

Stafford Louis Lightman

List of Publications by Citations

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330
papers

20,129
citations

79
h-index

128
g-index

340
ext. papers

22,136
ext. citations

6.9
avg, IF

6.86
L-index

#	Paper	IF	Citations
330	The HPA axis in major depression: classical theories and new developments. <i>Trends in Neurosciences</i> , 2008 , 31, 464-8	13.3	1211
329	Chronic stress in elderly carers of dementia patients and antibody response to influenza vaccination. <i>Lancet, The</i> , 1999 , 353, 627-31	4.0	372
328	Transcription factor AP1 potentiates chromatin accessibility and glucocorticoid receptor binding. <i>Molecular Cell</i> , 2011 , 43, 145-55	17.6	336
327	Oxytocin attenuates stress-induced c-fos mRNA expression in specific forebrain regions associated with modulation of hypothalamo-pituitary-adrenal activity. <i>Journal of Neuroscience</i> , 2004 , 24, 2974-82	6.6	333
326	Early-life exposure to endotoxin alters hypothalamic-pituitary-adrenal function and predisposition to inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 5645-50	11.5	308
325	Cortisol, testosterone, and coronary heart disease: prospective evidence from the Caerphilly study. <i>Circulation</i> , 2005 , 112, 332-40	16.7	307
324	The effects of improving sleep on mental health (OASIS): a randomised controlled trial with mediation analysis. <i>Lancet Psychiatry, the</i> , 2017 , 4, 749-758	23.3	286
323	Ultradian hormone stimulation induces glucocorticoid receptor-mediated pulses of gene transcription. <i>Nature Cell Biology</i> , 2009 , 11, 1093-102	23.4	284
322	Stress and the hypothalamo-pituitary-adrenal axis: acute, chronic and immunological activation. <i>Journal of Endocrinology</i> , 1992 , 134, 327-39	4.7	282
321	Do corticosteroids damage the brain?. <i>Journal of Neuroendocrinology</i> , 2006 , 18, 393-411	3.8	278
320	Tryptophan metabolism in the central nervous system: medical implications. <i>Expert Reviews in Molecular Medicine</i> , 2006 , 8, 1-27	6.7	273
319	Changes in oxytocin and vasopressin secretion during sexual activity in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987 , 65, 738-41	5.6	269
318	Interaction of the glucocorticoid receptor with the chromatin landscape. <i>Molecular Cell</i> , 2008 , 29, 611-24	17.6	263
317	Hormones, peripherally activated prohormones and regulation of the Th1/Th2 balance. <i>Trends in Immunology</i> , 1994 , 15, 301-3		260
316	The crucial role of pulsatile activity of the HPA axis for continuous dynamic equilibration. <i>Nature Reviews Neuroscience</i> , 2010 , 11, 710-8	13.5	258
315	Cortisol pulsatility and its role in stress regulation and health. <i>Frontiers in Neuroendocrinology</i> , 2004 , 25, 69-76	8.9	237
314	The Functional and Clinical Significance of the 24-Hour Rhythm of Circulating Glucocorticoids. <i>Endocrine Reviews</i> , 2017 , 38, 3-45	27.2	234

