Donald W Pfaff

List of Publications by Year in Descending Order

387 papers	25,674 citations	85 h-index	141 g-index
392 ext. papers	27,123 ext. citations	5.8 avg, IF	6.79 L-index

#	Paper	IF	Citations
387	Fish as a model in social neuroscience: conservation and diversity in the social brain network. *Biological Reviews*, **2021**, 96, 999-1020	13.5	9
386	Potassium channels and the development of arousal-relevant action potential trains in primary hindbrain neurons. *Brain Research*, **2021**, 1768, 147574	3.7	1
385	Kv2.1 expression in giant reticular neurons of the postnatal mouse brain. *Journal of Chemical Neuroanatomy*, **2021**, 117, 102005	3.2	
384	Equation representing the dark-entrained transition from inaction to action in male and female mice. *Behavioural Brain Research*, **2020**, 392, 112673	3.4	
383	Mechanisms for the Approach/Avoidance Decision Applied to Autism. *Trends in Neurosciences*, **2019**, 42, 448-457	13.3	11
382	Tinbergen challenge for the neuroscience of behavior. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9704-9710	11.5	6
381	Maternal diabetes induces autism-like behavior by hyperglycemia-mediated persistent oxidative stress and suppression of superoxide dismutase 2. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 23743-23752	11.5	29
380	Can distinctly different rapid estrogen actions share a common mechanistic step?. *Hormones and Behavior*, **2018**, 104, 156-164	3.7	3
379	Hormone-dependent medial preoptic/lumbar spinal cord/autonomic coordination supporting male sexual behaviors. *Molecular and Cellular Endocrinology*, **2018**, 467, 21-30	4.4	21
378	Reproducibility and replicability of rodent phenotyping in preclinical studies. *Neuroscience and Biobehavioral Reviews*, **2018**, 87, 218-232	9	83
377	Molecular profiling of reticular gigantocellularis neurons indicates that eNOS modulates environmentally dependent levels of arousal. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E6900-E6909	11.5	18
376	Sex-specific gene-environment interactions underlying ASD-like behaviors. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 1383-1388	11.5	72
375	Building Bridges through Science. *Neuron*, **2017**, 96, 730-735	13.9	2
374	Stress and corticosteroids regulate rat hippocampal mitochondrial DNA gene expression via the glucocorticoid receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 9099-104	11.5	82
373	Development of Electrophysiological Properties of Nucleus Gigantocellularis Neurons Correlated with Increased CNS Arousal. *Developmental Neuroscience*, **2016**, 38, 295-310	2.2	17
372	Phase-Amplitude Coupling in Spontaneous Mouse Behavior. *PLoS ONE*, **2016**, 11, e0162262	3.7	4
371	Estrogens, androgens and generalized behavioral arousal in gonadectomized female and male C57BL/6 mice. *Physiology and Behavior*, **2015**, 147, 255-63	3.5	8

370	Stochastic modeling of mouse motor activity under deep brain stimulation: the extraction of arousal information. *PLoS Computational Biology*, **2015**, 11, e1003883	5	12
369	Deconstructing and reconstructing theory of mind. *Trends in Cognitive Sciences*, **2015**, 19, 65-72	14	276
368	Stress and the dynamic genome: Steroids, epigenetics, and the transposome. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 6828-33	11.5	97
367	Terminal innervation of female genitalia, cutaneous sensory receptors of the epithelium of the labia minora. *Clinical Anatomy*, **2015**, 28, 392-8	2.5	12
366	Terminal innervation of the male genitalia, cutaneous sensory receptors of the male foreskin. *Clinical Anatomy*, **2015**, 28, 385-91	2.5	13
365	Self-assessment of anatomy, sexual sensitivity, and function of the labia and vagina. *Clinical Anatomy*, **2015**, 28, 355-62	2.5	14
364	Implications of Epigenetic Variability within a Cell Population for "Cell Type" Classification. *Frontiers in Behavioral Neuroscience*, **2015**, 9, 342	3.5	19
363	Impact of Thyroid Hormones on Estrogen Receptor Dependent Transcriptional Mechanisms in Ventromedial Hypothalamus and Preoptic Area. *Neuroendocrinology*, **2015**, 101, 331-46	5.6	10
