

James P Herman

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217 papers	22,053 citations	73 h-index	146 g-index
243 ext. papers	24,491 ext. citations	4.7 avg, IF	7.15 L-index

#	Paper	IF	Citations
217	Neural regulation of endocrine and autonomic stress responses. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 397-409	13.5	1935
216	Neurocircuitry of stress: central control of the hypothalamo-pituitary-adrenocortical axis. <i>Trends in Neurosciences</i> , 1997 , 20, 78-84	13.3	1708
215	Central mechanisms of stress integration: hierarchical circuitry controlling hypothalamo-pituitary-adrenocortical responsiveness. <i>Frontiers in Neuroendocrinology</i> , 2003 , 24, 151-80	8.9	1185
214	Limbic system mechanisms of stress regulation: hypothalamo-pituitary-adrenocortical axis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005 , 29, 1201-13	5.5	924
213	Regulation of the Hypothalamic-Pituitary-Adrenocortical Stress Response. <i>Comprehensive Physiology</i> , 2016 , 6, 603-21	7.7	622
212	Strategies and methods for research on sex differences in brain and behavior. <i>Endocrinology</i> , 2005 , 146, 1650-73	4.8	576
211	Ventral subicular interaction with the hypothalamic paraventricular nucleus: evidence for a relay in the bed nucleus of the stria terminalis. <i>Journal of Comparative Neurology</i> , 1993 , 332, 1-20	3.4	501
210	Regulatory changes in neuroendocrine stress-integrative circuitry produced by a variable stress paradigm. <i>Neuroendocrinology</i> , 1995 , 61, 180-90	5.6	390
209	Limbic regulation of hypothalamo-pituitary-adrenocortical function during acute and chronic stress. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1148, 64-73	6.5	383
208	Bed nucleus of the stria terminalis subregions differentially regulate hypothalamic-pituitary-adrenal axis activity: implications for the integration of limbic inputs. <i>Journal of Neuroscience</i> , 2007 , 27, 2025-34	6.6	302
207	Chronic stress induces adrenal hyperplasia and hypertrophy in a subregion-specific manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E965-73	6	294
206	Neuronal circuit regulation of the hypothalamo-pituitary-adrenocortical stress axis. <i>Critical Reviews in Neurobiology</i> , 1996 , 10, 371-94		292
205	Localization and regulation of glucocorticoid and mineralocorticoid receptor messenger RNAs in the hippocampal formation of the rat. <i>Molecular Endocrinology</i> , 1989 , 3, 1886-94		276
204	Dissociation of ACTH and glucocorticoids. <i>Trends in Endocrinology and Metabolism</i> , 2008 , 19, 175-80	8.8	258
203	Glucagon-like peptide-1 (GLP-1) receptors expressed on nerve terminals in the portal vein mediate the effects of endogenous GLP-1 on glucose tolerance in rats. <i>Endocrinology</i> , 2007 , 148, 4965-73	4.8	256
202	Palmitic acid mediates hypothalamic insulin resistance by altering PKC-theta subcellular localization in rodents. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2577-89	15.9	250
201	Fast feedback inhibition of the HPA axis by glucocorticoids is mediated by endocannabinoid signaling. <i>Endocrinology</i> , 2010 , 151, 4811-9	4.8	226