313	Corticosterone levels in the brain show a distinct ultradian rhythm but a delayed response to forced swim stress. <i>Endocrinology</i> , 2008 , 149, 3244-53	4.8	217
312	The neuroendocrinology of stress: a never ending story. <i>Journal of Neuroendocrinology</i> , 2008 , 20, 880-4	3.8	210
311	Corticotropin-releasing factor increases in vitro firing rates of serotonergic neurons in the rat dorsal raphe nucleus: evidence for activation of a topographically organized mesolimbocortical serotonergic system. <i>Journal of Neuroscience</i> , 2000 , 20, 7728-36	6.6	196
310	The human stress response. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 525-534	15.2	191
309	A neurodevelopmental model for anorexia nervosa. <i>Physiology and Behavior</i> , 2003 , 79, 13-24	3.5	189
308	Occurrence and extracellular actions of inositol pentakis- and hexakisphosphate in mammalian brain. <i>Nature</i> , 1987 , 330, 656-8	50.4	182
307	Gonadectomy reverses the sexually diergic patterns of circadian and stress-induced hypothalamic-pituitary-adrenal axis activity in male and female rats. <i>Journal of Neuroendocrinology</i> , 2004 , 16, 516-24	3.8	177
306	Lactation inhibits stress-mediated secretion of corticosterone and oxytocin and hypothalamic accumulation of corticotropin-releasing factor and enkephalin messenger ribonucleic acids. <i>Endocrinology</i> , 1989 , 124, 2358-64	4.8	174
305	Chronic stress in caregivers of dementia patients is associated with reduced lymphocyte sensitivity to glucocorticoids. <i>Journal of Neuroimmunology</i> , 2000 , 103, 84-92	3.5	167
304	The significance of glucocorticoid pulsatility. <i>European Journal of Pharmacology</i> , 2008 , 583, 255-62	5.3	165
303	Gonadal steroid replacement reverses gonadectomy-induced changes in the corticosterone pulse profile and stress-induced hypothalamic-pituitary-adrenal axis activity of male and female rats. <i>Journal of Neuroendocrinology</i> , 2004 , 16, 989-98	3.8	164
302	HPA axis-rhythms. <i>Comprehensive Physiology</i> , 2014 , 4, 1273-98	7.7	159
301	Origin of ultradian pulsatility in the hypothalamic-pituitary-adrenal axis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 1627-33	4.4	159
300	Changes in hypothalamic preproenkephalin A mRNA following stress and opiate withdrawal. <i>Nature</i> , 1987 , 328, 643-5	50.4	152
299	Emergence of an isolated arginine vasopressin (AVP) response to stress after repeated restraint: a study of both AVP and corticotropin-releasing hormone messenger ribonucleic acid (RNA) and heteronuclear RNA. <i>Endocrinology</i> , 1997 , 138, 4351-7	4.8	147
298	Vasopressin and corticotropin-releasing hormone gene responses to novel stress in rats adapted to repeated restraint. <i>Endocrinology</i> , 1999 , 140, 3623-32	4.8	146
297	The frequency and natural history of diabetes insipidus in children with Langerhans-cell histiocytosis. <i>New England Journal of Medicine</i> , 1989 , 321, 1157-62	59.2	146
296	Kisspeptin signalling in the hypothalamic arcuate nucleus regulates GnRH pulse generator frequency in the rat. <i>PLoS ONE</i> , 2009 , 4, e8334	3.7	145

295	Early life experience alters behavior during social defeat: focus on serotonergic systems. <i>Neuroscience</i> , 2005 , 136, 181-91	3.9	141
294	Peripartum plasticity within the hypothalamo-pituitary-adrenal axis. <i>Progress in Brain Research</i> , 2001 , 133, 111-29	2.9	137
293	The arginine vasopressin and corticotrophin-releasing hormone gene transcription responses to varied frequencies of repeated stress in rats. <i>Journal of Physiology</i> , 1998 , 510 (Pt 2), 605-14	3.9	136
292	A vasopressin-like peptide in the mammalian sympathetic nervous system. <i>Nature</i> , 1984 , 309, 258-61	50.4	135
291	Down-regulation of hypothalamic kisspeptin and its receptor, Kiss1r, mRNA expression is associated with stress-induced suppression of luteinising hormone secretion in the female rat. <i>Journal of Neuroendocrinology</i> , 2009 , 21, 20-9	3.8	134
290	p53 gene mutations in pituitary adenomas: rare events. <i>Clinical Endocrinology</i> , 1994 , 41, 809-14	3.4	130
289	The origin of glucocorticoid hormone oscillations. <i>PLoS Biology</i> , 2012 , 10, e1001341	9.7	129
288	Oxytocin in the central nervous system and sexual behaviour in male rats. <i>Brain Research</i> , 1987 , 414, 133-7	3.7	128
287	Heterogeneous genetic background of the association of pheochromocytoma/paraganglioma and pituitary adenoma: results from a large patient cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E531-41	5.6	127
286	Corticotrophin-releasing factor-like immunoreactivity and mRNA in human leukocytes. <i>Brain, Behavior, and Immunity</i> , 1990 , 4, 67-73	16.6	126
285	Role of glucocorticoid negative feedback in the regulation of HPA axis pulsatility. <i>Stress</i> , 2018 , 21, 403-416	3.6	126
284	Identification of an immune-responsive mesolimbocortical serotonergic system: potential role in regulation of emotional behavior. <i>Neuroscience</i> , 2007 , 146, 756-72	3.9	125
283	Rapid changes in heteronuclear RNA for corticotrophin-releasing hormone and arginine vasopressin in response to acute stress. <i>Journal of Endocrinology</i> , 1997 , 152, 81-9	4.7	122
282	Region-specific reduction in stress-induced c-fos mRNA expression during pregnancy and lactation. <i>Brain Research</i> , 1996 , 742, 177-84	3.7	121
281	The effects of recombinant human interleukin (IL)-1 alpha, IL-1 beta or IL-6 on hypothalamo-pituitary-adrenal axis activation. <i>Journal of Endocrinology</i> , 1992 , 133, 349-55	4.7	118
280	Resistance to glucocorticoid feedback in obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4109-14	5.6	116
279	Evidence for opiate receptors on pituicytes. <i>Nature</i> , 1983 , 305, 235-7	50.4	116
278	An investigation into the relationship between salivary cortisol, stress, anxiety and depression. <i>Biological Psychology</i> , 2003 , 62, 89-96	3.2	112