362	Epigenetic changes in the developing brain: Effects on behavior. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 6789-95	11.5	37
361	Rapid increases in immature synapses parallel estrogen-induced hippocampal learning enhancements. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 16018-23	11.5	71
360	Etiologies underlying sex differences in Autism Spectrum Disorders. *Frontiers in Neuroendocrinology*, **2014**, 35, 255-71	8.9	121
359	Estrogen receptor-mediated transcription involves the activation of multiple kinase pathways in neuroblastoma cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2014**, 139, 45-53	5.1	29
358	Estradiol regulates responsiveness of the dorsal premammillary nucleus of the hypothalamus and affects fear- and anxiety-like behaviors in female rats. *European Journal of Neuroscience*, **2014**, 40, 2344-51	3.5	5
357	Sexually dimorphic responses to early adversity: implications for affective problems and autism spectrum disorder. *Psychoneuroendocrinology*, **2014**, 49, 11-25	5	97
356	Temporally-patterned deep brain stimulation in a mouse model of multiple traumatic brain injury. *Behavioural Brain Research*, **2014**, 273, 123-32	3.4	29
355	Recovery of consciousness is mediated by a network of discrete metastable activity states. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 9283-8	11.5	113
354	Exercise reinforcement, stress, and endorphins: an initial examination of exercise in anabolic-androgenic steroid dependence. *Drug and Alcohol Dependence*, **2014**, 139, 86-92	4.9	10
353	Distinct behavioral phenotypes in male mice lacking the thyroid hormone receptor or isoforms. *Hormones and Behavior*, **2013**, 63, 742-51	3.7	15

352	Oxytocin, vasopressin and estrogen receptor gene expression in relation to social recognition in female mice. *Physiology and Behavior*, **2012**, 105, 915-24	3.5	40
351	Scale invariance in the dynamics of spontaneous behavior. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 10564-9	11.5	78
350	Origins of arousal: roles for medullary reticular neurons. *Trends in Neurosciences*, **2012**, 35, 468-76	13.3	65
349	siRNA silencing of estrogen receptor-α expression specifically in medial preoptic area neurons abolishes maternal care in female mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 16324-9	11.5	60
348	The role of the estrogen receptor α in the medial preoptic area in sexual incentive motivation, proceptivity and receptivity, anxiety, and wheel running in female rats. *Behavioural Brain Research*, **2012**, 230, 11-20	3.4	68
347	Acute stress and hippocampal histone H3 lysine 9 trimethylation, a retrotransposon silencing response. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 17657-62	11.5	141
346	Effects of chronic social defeat on behavioral and neural correlates of sociality: Vasopressin, oxytocin and the vasopressinergic V1b receptor. *Physiology and Behavior*, **2011**, 103, 393-403	3.5	72
345	The diagnostic dilemma of pathological appearance and performance enhancing drug use. *Drug and Alcohol Dependence*, **2011**, 114, 1-11	4.9	39
344	Immunocytochemical characterization of pacinian-like corpuscles in the labia minora of prepubertal girls. *Journal of Pediatric and Adolescent Gynecology*, **2011**, 24, 353-8	2	2
343	How generalized CNS arousal strengthens sexual arousal (and vice versa). *Hormones and Behavior*, **2011**, 59, 689-95	3.7	28
342	Male predominance in autism: neuroendocrine influences on arousal and social anxiety. *Autism Research*, **2011**, 4, 163-76	5.1	61
341	Persistent increase in hypothalamic arginine vasopressin gene expression during protracted withdrawal from chronic escalating-dose cocaine in rodents. *Neuropsychopharmacology*, **2011**, 36, 2062-75	8.7	34
340	Contrasting effects of leptin on food anticipatory and total locomotor activity. *PLoS ONE*, **2011**, 6, e23364	3.7	56
339	Multimodal sensory responses of nucleus reticularis gigantocellularis and the responses' relation to cortical and motor activation. *Journal of Neurophysiology*, **2010**, 103, 2326-38	3.2	42
