetrics and Gynecology. <i>Reproductive Medicine and Biology</i> , 2017, 16, 126-132.	2.4	70
3	Hypothalamic Kiss1 and RFRP gene expressions are changed by a high dose of lipopolysaccharide in female rats. <i>Hormones and Behavior</i> , 2014, 66, 309-316.	2.1	66
4	Developmental changes in the mammalian gonadotropin-inhibitory hormone (GnIH) ortholog RFamide-related peptide (RFRP) and its cognate receptor GPR147 in the rat hypothalamus. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 31-37.	1.6	52
5	Fasting reduces the kiss1 mRNA levels in the caudal hypothalamus of gonadally intact adult female rats. <i>Endocrine Journal</i> , 2011, 58, 1003-1012.	1.6	48
6	11-oxygenated C19 steroids as circulating androgens in women with polycystic ovary syndrome. <i>Endocrine Journal</i> , 2018, 65, 979-990.	1.6	41
7	Hypothalamic Ghrelin Suppresses Pulsatile Secretion of Luteinizing Hormone via δ^2 -Endorphin in Ovariectomized Rats. <i>Neuroendocrinology</i> , 2009, 90, 364-370.	2.5	39
8	Steroidogenic pathways involved in androgen biosynthesis in eumenorrhic women and patients with polycystic ovary syndrome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 31-37.	2.5	35
9	The roles of kisspeptin and gonadotropin inhibitory hormone in stress-induced reproductive disorders. <i>Endocrine Journal</i> , 2018, 65, 133-140.	1.6	35
10	Changes in central and peripheral inflammatory responses to lipopolysaccharide in ovariectomized female rats. <i>Cytokine</i> , 2014, 65, 65-73.	3.2	34
11	Neonatal LPS injection alters the body weight regulation systems of rats under non-stress and immune stress conditions. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 119-124.	1.6	31
12	Kisspeptin mRNA expression is increased in the posterior hypothalamus in the rat model of polycystic ovary syndrome. <i>Endocrine Journal</i> , 2017, 64, 7-14.	1.6	31
13	Neonatal immune challenge affects the regulation of estrus cyclicity and feeding behavior in female rats. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 111-114.	1.6	28
14	Gonadotropin-Inhibitory Hormone Plays Roles in Stress-Induced Reproductive Dysfunction. <i>Frontiers in Endocrinology</i> , 2017, 8, 62.	3.5	28
15	Sensitivities of mRNA expression levels of Kiss1 and its receptor, Kiss1r, to nutritional status are changed during the developmental period in female rats. <i>Journal of Endocrinology</i> , 2010, 207, 195-202.	2.6	27
16	Effects of ovariectomy on the inflammatory responses of female rats to the central injection of lipopolysaccharide. <i>Journal of Neuroimmunology</i> , 2014, 277, 50-56.	2.3	25
17	Relationship between serum anti-Mullerian hormone and clinical parameters in polycystic ovary syndrome. <i>Endocrine Journal</i> , 2017, 64, 531-541.	1.6	25
18	Neonatal lipopolysaccharide exposure attenuates the homotypic stress-induced suppression of LH secretion in adulthood in male rat. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 345-349.	1.6	24

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19	Developmental changes in the hypothalamic mRNA levels of prepro α -orexin and orexin receptors and their sensitivity to fasting in male and female rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 46, 51-54.	1.6	23
20	Effects of chronic testosterone administration on body weight and food intake differ among pre-pubertal, gonadal-intact, and ovariectomized female rats. <i>Behavioural Brain Research</i> , 2016, 309, 35-43.	2.2	22
21	Oxytocin treatment reduced food intake and body fat and ameliorated obesity in ovariectomized female rats. <i>Neuropeptides</i> , 2019, 75, 49-57.	2.2	22
22	Prenatal exposure to glucocorticoids affects body weight, serum leptin levels, and hypothalamic neuropeptide α -Y expression in pre α -pubertal female rat offspring. <i>International Journal of Developmental Neuroscience</i> , 2014, 36, 1-4.	1.6	21
23	Diagnostic Performance of Serum Total Testosterone for Japanese Patients with Polycystic Ovary Syndrome. <i>Endocrine Journal</i> , 2007, 54, 233-238.	1.6	20
24	Prepubertal exposure to glucocorticoid delays puberty independent of the hypothalamic Kiss1 α -GnRH system in female rats. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 596-601.	1.6	20
25	The effects of ovariectomy and lifelong high-fat diet consumption on body weight, appetite, and lifespan in female rats. <i>Hormones and Behavior</i> , 2018, 97, 25-30.	2.1	18
