Ron de Kloet

List of Publications by Citations

470 papers	41,759 citations	107 h-index	185 g-index
535 ext. papers	43,855 ext. citations	5.3 avg, IF	7.46 L-index

#	Paper	IF	Citations
470	Two receptor systems for corticosterone in rat brain: microdistribution and differential occupation. *Endocrinology*, **1985**, 117, 2505-11	4.8	2126
469	Brain corticosteroid receptor balance in health and disease. *Endocrine Reviews*, **1998**, 19, 269-301	27.2	1752
468	Stress and cognition: are corticosteroids good or bad guys?. *Trends in Neurosciences*, **1999**, 22, 422-6	13.3	1092
467	Adrenal steroid receptors and actions in the nervous system. *Physiological Reviews*, **1986**, 66, 1121-88	47.9	1088
466	Localisation of 11 beta-hydroxysteroid dehydrogenase--tissue specific protector of the mineralocorticoid receptor. *Lancet, The*, **1988**, 2, 986-9	40	817
465	Brain Corticosteroid Receptor Balance in Health and Disease **1998**, 19, 269-301		737
464	Maternal care and hippocampal plasticity: evidence for experience-dependent structural plasticity, altered synaptic functioning, and differential responsiveness to glucocorticoids and stress. *Journal of Neuroscience*, **2008**, 28, 6037-45	6.6	558
463	Selective corticosteroid antagonists modulate specific aspects of spatial orientation learning.. *Behavioral Neuroscience*, **1992**, 106, 62-71	2.1	548
462	Feedback action and tonic influence of corticosteroids on brain function: a concept arising from the heterogeneity of brain receptor systems. *Psychoneuroendocrinology*, **1987**, 12, 83-105	5	499
461	On the role of brain mineralocorticoid (type I) and glucocorticoid (type II) receptors in neuroendocrine regulation. *Neuroendocrinology*, **1989**, 50, 117-23	5.6	406
460	The coming out of the brain mineralocorticoid receptor. *Trends in Neurosciences*, **2008**, 31, 1-7	13.3	386
459	Effects of glucocorticoids and norepinephrine on the excitability in the hippocampus. *Science*, **1989**, 245, 1502-5	33.3	350
458	Control of neuronal excitability by corticosteroid hormones. *Trends in Neurosciences*, **1992**, 15, 25-30	13.3	348
457	Mineralocorticoid and glucocorticoid receptors in the brain. Implications for ion permeability and transmitter systems. *Progress in Neurobiology*, **1994**, 43, 1-36	10.9	346
456	The three-hit concept of vulnerability and resilience: toward understanding adaptation to early-life adversity outcome. *Psychoneuroendocrinology*, **2013**, 38, 1858-73	5	340
455	The influence of ovarian steroids on hypothalamic-pituitary-adrenal regulation in the female rat. *Journal of Endocrinology*, **1995**, 144, 311-21	4.7	331
454	Relative occupation of type-I and type-II corticosteroid receptors in rat brain following stress and dexamethasone treatment: functional implications. *Journal of Endocrinology*, **1987**, 115, 459-67	4.7	320

453	Effect of oxytocin and vasopressin on memory consolidation: sites of action and catecholaminergic correlates after local microinjection into limbic-midbrain structures. *Brain Research*, **1979**, 175, 303-14	3.7	310
452	Penetration of dexamethasone into brain glucocorticoid targets is enhanced in mdr1A P-glycoprotein knockout mice. *Endocrinology*, **1998**, 139, 1789-93	4.8	302
451	Rapid non-genomic effects of corticosteroids and their role in the central stress response. *Journal of Endocrinology*, **2011**, 209, 153-67	4.7	295
450	Downregulation of BDNF mRNA and protein in the rat hippocampus by corticosterone. *Brain Research*, **1998**, 813, 112-20	3.7	294
449	Corticosteroid hormones in the central stress response: quick-and-slow. *Frontiers in Neuroendocrinology*, **2008**, 29, 268-72	8.9	289