338	Impact of generalized brain arousal on sexual behavior. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 2265-70	11.5	41
337	Histaminergic responses by hypothalamic neurons that regulate lordosis and their modulation by estradiol. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 12311-6	11.5	25
336	Effects of gender and personality on the Conners Continuous Performance Test. *Journal of Clinical and Experimental Neuropsychology*, **2010**, 32, 66-70	2.1	20
335	Estrogen-induced sexual incentive motivation, proceptivity and receptivity depend on a functional estrogen receptor alpha in the ventromedial nucleus of the hypothalamus but not in the amygdala. *Neuroendocrinology*, **2010**, 91, 142-54	5.6	54

334	Reproductive behaviors: new developments in concepts and in molecular mechanisms progress in brain research, Luciano Martini, editor, January 19, 2010. *Progress in Brain Research*, **2010**, 181, 35-41	2.9	2
333	Estradiol regulation of lipocalin-type prostaglandin D synthase promoter activity: evidence for direct and indirect mechanisms. *Neuroscience Letters*, **2010**, 474, 17-21	3.3	25
332	Innervation of the labia minora of prepubertal girls. *Journal of Pediatric and Adolescent Gynecology*, **2010**, 23, 352-7	2	29
331	Detection of RXFP1 receptors in skin biopsies from children with congenital adrenal hyperplasia: a preliminary report. *Journal of Pediatric Urology*, **2010**, 6, 389-95	1.5	3
330	Conceptualizing the role of estrogens and serotonin in the development and maintenance of bulimia nervosa. *Clinical Psychology Review*, **2010**, 30, 655-68	10.8	36
329	The role of the estrogen receptor alpha in the medial amygdala and ventromedial nucleus of the hypothalamus in social recognition, anxiety and aggression. *Behavioural Brain Research*, **2010**, 210, 211-20	3.4	104
328	Temporal patterning of pulses during deep brain stimulation affects central nervous system arousal. *Behavioural Brain Research*, **2010**, 214, 377-85	3.4	38
327	Hormone/brain relations serving the unity of the body. *Physiology and Behavior*, **2010**, 99, 149-50	3.5	1
326	Gene expression in neuroendocrine cells during the critical period for sexual differentiation of the brain. *Progress in Brain Research*, **2010**, 186, 97-111	2.9	13
325	Agonistic behavior in males and females: effects of an estrogen receptor beta agonist in gonadectomized and gonadally intact mice. *Psychoneuroendocrinology*, **2010**, 35, 1008-22	5	59
324	Distribution of estrogen receptor □containing cells in the brains of bacterial artificial chromosome transgenic mice. *Brain Research*, **2010**, 1351, 74-96	3.7	49
323	Histone modifications proposed to regulate sexual differentiation of brain and behavior. *BioEssays*, **2010**, 32, 932-9	4.1	22
322	Regulation of hippocampal H3 histone methylation by acute and chronic stress. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 20912-7	11.5	231
321	Stomach ghrelin-secreting cells as food-entrainable circadian clocks. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 13582-7	11.5	244
320	Development of mechanisms that regulate global CNS states: an introduction. *Developmental Neuroscience*, **2009**, 31, 251-4	2.2	
319	Estradiol modulates behavioral arousal and induces changes in gene expression profiles in brain regions involved in the control of vigilance. *European Journal of Neuroscience*, **2009**, 29, 795-801	3.5	45
318	Relationship of arousal to circadian anticipatory behavior: ventromedial hypothalamus: one node in a hunger-arousal network. *European Journal of Neuroscience*, **2009**, 30, 1730-8	3.5	21
317	Definition of arousal and mechanistic studies in intact and brain-damaged mice. *Annals of the New York Academy of Sciences*, **2009**, 1157, 24-31	6.5	4

316	Sex on the brain. *Cell*, **2009**, 139, 19-21	56.2	7
315	Effect of ER-beta gene disruption on estrogenic regulation of anxiety in female mice. *Physiology and Behavior*, **2009**, 96, 300-6	3.5	57
314	Success of treatment modalities for labial fusion: a retrospective evaluation of topical and surgical treatments. *Journal of Pediatric and Adolescent Gynecology*, **2009**, 22, 247-50	2	43