277	Insertion of an amino acid in the DNA-binding domain of the glucocorticoid receptor as a result of alternative splicing. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 4283-6	5.6	106
276	Glucocorticoid ultradian rhythmicity directs cyclical gene pulsing of the clock gene period 1 in rat hippocampus. <i>Journal of Neuroendocrinology</i> , 2010 , 22, 1093-1100	3.8	104
275	Leptin and the pituitary-thyroid axis: a comparative study in lean, obese, hypothyroid and hyperthyroid subjects. <i>Clinical Endocrinology</i> , 1998 , 49, 583-8	3.4	100
274	Different responses to dexamethasone and prednisolone in the same depressed patients. <i>Psychopharmacology</i> , 2006 , 189, 225-35	4.7	99
273	Treatment of major depression with metyrapone and hydrocortisone. <i>Journal of Affective Disorders</i> , 1995 , 33, 123-8	6.6	99
272	Why is the management of glucocorticoid deficiency still controversial: a review of the literature. <i>Clinical Endocrinology</i> , 2005 , 63, 483-92	3.4	97
271	Naloxone inhibits oxytocin release at orgasm in man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 71, 1056-8	5.6	96
270	Proteasome-dependent down-regulation of activated nuclear hippocampal glucocorticoid receptors determines dynamic responses to corticosterone. <i>Endocrinology</i> , 2007 , 148, 5470-7	4.8	93
269	Melanopsin Regulates Both Sleep-Promoting and Arousal-Promoting Responses to Light. <i>PLoS Biology</i> , 2016 , 14, e1002482	9.7	92
268	The inhibitory effects of neurokinin B on GnRH pulse generator frequency in the female rat. <i>Endocrinology</i> , 2012 , 153, 307-15	4.8	90
267	Prednisolone suppression test in depression: prospective study of the role of HPA axis dysfunction in treatment resistance. <i>British Journal of Psychiatry</i> , 2009 , 194, 342-9	5.4	89
266	Hypothalamic-pituitary-adrenal axis activation in obstructive sleep apnea: the effect of continuous positive airway pressure therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4234-42	5.6	89
265	Dynamic regulation of glucocorticoid signalling in health and disease. <i>Rheumatology</i> , 2012 , 51, 403-12	3.9	89
264	Circadian and ultradian rhythms of free glucocorticoid hormone are highly synchronized between the blood, the subcutaneous tissue, and the brain. <i>Endocrinology</i> , 2012 , 153, 4346-53	4.8	89
263	Oxytocin responses to stress in lactating and hyperprolactinaemic rats. <i>Neuroendocrinology</i> , 1987 , 46, 532-7	5.6	88
262	Rapid glucocorticoid receptor-mediated inhibition of hypothalamic-pituitary-adrenal ultradian activity in healthy males. <i>Journal of Neuroscience</i> , 2010 , 30, 6106-15	6.6	87
261	Anterior pituitary cell population control: basal cell turnover and the effects of adrenalectomy and dexamethasone treatment. <i>Journal of Neuroendocrinology</i> , 1998 , 10, 207-15	3.8	86
260	Temperature-responsive release of cortisol from its binding globulin: a protein thermocouple. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4689-95	5.6	85