200	Comparative analysis of ACTH and corticosterone sampling methods in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E823-8	6	218
199	Local circuit regulation of paraventricular nucleus stress integration: glutamate-GABA connections. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 71, 457-68	3.9	215
198	Region-specific regulation of glutamic acid decarboxylase (GAD) mRNA expression in central stress circuits. <i>Journal of Neuroscience</i> , 1998 , 18, 5938-47	6.6	214
197	Role of GABA and glutamate circuitry in hypothalamo-pituitary-adrenocortical stress integration. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1018, 35-45	6.5	204
196	Distribution of vesicular glutamate transporter mRNA in rat hypothalamus. <i>Journal of Comparative Neurology</i> , 2002 , 448, 217-29	3.4	202
195	Stress integration after acute and chronic predator stress: differential activation of central stress circuitry and sensitization of the hypothalamo-pituitary-adrenocortical axis. <i>Endocrinology</i> , 2003 , 144, 5249-58	4.8	201
194	The medial prefrontal cortex differentially regulates stress-induced c-fos expression in the forebrain depending on type of stressor. <i>European Journal of Neuroscience</i> , 2003 , 18, 2357-64	3.5	201
193	Neural control of chronic stress adaptation. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 61	3.5	196
192	Involvement of the bed nucleus of the stria terminalis in tonic regulation of paraventricular hypothalamic CRH and AVP mRNA expression. <i>Journal of Neuroendocrinology</i> , 1994 , 6, 433-42	3.8	193
191	Stress activation of cortex and hippocampus is modulated by sex and stage of estrus. <i>Endocrinology</i> , 2002 , 143, 2534-40	4.8	187
190	Mechanisms of rapid glucocorticoid feedback inhibition of the hypothalamic-pituitary-adrenal axis. <i>Stress</i> , 2011 , 14, 398-406	3	186
189	Sex differences in psychopathology: of gonads, adrenals and mental illness. <i>Physiology and Behavior</i> , 2009 , 97, 250-8	3.5	186
188	Functional role of local GABAergic influences on the HPA axis. <i>Brain Structure and Function</i> , 2008 , 213, 63-72	4	178
187	CNS glucagon-like peptide-1 receptors mediate endocrine and anxiety responses to interoceptive and psychogenic stressors. <i>Journal of Neuroscience</i> , 2003 , 23, 6163-70	6.6	176
186	Regulation of hippocampal glucocorticoid receptor gene transcription and protein expression in vivo. <i>Journal of Neuroscience</i> , 1998 , 18, 7462-73	6.6	172
185	Glucocorticoid actions on synapses, circuits, and behavior: implications for the energetics of stress. <i>Frontiers in Neuroendocrinology</i> , 2014 , 35, 180-196	8.9	170
184	Anatomical interactions between the central amygdaloid nucleus and the hypothalamic paraventricular nucleus of the rat: a dual tract-tracing analysis. <i>Journal of Chemical Neuroanatomy</i> , 1998 , 15, 173-85	3.2	169
183	Role of the ventral subiculum in stress integration. <i>Behavioural Brain Research</i> , 2006 , 174, 215-24	3.4	168

182	Requirement of cannabinoid receptor type 1 for the basal modulation of hypothalamic-pituitary-adrenal axis function. <i>Endocrinology</i> , 2007 , 148, 1574-81	4.8	163
181	Mechanisms in the bed nucleus of the stria terminalis involved in control of autonomic and neuroendocrine functions: a review. <i>Current Neuropharmacology</i> , 2013 , 11, 141-59	7.6	162
180	Contribution of the ventral subiculum to inhibitory regulation of the hypothalamo-pituitary-adrenocortical axis. <i>Journal of Neuroendocrinology</i> , 1995 , 7, 475-82	3.8	162
179	Regulation of adrenocorticosteroid receptor mRNA expression in the central nervous system. <i>Cellular and Molecular Neurobiology</i> , 1993 , 13, 349-72	4.6	158
178	Role of prefrontal cortex glucocorticoid receptors in stress and emotion. <i>Biological Psychiatry</i> , 2013 , 74, 672-9	7.9	156
177	Pleasurable behaviors reduce stress via brain reward pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20529-34	11.5	146
176	Differential forebrain c-fos mRNA induction by ether inhalation and novelty: evidence for distinctive stress pathways. <i>Brain Research</i> , 1999 , 845, 60-7	3.7	141
175	Stress, depression and Parkinson's disease. <i>Experimental Neurology</i> , 2012 , 233, 79-86	5.7	130
174	In situ hybridization analysis of arginine vasopressin gene transcription using intron-specific probes. <i>Molecular Endocrinology</i> , 1991 , 5, 1447-56		129
173	Hypoactivity of the hypothalamo-pituitary-adrenocortical axis during recovery from chronic variable stress. <i>Endocrinology</i> , 2006 , 147, 2008-17	4.8	126
172	The role of the forebrain glucocorticoid receptor in acute and chronic stress. <i>Endocrinology</i> , 2008 , 149, 5482-90	4.8	125
171	Role of the paraventricular nucleus microenvironment in stress integration. <i>European Journal of Neuroscience</i> , 2002 , 16, 381-5	3.5	125
170	Hyperphagia and increased fat accumulation in two models of chronic CNS glucagon-like peptide-1 loss of function. <i>Journal of Neuroscience</i> , 2011 , 31, 3904-13	6.6	119
169	Estrogen potentiates adrenocortical responses to stress in female rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1173-82	6	119
168	Chronic Stress Increases Prefrontal Inhibition: A Mechanism for Stress-Induced Prefrontal Dysfunction. <i>Biological Psychiatry</i> , 2016 , 80, 754-764	7.9	119
167	Selective forebrain fiber tract lesions implicate ventral hippocampal structures in tonic regulation of paraventricular nucleus corticotropin-releasing hormone (CRH) and arginine vasopressin (AVP) mRNA expression. <i>Brain Research</i> , 1992 , 592, 228-38	3.7	118
166	Expression of ionotropic glutamate receptor subunit mRNAs in the hypothalamic paraventricular nucleus of the rat. <i>Journal of Comparative Neurology</i> , 2000 , 422, 352-362	3.4	117
165	In situ hybridization analysis of vasopressin gene transcription in the paraventricular and supraoptic nuclei of the rat: regulation by stress and glucocorticoids. <i>Journal of Comparative Neurology</i> , 1995 , 363, 15-27	3.4	117