313	Clitoral sexual arousal: an immunocytochemical and innervation study of the clitoris. *BJU International*, **2008**, 101, 1407-13	5.6	50
312	Oestrogen receptors and their relation to neural receptive tissue of the labia minora. *BJU International*, **2008**, 101, 1401-6	5.6	34
311	Oestrogen receptor expression and neuronal nitric oxide synthase in the clitoris and preputial gland structures of mice. *BJU International*, **2008**, 102, 1719-23	5.6	29
310	Non-genomic actions of estrogens and their interaction with genomic actions in the brain. *Frontiers in Neuroendocrinology*, **2008**, 29, 238-57	8.9	272
309	Estrogen receptors alpha and beta mediate different aspects of the facilitatory effects of female cues on male risk taking. *Psychoneuroendocrinology*, **2008**, 33, 634-42	5	16
308	Steroidal/neuropeptide interactions in hypothalamus and amygdala related to social anxiety. *Progress in Brain Research*, **2008**, 170, 291-303	2.9	59
307	Estradiol modulation of phenylephrine-induced excitatory responses in ventromedial hypothalamic neurons of female rats. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 7333-8	11.5	18
306	A recently identified hypothalamic nucleus expressing estrogen receptor alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 13632-7	11.5	14
305	Differential effects of estrogen receptor alpha and beta specific agonists on social learning of food preferences in female mice. *Neuropsychopharmacology*, **2008**, 33, 2362-75	8.7	62
304	Brain mast cells link the immune system to anxiety-like behavior. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 18053-7	11.5	124
303	Concepts and mechanisms of generalized central nervous system arousal. *Annals of the New York Academy of Sciences*, **2008**, 1129, 11-25	6.5	87
302	Mechanisms for the regulation of state changes in the central nervous system: an introduction. *Annals of the New York Academy of Sciences*, **2008**, 1129, 1-7	6.5	32
301	Molecular and biophysical mechanisms of arousal, alertness, and attention. Preface. *Annals of the New York Academy of Sciences*, **2008**, 1129, xi	6.5	4
300	Generalized Brain Arousal Mechanisms Contributing to Libido. *Neuropsychoanalysis*, **2007**, 9, 173-181	0.8	6
299	Development of a sexually differentiated behavior and its underlying CNS arousal functions. *Current Topics in Developmental Biology*, **2007**, 79, 37-59	5.3	7

298	Histamine-induced excitatory responses in mouse ventromedial hypothalamic neurons: ionic mechanisms and estrogenic regulation. *Journal of Neurophysiology*, **2007**, 98, 3143-52	3.2	31
297	A theoretical framework for CNS arousal. *BioEssays*, **2007**, 29, 803-10	4.1	36
296	Silencing of estrogen receptor alpha in the ventromedial nucleus of hypothalamus leads to metabolic syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 2501-6	11.5	380
295	Arousal of cerebral cortex electroencephalogram consequent to high-frequency stimulation of ventral medullary reticular formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 18292-6	11.5	29
294	Microparticle-based delivery of oxytocin receptor antisense DNA in the medial amygdala blocks social recognition in female mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 4670-5	11.5	140
293	Two forces for arousal: Pitting hunger versus circadian influences and identifying neurons responsible for changes in behavioral arousal. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 20078-83	11.5	41
292	Gene-hormone-environment interactions in the regulation of aggressive responses: elegant analysis of complex behavior. *Scienceis STKE: Signal Transduction Knowledge Environment*, **2007**, 2007, pe55		
291	Interactions between estrogen effects and hunger effects in ovariectomized female mice. I. Measures of arousal. *Hormones and Behavior*, **2007**, 52, 546-53	3.7	9
290	Functional genomics of sex hormone-dependent neuroendocrine systems: specific and generalized actions in the CNS. *Progress in Brain Research*, **2006**, 158, 243-72	2.9	12
289	Cybernetic principles in the systematic concept of hypothalamic feeding control. *European Journal of Endocrinology*, **2006**, 154, 167-73	6.5	9