448	Stress, genes and the mechanism of programming the brain for later life. *Neuroscience and Biobehavioral Reviews*, **2005**, 29, 271-81	9	285
447	Do corticosteroids damage the brain?. *Journal of Neuroendocrinology*, **2006**, 18, 393-411	3.8	278
446	Cellular localization of interleukin 6 mRNA and interleukin 6 receptor mRNA in rat brain. *European Journal of Neuroscience*, **1993**, 5, 1426-35	3.5	276
445	Distribution of the mineralocorticoid and the glucocorticoid receptor mRNAs in the rat hippocampus. *Journal of Neuroscience Research*, **1988**, 21, 88-94	4.4	275
444	Brain development under stress: hypotheses of glucocorticoid actions revisited. *Neuroscience and Biobehavioral Reviews*, **2010**, 34, 853-66	9	271
443	Gene expression and function of interleukin 1, interleukin 6 and tumor necrosis factor in the brain. *Progress in Neurobiology*, **1994**, 44, 397-432	10.9	268
442	Anatomical resolution of two types of corticosterone receptor sites in rat brain with in vitro autoradiography and computerized image analysis. *The Journal of Steroid Biochemistry*, **1986**, 24, 269-72		268
441	Point mutation in the mouse glucocorticoid receptor preventing DNA binding impairs spatial memory. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 12790-5	11.5	246
440	The Functional and Clinical Significance of the 24-Hour Rhythm of Circulating Glucocorticoids. *Endocrine Reviews*, **2017**, 38, 3-45	27.2	234
439	Maternal deprivation effect on the infant© neural stress markers is reversed by tactile stimulation and feeding but not by suppressing corticosterone. *Journal of Neuroscience*, **1998**, 18, 10171-9	6.6	233
438	Multidrug resistance P-glycoprotein hampers the access of cortisol but not of corticosterone to mouse and human brain. *Endocrinology*, **2001**, 142, 2686-94	4.8	231
437	Hypothalamic-pituitary-adrenal response to chronic stress in five inbred rat strains: differential responses are mainly located at the adrenocortical level. *Neuroendocrinology*, **1996**, 63, 327-37	5.6	222
436	Hippocampal apoptosis in major depression is a minor event and absent from subareas at risk for glucocorticoid overexposure. *American Journal of Pathology*, **2001**, 158, 453-68	5.8	222

435	Hormones and the stressed brain. *Annals of the New York Academy of Sciences*, **2004**, 1018, 1-15	6.5	221
434	Hyperresponsiveness of hypothalamic-pituitary-adrenal axis to combined dexamethasone/corticotropin-releasing hormone challenge in female borderline personality disorder subjects with a history of sustained childhood abuse. *Biological Psychiatry*, **2002**, 52, 1102-12	7.9	217
433	Differential response of type I and type II corticosteroid receptors to changes in plasma steroid level and circadian rhythmicity. *Neuroendocrinology*, **1987**, 45, 407-12	5.6	211
432	Interleukin-1 beta, but not interleukin-6, impairs spatial navigation learning. *Brain Research*, **1993**, 613, 160-3	3.7	203
431	Differences in basal and stress-induced HPA regulation of wild house mice selected for high and low aggression. *Hormones and Behavior*, **2003**, 43, 197-204	3.7	199
430	Mineralocorticoid and glucocorticoid receptors at the neuronal membrane, regulators of nongenomic corticosteroid signalling. *Molecular and Cellular Endocrinology*, **2012**, 350, 299-309	4.4	197
429	Glucocorticoid receptor variants: clinical implications. *Journal of Steroid Biochemistry and Molecular Biology*, **2002**, 81, 103-22	5.1	195
428	Estradiol modulates density of putative Oxytocin receptors On discrete rat brain regions. *Neuroendocrinology*, **1986**, 44, 415-21	5.6	195
427	Coping with the Forced Swim Stressor: Towards Understanding an Adaptive Mechanism. *Neural Plasticity*, **2016**, 2016, 6503162	3.3	195