259	Inhalation of 35% CO ₂ results in activation of the HPA axis in healthy volunteers. <i>Psychoneuroendocrinology</i> , 2002 , 27, 715-29	5	85
258	Evidence for arginine vasopressin as the primary activator of the HPA axis during adjuvant-induced arthritis. <i>British Journal of Pharmacology</i> , 1995 , 116, 2417-24	8.6	85
257	A functional subset of serotonergic neurons in the rat ventrolateral periaqueductal gray implicated in the inhibition of sympathoexcitation and panic. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1018, 58-64	6.5	83
256	Water deprivation in the rat induces nitric oxide synthase (NOS) gene expression in the hypothalamic paraventricular and supraoptic nuclei. <i>Neuroscience Research</i> , 1995 , 23, 317-9	2.9	83
255	Depressive symptoms in early pregnancy disrupt attentional processing of infant emotion. <i>Psychological Medicine</i> , 2010 , 40, 621-31	6.9	82
254	Activation of the orexin 1 receptor is a critical component of CO ₂ -mediated anxiety and hypertension but not bradycardia. <i>Neuropsychopharmacology</i> , 2012 , 37, 1911-22	8.7	81
253	Stress responsiveness varies over the ultradian glucocorticoid cycle in a brain-region-specific manner. <i>Endocrinology</i> , 2010 , 151, 5369-79	4.8	80
252	Alterations in hypothalamic-pituitary responsiveness during lactation. <i>Annals of the New York Academy of Sciences</i> , 1992 , 652, 340-6	6.5	80
251	New insights into corticosteroid-binding globulin and glucocorticoid delivery. <i>Neuroscience</i> , 2011 , 180, 1-8	3.9	79
250	Long-term gene therapy in the CNS: reversal of hypothalamic diabetes insipidus in the Brattleboro rat by using an adenovirus expressing arginine vasopressin. <i>Nature Medicine</i> , 1997 , 3, 1402-4	50.5	79
249	Increased corticosterone pulse frequency during adjuvant-induced arthritis and its relationship to alterations in stress responsiveness. <i>Journal of Neuroendocrinology</i> , 2001 , 13, 905-11	3.8	79
248	Restraint stress is associated with changes in glucocorticoid immunoregulation. <i>Physiology and Behavior</i> , 2001 , 73, 525-32	3.5	79
247	The maternal-neonatal neuro-immune interface: Are there long-term implications for inflammatory or stress-related disease?. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1567-1573	15.9	79
246	A systematic review of psychosocial factors associated with emotional adjustment in in vitro fertilization patients. <i>Human Reproduction Update</i> , 2014 , 20, 594-613	15.8	77
245	ACTH-dependent ultradian rhythm of corticosterone secretion. <i>Endocrinology</i> , 2011 , 152, 1448-57	4.8	76
244	Gonadal steroid modulation of stress-induced hypothalamo-pituitary-adrenal activity and anxiety behavior: role of central oxytocin. <i>Endocrinology</i> , 2006 , 147, 2423-31	4.8	75
243	Nucleotides as extracellular signalling molecules. <i>Journal of Neuroendocrinology</i> , 1995 , 7, 83-96	3.8	75
242	Hypothalamic and amygdaloid corticotropin-releasing hormone (CRH) and CRH receptor-1 mRNA expression in the stress-hyporesponsive late pregnant and early lactating rat. <i>Molecular Brain Research</i> , 2001 , 91, 119-30		73