26	Delayed puberty in prenatally glucocorticoid administered female rats occurs independently of the hypothalamic Kiss1 α -GnRH system. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 183-188.	1.6	17
27	Changes in responsiveness of appetite, leptin and hypothalamic IL-1 β and TNF- α to lipopolysaccharide in developing rats. <i>Journal of Neuroimmunology</i> , 2011, 236, 10-16.	2.3	16
28	Assisted reproductive technology in Japan: A summary report for 2019 by the Ethics Committee of the Japan Society of Obstetrics and Gynecology. <i>Reproductive Medicine and Biology</i> , 2022, 21, e12434.	2.4	16
29	Effects of chronic testosterone administration on the degree of preference for a high-fat diet and body weight in gonadal-intact and ovariectomized female rats. <i>Behavioural Brain Research</i> , 2018, 349, 102-108.	2.2	15
30	Changes in the responsiveness of serum leptin and hypothalamic neuropeptide Y mRNA levels to food deprivation in developing rats. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 377-380.	1.6	14
31	Changes in the responsiveness of hypothalamic prokineticin 2 mRNA expression to food deprivation in developing female rats. <i>International Journal of Developmental Neuroscience</i> , 2014, 34, 76-78.	1.6	14
32	Neuropeptide Y mediates orexin A-mediated suppression of pulsatile gonadotropin-releasing hormone secretion in ovariectomized rats. <i>Journal of Medical Investigation</i> , 2011, 58, 11-18.	0.5	13
33	The responses of hypothalamic NPY and OBRb mRNA expression to food deprivation develop during the neonatal α -prepubertal period and exhibit gender differences in rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 41, 63-67.	1.6	13
34	LH and testosterone production are more sensitive to the suppressive effects of food deprivation in prenatally undernourished male rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 43, 66-69.	1.6	13
35	Effects of Low Energy Availability on Reproductive Functions and Their Underlying Neuroendocrine Mechanisms. <i>Journal of Clinical Medicine</i> , 2018, 7, 166.	2.4	13
36	Pre α -pubertal serum leptin levels and sensitivity to central leptin injection of prenatally undernourished female rats. <i>International Journal of Developmental Neuroscience</i> , 2014, 35, 52-54.	1.6	12

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37	The effects of chronic testosterone administration on body weight, food intake, and adipose tissue are changed by estrogen treatment in female rats. <i>Hormones and Behavior</i> , 2017, 93, 53-61.	2.1	12
38	The effects of chronic oxytocin administration on body weight and food intake in DHT-induced PCOS model rats. <i>Gynecological Endocrinology</i> , 2020, 36, 55-60.	1.7	12
39	Effects of peripheral oxytocin administration on body weight, food intake, adipocytes, and biochemical parameters in peri- and postmenopausal female rats. <i>Endocrine Journal</i> , 2021, 68, 7-16.	1.6	12
40	A novel PCOS rat model and an evaluation of its reproductive, metabolic, and behavioral phenotypes. <i>Reproductive Medicine and Biology</i> , 2022, 21, e12416.	2.4	12
41	Sphingosine 1-Phosphate (S1P) in the Peritoneal Fluid Skews M2 Macrophage and Contributes to the Development of Endometriosis. <i>Biomedicines</i> , 2021, 9, 1519.	3.2	11
42	The effects of LPS-induced endotoxemia on the expression of adiponectin and its receptors in female rats. <i>Endocrine Journal</i> , 2014, 61, 891-900.	1.6	10
43	The suppressive effect of immune stress on LH secretion is absent in the early neonatal period in rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 46, 38-43.	1.6	10
44	Effects of chronic DHEA treatment on central and peripheral reproductive parameters, the onset of vaginal opening and the estrous cycle in female rats. <i>Gynecological Endocrinology</i> , 2016, 32, 752-755.	1.7	10
45	The effects of chronic testosterone administration on hypothalamic gonadotropin-releasing hormone regulatory factors (Kiss1, NKB, pDyn and RFRP) and their receptors in female rats. <i>Gynecological Endocrinology</i> , 2018, 34, 437-441.	1.7	10
46	Effects of low energy availability on female reproductive function. <i>Reproductive Medicine and Biology</i> , 2022, 21, e12414.	2.4	10
47	Developmental changes in hypothalamic oxytocin and oxytocin receptor mRNA expression and their sensitivity to fasting in male and female rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 41, 105-109.	1.6	9
48	Reproducibility of luteinizing hormone hypersecretion in different phases of the menstrual cycle in polycystic ovary syndrome. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009, 35, 514-519.	1.3	8