426	Immobility in the forced swim test is adaptive and does not reflect depression. *Psychoneuroendocrinology*, **2015**, 62, 389-91	5	194
425	The postnatal development of the hypothalamic-pituitary-adrenal axis in the mouse. *International Journal of Developmental Neuroscience*, **2003**, 21, 125-32	2.7	193
424	Identification of corticosteroid-responsive genes in rat hippocampus using serial analysis of gene expression. *European Journal of Neuroscience*, **2001**, 14, 675-89	3.5	185
423	Stress, glucocorticoids and development. *Progress in Brain Research*, **1988**, 73, 101-20	2.9	182
422	Localization of interleukin 6 mRNA and interleukin 6 receptor mRNA in rat brain. *Neuroscience Letters*, **1992**, 136, 189-92	3.3	181
421	Antiglucocorticoid RU 38486 attenuates retention of a behaviour and disinhibits the hypothalamic-pituitary adrenal axis at different brain sites. *Neuroendocrinology*, **1988**, 47, 109-15	5.6	181
420	Brief treatment with the glucocorticoid receptor antagonist mifepristone normalizes the reduction in neurogenesis after chronic stress. *European Journal of Neuroscience*, **2007**, 26, 3395-401	3.5	180
419	Brain RNA and hypophysectomy; a topographical study. *Neuroendocrinology*, **1972**, 9, 285-96	5.6	177
418	Specificity of the adrenal steroid receptor system in rat hippocampus. *Endocrinology*, **1982**, 110, 2044-51	4.8	176

417	Differential expression and regional distribution of steroid receptor coactivators SRC-1 and SRC-2 in brain and pituitary. *Endocrinology*, **2000**, 141, 2192-9	4.8	175
416	Functional implications of brain corticosteroid receptor diversity. *Cellular and Molecular Neurobiology*, **1993**, 13, 433-55	4.6	173
415	Corticosteroids operate as a switch between memory systems. *Journal of Cognitive Neuroscience*, **2010**, 22, 1362-72	3.1	172
414	Hormones, brain and stress. *Endocrine Regulations*, **2003**, 37, 51-68	1.9	172
413	A common polymorphism in the mineralocorticoid receptor modulates stress responsiveness. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 5083-9	5.6	169
412	Corticosterone and Serotonergic Neurotransmission in the Hippocampus: Functional Implications of Central Corticosteroid Receptor Diversity. *Critical Reviews in Neurobiology*, **1998**, 12, 1-20		164
411	Arginine8-vasopressin affects catecholamine metabolism in specific brain nuclei. *Life Sciences*, **1977** , 20, 1799-808	6.8	161
410	Selective control by corticosterone of serotonin1 receptor capacity in raphe-hippocampal system. *Neuroendocrinology*, **1986**, 42, 513-21	5.6	159
409	Mineralocorticoid and glucocorticoid receptor balance in control of HPA axis and behaviour. *Psychoneuroendocrinology*, **2013**, 38, 648-58	5	158
408	Corticosterone suppresses the expression of 5-HT1A receptor mRNA in rat dentate gyrus. *European Journal of Pharmacology*, **1994**, 266, 255-61		150
407	Genetic selection for coping style predicts stressor susceptibility. *Journal of Neuroendocrinology*, **2003**, 15, 256-67	3.8	149
406	Brain mineralocorticoid receptors and centrally regulated functions. *Kidney International*, **2000**, 57, 1329-36	9.9	149
405	Neonatal maternally deprived rats have as adults elevated basal pituitary-adrenal activity and enhanced susceptibility to apomorphine. *Journal of Neuroendocrinology*, **1996**, 8, 501-6	3.8	148
404	Mineralocorticoid receptor-mediated changes in membrane properties of rat CA1 pyramidal neurons in vitro. *Proceedings of the National Academy of Sciences of the United States of America*, **1990**, 87, 4495-8	11.5	148