241	Acute stress causes rapid synaptic insertion of Ca ²⁺ -permeable AMPA receptors to facilitate long-term potentiation in the hippocampus. <i>Brain</i> , 2013 , 136, 3753-65	11.2	71
240	Emotional sensitivity for motherhood: late pregnancy is associated with enhanced accuracy to encode emotional faces. <i>Hormones and Behavior</i> , 2009 , 56, 557-63	3.7	71
239	Chronic administration of glucocorticoids directly upregulates prepro-neuropeptide Y and Y1-receptor mRNA levels in the arcuate nucleus of the rat. <i>Journal of Neuroendocrinology</i> , 1994 , 6, 153-9 ^{3.8}	3.8	70
238	Role of corticotropin-releasing factor receptor-2 in stress-induced suppression of pulsatile luteinizing hormone secretion in the rat. <i>Endocrinology</i> , 2005 , 146, 318-22	4.8	69
237	Acute hypercarbic gas exposure reveals functionally distinct subpopulations of serotonergic neurons in rats. <i>Journal of Psychopharmacology</i> , 2005 , 19, 327-41	4.6	68
236	Hypothalamic-pituitary-adrenal function. <i>Archives of Physiology and Biochemistry</i> , 2002 , 110, 90-3	2.2	68
235	Corticosteroids in septic shock: a systematic review and network meta-analysis. <i>Critical Care</i> , 2017 , 21, 78	10.8	67
234	Altered glucocorticoid immunoregulation in treatment resistant depression. <i>Psychoneuroendocrinology</i> , 2003 , 28, 49-65	5	67
233	ATP-mediated killing of <i>Mycobacterium bovis</i> bacille Calmette-Guérin within human macrophages is calcium dependent and associated with the acidification of mycobacteria-containing phagosomes. <i>Journal of Immunology</i> , 2001 , 166, 6276-86	5.3	65
232	Neuroendocrine, appetitive and behavioural responses to d-fenfluramine in women recovered from anorexia nervosa. <i>British Journal of Psychiatry</i> , 1998 , 172, 351-8	5.4	65
231	Ultradian corticosterone secretion is maintained in the absence of circadian cues. <i>European Journal of Neuroscience</i> , 2012 , 36, 3142-50	3.5	64
230	Stress-induced activation of CRF and c-fos mRNAs in the paraventricular nucleus are not affected by serotonin depletion. <i>Brain Research</i> , 1993 , 609, 167-73	3.7	62
229	Adverse early life experience and social stress during adulthood interact to increase serotonin transporter mRNA expression. <i>Brain Research</i> , 2009 , 1305, 47-63	3.7	61
228	A novel prednisolone suppression test for the hypothalamic-pituitary-adrenal axis. <i>Biological Psychiatry</i> , 2002 , 51, 922-30	7.9	61
227	Induction of c-Fos in panic/defence-related brain circuits following brief hypercarbic gas exposure. <i>Journal of Psychopharmacology</i> , 2011 , 25, 26-36	4.6	60
226	An investigation of hypothalamic-pituitary-adrenal axis hyperactivity in anorexia nervosa: the role of CRH and AVP. <i>Journal of Psychiatric Research</i> , 2007 , 41, 131-43	5.2	59
225	G protein-coupled receptors in the hypothalamic paraventricular and supraoptic nuclei--serpentine gateways to neuroendocrine homeostasis. <i>Frontiers in Neuroendocrinology</i> , 2012 , 33, 45-66	8.9	57
224	Molecular defects in the pathogenesis of pituitary tumours. <i>Frontiers in Neuroendocrinology</i> , 2003 , 24, 94-127	8.9	57