49	Effect of immune stress on body weight regulation is altered by ovariectomy in female rats. <i>Journal of Reproductive Immunology</i> , 2011, 91, 41-47.	1.9	8
50	The effects of prenatal undernutrition and postnatal high-fat diet on hypothalamic Kiss1 mRNA and serum leptin levels. <i>International Journal of Developmental Neuroscience</i> , 2015, 42, 76-79.	1.6	8
51	Developmental changes in hypothalamic toll-like receptor 4 mRNA expression and the effects of lipopolysaccharide on such changes in female rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 40, 12-14.	1.6	8
52	The expression of orexigenic and anorexigenic factors in middle-aged female rats that had been subjected to prenatal undernutrition. <i>International Journal of Developmental Neuroscience</i> , 2016, 49, 1-5.	1.6	8
53	The effects of chronic testosterone administration on body weight, food intake, and fat weight were age-dependent. <i>Steroids</i> , 2017, 127, 18-23.	1.8	8
54	Prenatal undernutrition suppresses sexual behavior in female rats. <i>General and Comparative Endocrinology</i> , 2018, 269, 46-52.	1.8	8

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55	The influence of psychological stress in early life on sexual maturation and sexual behavior in male and female rats. <i>Reproductive Medicine and Biology</i> , 2020, 19, 135-141.	2.4	8
56	Transgender man receiving testosterone treatment became pregnant and delivered a girl: A case report. <i>Journal of Obstetrics and Gynaecology Research</i> , 2022, 48, 866-868.	1.3	8
57	Effects of lipopolysaccharide exposure at different postnatal time points on the response of LH to homotypic stress in adulthood. <i>Journal of Reproductive Immunology</i> , 2012, 94, 155-160.	1.9	7
58	Prenatal undernutrition increases the febrile response to lipopolysaccharides in adulthood in male rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 44, 1-5.	1.6	7
59	Developmental changes in the hypothalamic mRNA expression levels of brain-derived neurotrophic factor and serum leptin levels: Their responses to fasting in male and female rats. <i>International Journal of Developmental Neuroscience</i> , 2016, 54, 1-5.	1.6	7
60	Developmental changes in the hypothalamic mRNA expression levels of PACAP and its receptor PAC1 and their sensitivity to fasting in male and female rats. <i>International Journal of Developmental Neuroscience</i> , 2016, 52, 33-37.	1.6	7
61	The sensitivity of adipose tissue visfatin mRNA expression to lipopolysaccharide-induced endotoxemia is increased by ovariectomy in female rats. <i>International Immunopharmacology</i> , 2016, 35, 243-247.	3.8	7
62	The effects of prenatal undernutrition and a high-fat postnatal diet on central and peripheral orexigenic and anorexigenic factors in female rats. <i>Endocrine Journal</i> , 2017, 64, 597-604.	1.6	7
63	The reduction in sexual behavior induced by neonatal immune stress is not related to androgen levels in male rats. <i>International Journal of Developmental Neuroscience</i> , 2018, 71, 163-171.	1.6	7
64	Activin effects on follicular growth in <i>in vitro</i> preantral follicle culture. <i>Journal of Medical Investigation</i> , 2019, 66, 165-171.	0.5	7
65	Extreme leanness, lower skeletal muscle quality, and loss of muscle mass during treatment are predictors of poor prognosis in cervical cancer treated with concurrent chemoradiation therapy. <i>International Journal of Clinical Oncology</i> , 2022, 27, 983-991.	2.2	7
66	Developmental changes in hypothalamic SF-1, POMC, and ER α mRNA expression and their sensitivity to fasting in male and female rats. <i>Endocrine Journal</i> , 2017, 64, 1157-1163.	1.6	6
67	Effects of dihydrotestosterone administration on the expression of reproductive and body weight regulatory factors in ovariectomized and estradiol-treated female rats. <i>Gynecological Endocrinology</i> , 2018, 34, 73-77.	1.7	6
68	Neurokinin B receptor agonist and Dynorphin receptor antagonist stimulated luteinizing hormone secretion in fasted male rodents. <i>Endocrine Journal</i> , 2018, 65, 485-492.	1.6	6
69	Effects of gonadal status and the estrogen milieu on hypothalamic oxytocin gene expression and serum oxytocin levels in female rats. <i>Hormones and Behavior</i> , 2021, 133, 105005.	2.1	6
70	Correlations of androstenediol with reproductive hormones and cortisol according to stages during the menopausal transition in Japanese women. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 106009.	2.5	6