288	Mechanisms underlying sexual and affiliative behaviors of mice: relation to generalized CNS arousal. *Social Cognitive and Affective Neuroscience*, **2006**, 1, 260-70	4	9
287	Inadvertent social information and the avoidance of parasitized male mice: a role for oxytocin. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 4293-8	11.5	67
286	RNAi-mediated silencing of estrogen receptor {alpha} in the ventromedial nucleus of hypothalamus abolishes female sexual behaviors. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 10456-10460	11.5	179
285	Mathematical analysis of locomotor behavior by mice in a radial maze. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 15710-5	11.5	
284	Significance of topical estrogens to labial fusion and vaginal introital integrity. *Journal of Pediatric and Adolescent Gynecology*, **2006**, 19, 337-9	2	33
283	Estrogen facilitates fear conditioning and increases corticotropin-releasing hormone mRNA expression in the central amygdala in female mice. *Hormones and Behavior*, **2006**, 49, 197-205	3.7	114
282	CNS arousal mechanisms bearing on sex and other biologically regulated behaviors. *Physiology and Behavior*, **2006**, 88, 283-93	3.5	30
281	Abolition of sex-dependent effects of prenatal exposure to diethylstilbestrol on emotional behavior in estrogen receptor-alpha knockout mice. *NeuroReport*, **2006**, 17, 1169-73	1.7	4

280	Estrogen receptor-beta gene disruption potentiates estrogen-inducible aggression but not sexual behaviour in male mice. *European Journal of Neuroscience*, **2006**, 23, 1860-8	3.5	48
279	Social and sexual motivation in the mouse. *Behavioral Neuroscience*, **2005**, 119, 1628-39	2.1	41
278	Recognition and avoidance of the odors of parasitized conspecifics and predators: differential genomic correlates. *Neuroscience and Biobehavioral Reviews*, **2005**, 29, 1347-59	9	85
277	Involvement of the oxytocin gene in the recognition and avoidance of parasitized males by female mice. *Animal Behaviour*, **2005**, 70, 693-702	2.8	25
276	Genes, odours and the recognition of parasitized individuals by rodents. *Trends in Parasitology*, **2005**, 21, 423-9	6.4	76
275	Generalized arousal of mammalian central nervous system. *Journal of Comparative Neurology*, **2005**, 493, 86-91	3.4	28
274	Calcium flux in neuroblastoma cells is a coupling mechanism between non-genomic and genomic modes of estrogens. *Neuroendocrinology*, **2005**, 81, 174-82	5.6	19
273	Nonmammalian gonadotropin-releasing hormone molecules in the brain of promoter transgenic rats. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 5880-5	11.5	17
272	Sex differences in estrogenic regulation of neuronal activity in neonatal cultures of ventromedial nucleus of the hypothalamus. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 14907-12	11.5	15
271	Hormone-driven mechanisms in the central nervous system facilitate the analysis of mammalian behaviours. *Journal of Endocrinology*, **2005**, 184, 447-53	4.7	45
270	Thyroid hormone can increase estrogen-mediated transcription from a consensus estrogen response element in neuroblastoma cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 4890-5	11.5	30
269	Genes for sex hormone receptors controlling mouse aggression. *Novartis Foundation Symposium*, **2005**, 268, 78-89; discussion 89-95, 96-9		5
268	Genetic influences on aggressive behaviors and arousability in animals. *Annals of the New York Academy of Sciences*, **2004**, 1036, 257-66	6.5	34
267	Youth violence. Scientific approaches to prevention. Prologue. *Annals of the New York Academy of Sciences*, **2004**, 1036, ix-xii	6.5	3
266	The membrane actions of estrogens can potentiate their lordosis behavior-facilitating genomic actions. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 12354-7	11.5	156
265	Metabolic pathways that mediate inhibition of hypothalamic neurons by glucose. *Diabetes*, **2004**, 53, 67-73	0.9	116
264	Neuroendocrine aspects of chronic fatigue syndrome. *NeuroImmunoModulation*, **2004**, 11, 65-74	2.5	36