223	Changes in the maternal hypothalamic-pituitary-adrenal axis during the early puerperium may be related to the postpartum blues? <i>Journal of Neuroendocrinology</i> , 2011 , 23, 1149-55	3.8	56
222	Dynamic pituitary-adrenal interactions in response to cardiac surgery. <i>Critical Care Medicine</i> , 2015 , 43, 791-800	1.4	55
221	Substance P inhibits the release of anterior pituitary adrenocorticotrophin via a central mechanism involving corticotrophin-releasing factor-containing neurons in the hypothalamic paraventricular nucleus. <i>Journal of Neuroendocrinology</i> , 1993 , 5, 99-105	3.8	55
220	Molecular dynamics of ultradian glucocorticoid receptor action. <i>Molecular and Cellular Endocrinology</i> , 2012 , 348, 383-93	4.4	54
219	Enhancement of antibody responses to influenza vaccination in the elderly following a cognitive-behavioural stress management intervention. <i>Psychotherapy and Psychosomatics</i> , 2003 , 72, 245-52	9.4	54
218	The HSP90 molecular chaperone cycle regulates cyclical transcriptional dynamics of the glucocorticoid receptor and its coregulatory molecules CBP/p300 during ultradian ligand treatment. <i>Molecular Endocrinology</i> , 2011 , 25, 944-54		53
217	Substance P stimulates arginine vasopressin and inhibits adrenocorticotropin release in vivo in the rat. <i>Neuroendocrinology</i> , 1990 , 52, 90-3	5.6	53
216	Dysregulation of the hypothalamic pituitary adrenal (HPA) axis and physical performance at older ages: an individual participant meta-analysis. <i>Psychoneuroendocrinology</i> , 2013 , 38, 40-9	5	52
215	Attentional processing of infant emotion during late pregnancy and mother-infant relations after birth. <i>Archives of Women's Mental Health</i> , 2011 , 14, 23-31	5	52
214	Stress-induced suppression of the gonadotropin-releasing hormone pulse generator in the female rat: a novel neural action for calcitonin gene-related peptide. <i>Endocrinology</i> , 2004 , 145, 1556-63	4.8	52
213	The role of stressors and psychosocial variables in the stress process: a study of chronic caregiver stress. <i>Psychosomatic Medicine</i> , 2000 , 62, 374-85	3.7	52
212	Developmental and physiological regulation of aldose reductase mRNA expression in renal medulla. <i>Molecular Endocrinology</i> , 1989 , 3, 1409-16		52
211	Distinct, time-dependent effects of voluntary exercise on circadian and ultradian rhythms and stress responses of free corticosterone in the rat hippocampus. <i>Endocrinology</i> , 2009 , 150, 4170-9	4.8	51
210	Corticosteroids mediate fast feedback of the rat hypothalamic-pituitary-adrenal axis via the mineralocorticoid receptor. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E1011-22	6	51
209	GPR54-dependent stimulation of luteinizing hormone secretion by neurokinin B in prepubertal rats. <i>PLoS ONE</i> , 2012 , 7, e44344	3.7	50
208	Synchronous activation of gonadotropin-releasing hormone gene transcription and secretion by pulsatile kisspeptin stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 5677-82	11.5	49
207	The four-dimensional stress test: psychological, sympathetic-adrenal-medullary, parasympathetic and hypothalamic-pituitary-adrenal responses following inhalation of 35% CO ₂ . <i>Psychoneuroendocrinology</i> , 2006 , 31, 736-47	5	49
206	Anatomical and functional evidence for a stress-responsive, monoamine-accumulating area in the dorsomedial hypothalamus of adult rat brain. <i>Hormones and Behavior</i> , 2003 , 43, 254-62	3.7	49