403	Rapid changes in hippocampal CA1 pyramidal cell function via pre- as well as postsynaptic membrane mineralocorticoid receptors. *European Journal of Neuroscience*, **2008**, 27, 2542-50	3.5	145
402	Decreased serotonin turnover in the dorsal hippocampus of rat brain shortly after adrenalectomy: selective normalization after corticosterone substitution. *Brain Research*, **1982**, 239, 659-63	3.7	145
401	Brief treatment with the glucocorticoid receptor antagonist mifepristone normalises the corticosterone-induced reduction of adult hippocampal neurogenesis. *Journal of Neuroendocrinology*, **2006**, 18, 629-31	3.8	143
400	Corticosteroid actions in hippocampus require DNA binding of glucocorticoid receptor homodimers. *Nature Neuroscience*, **2000**, 3, 977-8	25.5	143

399	Mineralocorticoid hormones suppress serotonin-induced hyperpolarization of rat hippocampal CA1 neurons. *Journal of Neuroscience*, **1991**, 11, 2288-94	6.6	142
398	Maternal deprivation affects behaviour from youth to senescence: amplification of individual differences in spatial learning and memory in senescent Brown Norway rats. *European Journal of Neuroscience*, **2000**, 12, 3771-80	3.5	141
397	The effect of corticosterone on reactivity to spatial novelty is mediated by central mineralocorticosteroid receptors. *European Journal of Neuroscience*, **1994**, 6, 1072-9	3.5	141
396	Early vs. late maternal deprivation differentially alters the endocrine and hypothalamic responses to stress. *Developmental Brain Research*, **1998**, 111, 245-52		140
395	Therapy Insight: is there an imbalanced response of mineralocorticoid and glucocorticoid receptors in depression?. *Nature Clinical Practice Endocrinology and Metabolism*, **2007**, 3, 168-79		139
394	Selective corticosteroid antagonists modulate specific aspects of spatial orientation learning. *Behavioral Neuroscience*, **1992**, 106, 62-71	2.1	138
393	Corticosteroids and the brain. *Journal of Steroid Biochemistry and Molecular Biology*, **1990**, 37, 387-94	5.1	137
392	Corticosterone regulates expression of BDNF and trkB but not NT-3 and trkC mRNA in the rat hippocampus. *Journal of Neuroscience Research*, **1997**, 48, 334-341	4.4	134
391	Stress in the brain. *European Journal of Pharmacology*, **2000**, 405, 187-98	5.3	134
390	Acute activation of hippocampal glucocorticoid receptors results in different waves of gene expression throughout time. *Journal of Neuroendocrinology*, **2006**, 18, 239-52	3.8	133
389	Anxiolytic-like effects of selective mineralocorticoid and glucocorticoid antagonists on fear-enhanced behavior in the elevated plus-maze. *Psychoneuroendocrinology*, **1995**, 20, 385-94	5	133
388	From receptor balance to rational glucocorticoid therapy. *Endocrinology*, **2014**, 155, 2754-69	4.8	129
387	Relevance of stress and female sex hormones for emotion and cognition. *Cellular and Molecular Neurobiology*, **2012**, 32, 725-35	4.6	129
386	Corticosterone, brain mineralocorticoid receptors (MRs) and the activity of the hypothalamic-pituitary-adrenal (HPA) axis: the Lewis rat as an example of increased central MR capacity and a hyporesponsive HPA axis. *Psychoneuroendocrinology*, **1995**, 20, 655-75	5	129
385	Ontogeny of the type 2 glucocorticoid receptor in discrete rat brain regions: an immunocytochemical study. *Developmental Brain Research*, **1988**, 470, 119-27		128
384	Topography of binding sites for neurohypophyseal hormones in rat brain. *European Journal of Pharmacology*, **1985**, 110, 113-9	5.3	127
383	Selective conversion of beta-endorphin into peptides related to gamma- and alpha-endorphin. *Nature*, **1980**, 283, 96-7	50.4	127