263	Vasopressin stimulates ventromedial hypothalamic neurons via oxytocin receptors in oxytocin gene knockout male and female mice. *Neuroendocrinology*, **2004**, 80, 92-9	5.6	34

262	Inhibition of neuronal phenotype by PTEN in PC12 cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 3627-31	11.5	62
261	Olfactory-mediated parasite recognition and avoidance: linking genes to behavior. *Hormones and Behavior*, **2004**, 46, 272-83	3.7	122
260	Postnatal environment affects behavior of adult transgenic mice. *Experimental Biology and Medicine*, **2004**, 229, 935-9	3.7	19
259	An estrogen-dependent four-gene micronet regulating social recognition: a study with oxytocin and estrogen receptor-alpha and -beta knockout mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 6192-7	11.5	306
258	Estradiol differentially regulates lipocalin-type prostaglandin D synthase transcript levels in the rodent brain: Evidence from high-density oligonucleotide arrays and in situ hybridization. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 318-23	11.5	87
257	Reduction of lipocalin-type prostaglandin D synthase in the preoptic area of female mice mimics estradiol effects on arousal and sex behavior. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 15206-11	11.5	58
256	Anosmin-1 immunoreactivity during embryogenesis in a primitive eutherian mammal. *Developmental Brain Research*, **2003**, 140, 157-67		23
255	Estrogen receptor beta (ERbeta) protein levels in neurons depend on estrogen receptor alpha (ERalpha) gene expression and on its ligand in a brain region-specific manner. *Molecular Brain Research*, **2003**, 110, 7-14		66
254	Gene transfer and in vivo promoter analysis of the rat progesterone receptor using a herpes simplex virus viral vector. *Molecular Brain Research*, **2003**, 114, 91-100		7
253	Laternal nicotine exposure increases nicotine preference in periadolescent male but not female C57B1/6J mice. *Nicotine and Tobacco Research*, **2003**, 5, 117-24	4.9	60
252	Attentional phenotypes for the analysis of higher mental function. *Scientific World Journal, The*, **2002**, 2, 217-23	2.2	32
251	Reversal of sex differences in morphine analgesia elicited from the ventrolateral periaqueductal gray in rats by neonatal hormone manipulations. *Brain Research*, **2002**, 929, 1-9	3.7	75
250	Estrogen and thyroid hormone receptor interactions: physiological flexibility by molecular specificity. *Physiological Reviews*, **2002**, 82, 923-44	47.9	88
249	A cis-acting element that directs circular adeno-associated virus replication and packaging. *Journal of Virology*, **2002**, 76, 12792-802	6.6	25
248	Gender comparisons of control of breathing and metabolism in conscious mice exposed to cold. *Neuroendocrinology*, **2002**, 76, 381-9	5.6	6
247	Angiogenesis in association with the migration of gonadotropic hormone-releasing hormone (GnRH) systems in embryonic mice, early human embryos and in a fetus with Kallmann syndrome. *Progress in Brain Research*, **2002**, 141, 59-77	2.9	8
246	Genotype/age interactions on aggressive behavior in gonadally intact estrogen receptor beta knockout (betaERKO) male mice. *Hormones and Behavior*, **2002**, 41, 288-96	3.7	127
245	Temporal and spatial quantitation of nesting and mating behaviors among mice housed in a semi-natural environment. *Hormones and Behavior*, **2002**, 42, 294-306	3.7	29

244	Statistical analysis of hormonal influences on arousal measures in ovariectomized female mice. *Hormones and Behavior*, **2002**, 42, 414-23	3.7	11
243	Colocalization of estrogen receptor alpha and NMDA-2D mRNAs in amygdaloid and hypothalamic nuclei of the mouse brain. *Molecular Brain Research*, **2002**, 104, 47-54		28
242	Estrogen receptor-beta regulates transcript levels for oxytocin and arginine vasopressin in the hypothalamic paraventricular nucleus of male mice. *Molecular Brain Research*, **2002**, 109, 84-94		130
241	Hormonal and genetic influences on arousal--sexual and otherwise. *Trends in Neurosciences*, **2002**, 25, 45-50	13.3	85
240	Co-expression of estrogen and thyroid hormone receptors in individual hypothalamic neurons. *Journal of Comparative Neurology*, **2001**, 437, 286-95	3.4	20