205	Rapid changes of heteronuclear RNA for arginine vasopressin but not for corticotropin releasing hormone in response to acute corticosterone administration. <i>Journal of Neuroendocrinology</i> , 1997 , 9, 723-8	3.8	48
204	The Interface of Stress and the HPA Axis in Behavioural Phenotypes of Mental Illness. <i>Current Topics in Behavioral Neurosciences</i> , 2014 , 18, 13-24	3.4	47
203	Chronic stress accelerates atherosclerosis in the apolipoprotein E deficient mouse. <i>Stress</i> , 2003 , 6, 297-93		47
202	Regulation of the hypothalamic-pituitary-adrenal axis circadian rhythm by endocannabinoids is sexually diergic. <i>Endocrinology</i> , 2010 , 151, 3720-7	4.8	46
201	The hypothalamo-pituitary-adrenal axis response to experimental traumatic brain injury. <i>Journal of Neurotrauma</i> , 2001 , 18, 1373-81	5.4	46
200	Cloning and expression of melanin-concentrating hormone genes in the rainbow trout brain. <i>Neuroendocrinology</i> , 1995 , 61, 67-76	5.6	46
199	Constant light disrupts the circadian rhythm of steroidogenic proteins in the rat adrenal gland. <i>Molecular and Cellular Endocrinology</i> , 2013 , 371, 114-23	4.4	45
198	The role of mineralocorticoid receptor function in treatment-resistant depression. <i>Journal of Psychopharmacology</i> , 2013 , 27, 1169-79	4.6	45
197	Hypovolemia upregulates the expression of neuronal nitric oxide synthase gene in the paraventricular and supraoptic nuclei of rats. <i>Brain Research</i> , 1998 , 790, 25-32	3.7	45
196	Lipopolysaccharide has indomethacin-sensitive actions on Fos expression in topographically organized subpopulations of serotonergic neurons. <i>Brain, Behavior, and Immunity</i> , 2006 , 20, 569-77	16.6	45
195	Dynamics of ACTH and Cortisol Secretion and Implications for Disease. <i>Endocrine Reviews</i> , 2020 , 41,	27.2	44
194	Inhibition of the hypothalamic-pituitary-thyroid axis in response to lipopolysaccharide is independent of changes in circulating corticosteroids. <i>NeuroImmunoModulation</i> , 1997 , 4, 188-94	2.5	43
193	ABCG4: a novel human white family ABC-transporter expressed in the brain and eye. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002 , 1591, 175-9	4.9	43
192	Many peptides that are present in the external zone of the median eminence are not secreted into the hypophysial portal blood of sheep. <i>Neuroendocrinology</i> , 1993 , 57, 765-75	5.6	43
191	Dexamethasone-induced effects on lymphocyte distribution and expression of adhesion molecules in treatment-resistant depression. <i>Psychiatry Research</i> , 2002 , 113, 1-15	9.9	42
190	Chronic stress elevates enkephalin expression in the rat paraventricular and supraoptic nuclei. <i>Molecular Brain Research</i> , 1992 , 13, 111-7		42
189	Characterizing dynamic interactions between ultradian glucocorticoid rhythmicity and acute stress using the phase response curve. <i>PLoS ONE</i> , 2012 , 7, e30978	3.7	42
188	Atypical depression in growth hormone deficient adults, and the beneficial effects of growth hormone treatment on depression and quality of life. <i>European Journal of Endocrinology</i> , 2004 , 151, 325-32	6.5	41

187	Four days of citalopram increase suppression of cortisol secretion by prednisolone in healthy volunteers. <i>Psychopharmacology</i> , 2004 , 177, 200-6	4.7	41
186	Inhibition of rat corticotropin-releasing factor and adrenocorticotropin secretion by an osmotic stimulus. <i>Brain Research</i> , 1990 , 523, 1-4	3.7	41
185	Dynamic responses of the adrenal steroidogenic regulatory network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E6466-E6474	11.5	40
184	Altered adrenocorticotropin, corticosterone and oxytocin responses to stress during chronic salt load. <i>Neuroendocrinology</i> , 1991 , 54, 635-8	5.6	40
183	The prednisolone suppression test in depression: dose-response and changes with antidepressant treatment. <i>Psychoneuroendocrinology</i> , 2010 , 35, 1486-91	5	39
182	Mineralocorticoid and glucocorticoid receptors and their differential effects on memory performance in people with Addison's disease. <i>Psychoneuroendocrinology</i> , 2004 , 29, 712-23	5	39
181	Effects of leptin on fasting-induced inhibition of neuronal nitric oxide synthase mRNA in the paraventricular and supraoptic nuclei of rats. <i>Brain Research</i> , 1999 , 846, 229-35	3.7	39
180	The antidepressant desipramine requires the ABCB1 (Mdr1)-type p-glycoprotein to upregulate the glucocorticoid receptor in mice. <i>Neuropsychopharmacology</i> , 2007 , 32, 2520-9	8.7	38
179	Dynamics of adrenal glucocorticoid steroidogenesis in health and disease. <i>Molecular and Cellular Endocrinology</i> , 2015 , 408, 227-34	4.4	37
178	CRH in chronic inflammatory stress. <i>Peptides</i> , 2001 , 22, 803-7	3.8	37
177	Circadian and ultradian glucocorticoid rhythmicity: Implications for the effects of glucocorticoids on neural stem cells and adult hippocampal neurogenesis. <i>Frontiers in Neuroendocrinology</i> , 2016 , 41, 44-58	8.9	37
176	Vasopressin does not mediate hypersensitivity of the hypothalamic-pituitary-adrenal axis during chronic stress. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1148, 349-59	6.5	36
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