382	Zebrafish development and regeneration: new tools for biomedical research. *International Journal of Developmental Biology*, **2009**, 53, 835-50	1.9	125

381	Adverse consequences of glucocorticoid medication: psychological, cognitive, and behavioral effects. *American Journal of Psychiatry*, **2014**, 171, 1045-51	11.9	124
380	Arginine-vasopressin binding sites in rat brain: a quantitative autoradiographic study. *Neuroscience Letters*, **1984**, 44, 229-34	3.3	124
379	Severe learning deficits in apolipoprotein E-knockout mice in a water maze task. *Brain Research*, **1997**, 752, 189-96	3.7	123
378	Evidence for pituitary-brain transport of a behaviorally potent ACTH analog. *Life Sciences*, **1978**, 22, 831-8	6.8	122
377	Stratified medicine for mental disorders. *European Neuropsychopharmacology*, **2014**, 24, 5-50	1.2	121
376	Chronic psychosocial stress differentially affects apoptosis in hippocampal subregions and cortex of the adult tree shrew. *European Journal of Neuroscience*, **2001**, 14, 161-6	3.5	121
375	Facilitation of feedback inhibition through blockade of glucocorticoid receptors in the hippocampus. *Neurochemical Research*, **1997**, 22, 1323-8	4.6	119
374	Postsynaptic 5-HT1 receptors and offensive aggression in rats: a combined behavioural and autoradiographic study with eltoprazine. *Pharmacology Biochemistry and Behavior*, **1991**, 38, 447-58	3.9	119
373	Importance of the brain corticosteroid receptor balance in metaplasticity, cognitive performance and neuro-inflammation. *Frontiers in Neuroendocrinology*, **2018**, 49, 124-145	8.9	118
372	Enhanced 5-HT1A receptor expression in forebrain regions of aggressive house mice. *Brain Research*, **1996**, 736, 338-43	3.7	118
371	Immunocytochemical study on the intracellular localization of the type 2 glucocorticoid receptor in the rat brain. *Brain Research*, **1987**, 436, 120-8	3.7	118
370	MicroSAGE: a modified procedure for serial analysis of gene expression in limited amounts of tissue. *Nucleic Acids Research*, **1999**, 27, 1300-7	20.1	117
369	Central corticosteroid actions: Search for gene targets. *European Journal of Pharmacology*, **2008**, 583, 272-89	5.3	116
368	Adrenal steroids and extinction behavior: antagonism by progesterone, deoxycorticosterone and dexamethasone of a specific effect of corticosterone. *Life Sciences*, **1981**, 28, 433-40	6.8	115
367	Coping with the forced swim stressor: Current state-of-the-art. *Behavioural Brain Research*, **2019**, 364, 1-10	3.4	112
366	Knockdown of the glucocorticoid receptor alters functional integration of newborn neurons in the adult hippocampus and impairs fear-motivated behavior. *Molecular Psychiatry*, **2013**, 18, 993-1005	15.1	109
365	Long-term effects of neonatal maternal deprivation and ACTH on hippocampal mineralocorticoid and glucocorticoid receptors. *Developmental Brain Research*, **1996**, 92, 156-63		109
364	The site of the suppressive action of dexamethasone on pituitary-adrenal activity. *Endocrinology*, **1974**, 94, 61-73	4.8	109

363	Decreased expression of mineralocorticoid receptor mRNA and its splice variants in postmortem brain regions of patients with major depressive disorder. *Journal of Psychiatric Research*, **2011**, 45, 871-8	5.2	106
362	Coordinative mineralocorticoid and glucocorticoid receptor-mediated control of responses to serotonin in rat hippocampus. *Neuroendocrinology*, **1992**, 55, 344-50	5.6	105
361	Ontogeny of corticosteroid receptors in the brain. *Cellular and Molecular Neurobiology*, **1993**, 13, 295-319	4.6	105
360	Glucocorticoid ultradian rhythmicity directs cyclical gene pulsing of the clock gene period 1 in rat hippocampus. *Journal of Neuroendocrinology*, **2010**, 22, 1093-1100	3.8	104