239	Differential interaction of estrogen receptor and thyroid hormone receptor isoforms on the rat oxytocin receptor promoter leads to differences in transcriptional regulation. *Neuroendocrinology*, **2001**, 74, 309-24	5.6	54
238	Statistical analysis of measures of arousal in ovariectomized female mice. *Hormones and Behavior*, **2001**, 39, 39-47	3.7	30
237	Effects of the phytoestrogen coumestrol on locomotor and fear-related behaviors in female mice. *Hormones and Behavior*, **2001**, 40, 65-76	3.7	37
236	Expression of the SCAMP-4 gene, a new member of the secretory carrier membrane protein family, is repressed by progesterone in brain regions associated with female sexual behavior. *Molecular Brain Research*, **2001**, 88, 144-54		14
235	Molecular analysis of estrogen induction of preproenkephalin gene expression and its modulation by thyroid hormones. *Molecular Brain Research*, **2001**, 91, 23-33		27
234	Differential crosstalk between estrogen receptor (ER)alpha and ERbeta and the thyroid hormone receptor isoforms results in flexible regulation of the consensus ERE. *Molecular Brain Research*, **2001**, 95, 9-17		46
233	Presynaptic and postsynaptic relations of mu-opioid receptors to gamma-aminobutyric acid-immunoreactive and medullary-projecting periaqueductal gray neurons. *Journal of Comparative Neurology*, **2000**, 419, 532-42	3.4	57
232	Estrogen-regulated progestin receptors are found in the midbrain raphe but not hippocampus of estrogen receptor alpha (ER alpha) gene-disrupted mice. *Journal of Comparative Neurology*, **2000**, 427, 185-95	3.4	86
231	The two thyroid hormone receptor genes have opposite effects on estrogen-stimulated sex behaviors. *Nature Neuroscience*, **2000**, 3, 472-5	25.5	63
230	Changes in estrogenic regulation of estrogen receptor alpha mRNA and progesterone receptor mRNA in the female rat hypothalamus during aging: an in situ hybridization study. *Neuroscience Research*, **2000**, 38, 85-92	2.9	57
229	Estrogens, brain and behavior: studies in fundamental neurobiology and observations related to women♀ health. *Journal of Steroid Biochemistry and Molecular Biology*, **2000**, 74, 365-73	5.1	59
228	Thyroid hormone coadministration inhibits the estrogen-stimulated elevation of preproenkephalin mRNA in female rat hypothalamic neurons. *Neuroendocrinology*, **1999**, 70, 168-74	5.6	25
227	Thyroid hormones and estrogen affect oxytocin gene expression in hypothalamic neurons. *Journal of Neuroendocrinology*, **1999**, 11, 1-10	3.8	66

226	In the ventromedial nucleus of the rat hypothalamus, GABA-immunolabeled neurons are abundant and are innervated by both enkephalin- and GABA-immunolabeled axon terminals. *Brain Research*, **1999**, 816, 58-67	3.7	23
225	Hormones, genes and the structure of sexual arousal. *Behavioural Brain Research*, **1999**, 105, 5-27	3.4	21
224	In situ PCR for in vivo detection of foreign genes transferred into rat brain. *Brain Research*, **1998**, 783, 347-54	3.7	2
223	Stimulation of expression of the oxytocin gene in rat supraoptic neurons at parturition. *Brain Research*, **1998**, 782, 167-74	3.7	31
222	The gonadotropin-releasing hormone system does not develop in Small-Eye (Sey) mouse phenotype. *Developmental Brain Research*, **1998**, 107, 233-40		39
221	Mapping of neural and signal transduction pathways for lordosis in the search for estrogen actions on the central nervous system. *Behavioural Brain Research*, **1998**, 92, 169-80	3.4	97
220	Differential regulation of AP-1 DNA binding activity in rat hypothalamus and pituitary by estrogen. *Molecular Brain Research*, **1998**, 55, 115-25		20
219	Regulation of neuronal nitric oxide synthase mRNA in lordosis-relevant neurons of the ventromedial hypothalamus following short-term estrogen treatment. *Molecular Brain Research*, **1998**, 59, 105-8		36
218	Mathematical exploration of pulsatility in cultured gonadotropin-releasing hormone neurons. *Neuroendocrinology*, **1998**, 67, 2-17	5.6	23
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