71	Prenatal undernutrition disrupted the sexual maturation, but not the sexual behavior, in male rats. <i>Reproductive Medicine and Biology</i> , 2017, 16, 325-329.	2.4	5
72	Development-related changes in the expression of the ovarian <i>Kiss1</i> and <i>Kiss1r</i> genes and their sensitivity to human chorionic gonadotropin in prepubertal female rats. <i>Journal of Reproduction and Development</i> , 2017, 63, 409-414.	1.4	5

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73	Prenatal undernutrition affects the phenotypes of PCOS model rats. <i>Journal of Endocrinology</i> , 2018, 239, 137-151.	2.6	5
74	The reduction in sexual behavior of adult female rats exposed to immune stress in the neonatal period is associated with reduced hypothalamic progesterone receptor expression. <i>General and Comparative Endocrinology</i> , 2020, 288, 113360.	1.8	5
75	Changes in the responsiveness of hypothalamic PK2 and PKR1 gene expression to fasting in developing male rats. <i>International Journal of Developmental Neuroscience</i> , 2014, 38, 87-90.	1.6	4
76	The effects of ovariectomy and LPS-induced endotoxemia on resistin levels in female rats. <i>Cytokine</i> , 2015, 76, 558-560.	3.2	4
77	Effect of high fat diet on artificial oocyte activation following superovulation in mice. <i>Zygote</i> , 2016, 24, 286-292.	1.1	4
78	Prenatal undernutrition results in greater lipopolysaccharide-induced changes in hypothalamic TNF- α expression, but does not affect the equivalent changes in the serum levels of luteinizing hormone and testosterone, in adult male rats. <i>International Journal of Developmental Neuroscience</i> , 2016, 48, 80-83.	1.6	4
79	Developmental changes in the hypothalamic mRNA levels of nucleobindin-2 (NUCB2) and their sensitivity to fasting in male and female rats. <i>International Journal of Developmental Neuroscience</i> , 2016, 49, 46-49.	1.6	4
80	Effects of LPS injection on the hypothalamic and testicular mRNA expression levels of reproductive factors in male rats. <i>Neuroendocrinology Letters</i> , 2015, 36, 193-5.	0.2	3
81	Changes in leptin production/secretion induced in response to septic doses of lipopolysaccharides in gonadally intact and ovariectomized female rats. <i>Journal of Reproductive Immunology</i> , 2014, 104-105, 92-95.	1.9	2
82	Blood allopregnanolone levels in women with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2016, 85, 151-152.	2.4	2
83	Neuroendocrine mechanisms of reproductive dysfunctions in undernourished condition. <i>Journal of Obstetrics and Gynaecology Research</i> , 2022, 48, 568-575.	1.3	2
84	Successful Advanced Maternal Age Pregnancy with Mosaic Turner Syndrome Conceived after Ovulation Induction with Clomiphene Citrate: A Case Report. <i>Case Reports in Obstetrics and Gynecology</i> , 2014, 2014, 1-2.	0.3	1
85	Prenatal undernutrition decreases the anorectic response to septic doses of lipopolysaccharides in adulthood in male rats. <i>International Journal of Developmental Neuroscience</i> , 2018, 69, 39-43.	1.6	1
86	Prenatal undernutrition attenuates fasting-induced reproductive dysfunction in prepubertal male rats. <i>International Journal of Developmental Neuroscience</i> , 2018, 71, 30-33.	1.6	1
87	Mental stress promotes the proliferation of endometriotic lesions in mice. <i>Cytokine</i> , 2020, 135, 155222.	3.2	1
88	Monochorionic Dizygotic Twins Conceived Spontaneously Showed Chimerism in Karyotype and Blood Group Type. <i>Twin Research and Human Genetics</i> , 2021, 24, 184-186.	0.6	1
89	The effects of androgens on metabolic functions in females. <i>Journal of Medical Investigation</i> , 2021, 68, 228-231.	0.5	1
90	Improvement in diagnostic performance of the revised total testosterone measuring system in Japanese women with polycystic ovary syndrome. <i>Journal of Medical Investigation</i> , 2000, 40, 65-71.	0.5	0

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91	Developmental changes in the responsiveness of hypothalamic ER alpha mRNA levels to food deprivation. <i>Neuroendocrinology Letters</i> , 2013, 34, 543-8.	0.2	0
92	Caseâ€based survey: The impact of breastâ€cancer treatment on fertility in Japan. <i>Journal of Obstetrics and Gynaecology Research</i> , 2022, 48, 553-562.	1.3	0
93	External iliac vessel injury necessitating thrombectomy after laparoscopic endometrial cancer surgery: A case report. <i>Japanese Journal of Gynecologic and Obstetric Endoscopy</i> , 2022, 38, 63-68.	0.0	0