359	Glucocorticoid signaling and stress-related limbic susceptibility pathway: about receptors, transcription machinery and microRNA. *Brain Research*, **2009**, 1293, 129-41	3.7	104
358	Stress and Depression: a Crucial Role of the Mineralocorticoid Receptor. *Journal of Neuroendocrinology*, **2016**, 28,	3.8	103
357	Differential central effects of mineralocorticoid and glucocorticoid agonists and antagonists on blood pressure. *Endocrinology*, **1990**, 126, 118-24	4.8	102
356	The role of the efflux transporter P-glycoprotein in brain penetration of prednisolone. *Journal of Endocrinology*, **2002**, 175, 251-60	4.7	101
355	The effect of aging on stress responsiveness and central corticosteroid receptors in the brown Norway rat. *Neurobiology of Aging*, **1992**, 13, 159-70	5.6	101
354	Aldosterone blocks the response to corticosterone in the raphe-hippocampal serotonin system. *Brain Research*, **1983**, 264, 323-7	3.7	101
353	Hippocampal kindling: corticosterone modulation of induced seizures. *Brain Research*, **1984**, 309, 377-81	3.7	101
352	A common and functional mineralocorticoid receptor haplotype enhances optimism and protects against depression in females. *Translational Psychiatry*, **2011**, 1, e62	8.6	100
351	Correlation between hippocampal BDNF mRNA expression and memory performance in senescent rats. *Brain Research*, **2001**, 915, 227-33	3.7	100
350	Neurohypophyseal hormone receptors in the rat thymus, spleen, and lymphocytes. *Endocrinology*, **1990**, 126, 2703-10	4.8	98
349	Organization of vasotocin-immunoreactive cells and fibers in the canary brain. *Journal of Comparative Neurology*, **1987**, 263, 347-64	3.4	97
348	Spatial learning deficits in mice with a targeted glucocorticoid receptor gene disruption. *European Journal of Neuroscience*, **1997**, 9, 2284-96	3.5	95
347	Testing the cumulative stress and mismatch hypotheses of psychopathology in a rat model of early-life adversity. *Physiology and Behavior*, **2012**, 106, 707-21	3.5	94
346	The dynamics of the hypothalamic-pituitary-adrenal axis during maternal deprivation. *Journal of Neuroendocrinology*, **2004**, 16, 52-7	3.8	94

345	Continuous blockade of brain glucocorticoid receptors facilitates spatial learning and memory in rats. *European Journal of Neuroscience*, **1998**, 10, 3759-66	3.5	93
344	The HPA system during the postnatal development of CD1 mice and the effects of maternal deprivation. *Developmental Brain Research*, **2002**, 139, 39-49		93
343	Evaluation of Affymetrix Gene Chip sensitivity in rat hippocampal tissue using SAGE analysis. Serial Analysis of Gene Expression. *European Journal of Neuroscience*, **2002**, 16, 409-13	3.5	93
342	Ontogeny of type I and type II corticosteroid receptors in the rat hippocampus. *Developmental Brain Research*, **1988**, 470, 113-8		93
341	Signaling pathways in brain involved in predisposition and pathogenesis of stress-related disease: genetic and kinetic factors affecting the MR/GR balance. *Annals of the New York Academy of Sciences*, **2004**, 1032, 14-34	6.5	92
340	Species-specificity of corticosteroid receptors in hamster and rat brains. *Endocrinology*, **1987**, 121, 1405-11	4.8	92
339	Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. *Endocrinology*, **1990**, 127, 907-15	4.8	91
338	Estradiol induces oxytocin binding sites in rat hypothalamic ventromedial nucleus. *European Journal of Pharmacology*, **1985**, 118, 185-6	5.3	91
337	Neurotrophic ACTH analogue promotes plasticity of type I corticosteroid receptor in brain of senescent male rats. *Neurobiology of Aging*, **1988**, 9, 253-60	5.6	90
336	The unliganded glucocorticoid receptor is localized in the nucleus, not in the cytoplasm. *Endocrinology*, **1992**, 130, 3575-81	4.8	89
335	Differential targeting of brain stress circuits with a selective glucocorticoid receptor modulator. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 7910-5	11.5	88
334	Glucocorticoids facilitate the retention of acquired immobility during forced swimming. *European Journal of Pharmacology*, **1985**, 115, 211-7	5.3	87
333	Development of individual differences in stress responsiveness: an overview of factors mediating the outcome of early life experiences. *Psychopharmacology*, **2011**, 214, 141-54	4.7	86
332	About stress hormones and resilience to psychopathology. *Journal of Neuroendocrinology*, **2008**, 20, 885-92	3.8	86
331	Steroid receptor coactivator-1 splice variants differentially affect corticosteroid receptor signaling. *Endocrinology*, **2005**, 146, 1438-48	4.8	86
330	Postnatal ontogeny of mineralocorticoid and glucocorticoid receptor gene expression in regions of the rat tel- and diencephalon. *Developmental Brain Research*, **1991**, 61, 33-43		86
329	Glucocorticoid receptor in magnocellular neurosecretory cells. *Endocrinology*, **1988**, 122, 444-9	4.8	86
328	Divergent prolactin and pituitary-adrenal activity in rats selectively bred for different dopamine responsiveness. *Endocrinology*, **1996**, 137, 1678-86	4.8	85

327	Glucocorticoid receptors, fibromyalgia and low back pain. *Psychoneuroendocrinology*, **1997**, 22, 603-14	5	83
326	Corticosteroid receptor types in brain: regulation and putative function. *Annals of the New York Academy of Sciences*, **1987**, 512, 351-61	6.5	83
325	Testosterone-sensitive vasotocin-immunoreactive cells and fibers in the canary brain. *Brain Research*, **1988**, 442, 139-46	3.7	83
324	Inhibitory avoidance deficit following short-term adrenalectomy in the rat: the role of adrenal catecholamines. *Behavioral and Neural Biology*, **1983**, 39, 241-58		83
323	Human mineralocorticoid receptor (MR) gene haplotypes modulate MR expression and transactivation: implication for the stress response. *Psychoneuroendocrinology*, **2011**, 36, 699-709	5	82
322	Early Life Stress Effects on Glucocorticoid-BDNF Interplay in the Hippocampus. *Frontiers in Molecular Neuroscience*, **2015**, 8, 68	6.1	81
321	Chronic brain glucocorticoid receptor blockade enhances the rise in circadian and stress-induced pituitary-adrenal activity. *Endocrinology*, **1996**, 137, 4935-43	4.8	81
320	Low doses of dexamethasone can produce a hypocorticosteroid state in the brain. *Endocrinology*, **2005**, 146, 5587-95	4.8	81
319	Differential and age-dependent effects of maternal deprivation on the hypothalamic-pituitary-adrenal axis of brown norway rats from youth to senescence. *Journal of Neuroendocrinology*, **2001**, 13, 569-80	3.8	81
318	Stress responsiveness varies over the ultradian glucocorticoid cycle in a brain-region-specific manner. *Endocrinology*, **2010**, 151, 5369-79	4.8	80
317	Basal and stress-induced differences in HPA axis, 5-HT responsiveness, and hippocampal cell proliferation in two mouse lines. *Annals of the New York Academy of Sciences*, **2004**, 1018, 255-65	6.5	79
316	Corticosteroid receptor genetic polymorphisms and stress responsivity. *Endocrine*, **2005**, 28, 263-70		79
315	Episodic corticosterone treatment accelerates kindling epileptogenesis and triggers long-term changes in hippocampal CA1 cells, in the fully kindled state. *European Journal of Neuroscience*, **1999** , 11, 889-98	3.5	79
314	Steroid receptor coactivator-1 is necessary for regulation of corticotropin-releasing hormone by chronic stress and glucocorticoids. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 8038-42	11.5	78
313	30 YEARS OF THE MINERALOCORTICOID RECEPTOR: The brain mineralocorticoid receptor: a saga in three episodes. *Journal of Endocrinology*, **2017**, 234, T49-T66	4.7	77
312	Previous history of chronic stress changes the transcriptional response to glucocorticoid challenge in the dentate gyrus region of the male rat hippocampus. *Endocrinology*, **2013**, 154, 3261-72	4.8	77
311	A putative glucocorticoid receptor and a transcortin-like macromolecule in pituitary cytosol. *Biochimica Et Biophysica Acta - General Subjects*, **1976**, 421, 115-23	4	77
310	Disrupted corticosterone pulsatile patterns attenuate responsiveness to glucocorticoid signaling in rat brain. *Endocrinology*, **2010**, 151, 1177-86	4.8	76

309	Antisense to the glucocorticoid receptor in hippocampal dentate gyrus reduces immobility in forced swim test. *European Journal of Pharmacology*, **1996**, 301, 19-25	5.3	76
308	The transcriptional response to chronic stress and glucocorticoid receptor blockade in the hippocampal dentate gyrus. *Hippocampus*, **2012**, 22, 359-71	3.5	75
307	Long term sex-dependent psychoneuroendocrine effects of maternal deprivation and juvenile unpredictable stress in rats. *Journal of Neuroendocrinology*, **2011**, 23, 329-44	3.8	75
306	Increased neuroendocrine reactivity and decreased brain mineralocorticoid receptor-binding capacity in aged dogs. *Endocrinology*, **1993**, 132, 161-8	4.8	75
305	Stress-induced plasticity and functioning of ventral tegmental dopamine neurons. *Neuroscience and Biobehavioral Reviews*, **2020**, 108, 48-77	9	75
304	Two populations of glucocorticoid receptor-binding sites in the male rat hippocampal genome. *Endocrinology*, **2013**, 154, 1832-44	4.8	74
303	Neuronal and astroglial alterations in the hippocampus of a mouse model for type 1 diabetes. *Brain Research*, **2005**, 1038, 22-31	3.7	74
302	A genome-wide signature of glucocorticoid receptor binding in neuronal PC12 cells. *BMC Neuroscience*, **2012**, 13, 118	3.2	73
301	The use of various animal models in the study of stress and stress-related phenomena. *Laboratory Animals*, **1994**, 28, 293-306	2.6	73
300	Glucocorticoids modulate the mTOR pathway in the hippocampus: differential effects depending on stress history. *Endocrinology*, **2012**, 153, 4317-27	4.8	72
299	Brain-corticosteroid hormone dialogue: slow and persistent. *Cellular and Molecular Neurobiology*, **1996**, 16, 345-56	4.6	72
298	Fundamental aspects of the impact of glucocorticoids on the (immature) brain. *Seminars in Fetal and Neonatal Medicine*, **2009**, 14, 136-42	3.7	70
297	Functional mineralocorticoid receptor (MR) gene variation influences the cortisol awakening response after dexamethasone. *Psychoneuroendocrinology*, **2010**, 35, 339-49	5	70
296	Metabolic signals modulate hypothalamic-pituitary-adrenal axis activation during maternal separation of the neonatal mouse. *Journal of Neuroendocrinology*, **2006**, 18, 865-74	3.8	70
295	Persistent effects of maternal deprivation on HPA regulation can be reversed by feeding and stroking, but not by dexamethasone. *Journal of Neuroendocrinology*, **1999**, 11, 581-8	3.8	69
294	Regulation of interleukin 6 gene expression in rat. *Endocrinology*, **1993**, 132, 1569-76	4.8	69
293	Corticosteroid actions on amino acid-mediated transmission in rat CA1 hippocampal cells. *Journal of Neuroscience*, **1993**, 13, 4082-90	6.6	69
292	Deletion of the life span determinant p66Shc prevents age-dependent increases in emotionality and pain sensitivity in mice. *Experimental Gerontology*, **2007**, 42, 37-45	4.5	68

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