164	Neural Regulation of the Stress Response: The Many Faces of Feedback. <i>Cellular and Molecular Neurobiology</i> , 2012 , 32, 683	4.6	111
163	Chronic stress-induced neurotransmitter plasticity in the PVN. <i>Journal of Comparative Neurology</i> , 2009 , 517, 156-65	3.4	108
162	Limbic and HPA axis function in an animal model of chronic neuropathic pain. <i>Physiology and Behavior</i> , 2006 , 88, 67-76	3.5	106
161	Daily limited access to sweetened drink attenuates hypothalamic-pituitary-adrenocortical axis stress responses. <i>Endocrinology</i> , 2007 , 148, 1823-34	4.8	105
160	Mifepristone decreases depression-like behavior and modulates neuroendocrine and central hypothalamic-pituitary-adrenocortical axis responsiveness to stress. <i>Psychoneuroendocrinology</i> , 2010 , 35, 1100-12	5	102
159	Paraventricular Hypothalamic Mechanisms of Chronic Stress Adaptation. <i>Frontiers in Endocrinology</i> , 2016 , 7, 137	5.7	102
158	Stress vulnerability during adolescent development in rats. <i>Endocrinology</i> , 2011 , 152, 629-38	4.8	97
157	Chronic electroconvulsive shock treatment elicits up-regulation of CRF and AVP mRNA in select populations of neuroendocrine neurons. <i>Brain Research</i> , 1989 , 501, 235-46	3.7	92
156	Stress risk factors and stress-related pathology: neuroplasticity, epigenetics and endophenotypes. <i>Stress</i> , 2011 , 14, 481-97	3	91
155	Central stress-integrative circuits: forebrain glutamatergic and GABAergic projections to the dorsomedial hypothalamus, medial preoptic area, and bed nucleus of the stria terminalis. <i>Brain Structure and Function</i> , 2014 , 219, 1287-303	4	88
154	Chronic stress plasticity in the hypothalamic paraventricular nucleus. <i>Progress in Brain Research</i> , 2008 , 170, 353-64	2.9	88
153	Corticotropin-releasing hormone protects neurons against insults relevant to the pathogenesis of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2001 , 8, 492-503	7.5	88
152	The anteroventral bed nucleus of the stria terminalis differentially regulates hypothalamic-pituitary-adrenocortical axis responses to acute and chronic stress. <i>Endocrinology</i> , 2008 , 149, 818-26	4.8	87
151	Distribution of natriuretic peptide precursor mRNAs in the rat brain. <i>Journal of Comparative Neurology</i> , 1995 , 356, 183-99	3.4	84
150	The role of the posterior medial bed nucleus of the stria terminalis in modulating hypothalamic-pituitary-adrenocortical axis responsiveness to acute and chronic stress. <i>Psychoneuroendocrinology</i> , 2008 , 33, 659-69	5	81
149	Neurocircuitry of stress integration: anatomical pathways regulating the hypothalamo-pituitary-adrenocortical axis of the rat. <i>Integrative and Comparative Biology</i> , 2002 , 42, 541-51	2.8	79
148	Reduced behavioral response to gonadal hormones in mice shipped during the peripubertal/adolescent period. <i>Endocrinology</i> , 2009 , 150, 2351-8	4.8	78
147	Ascending mechanisms of stress integration: Implications for brainstem regulation of neuroendocrine and behavioral stress responses. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 74, 366-375	3.75	75

146	Decrements in nuclear glucocorticoid receptor (GR) protein levels and DNA binding in aged rat hippocampus. <i>Endocrinology</i> , 2002 , 143, 1362-70	4.8	75
145	Organization and regulation of paraventricular nucleus glutamate signaling systems: N-methyl-D-aspartate receptors. <i>Journal of Comparative Neurology</i> , 2005 , 484, 43-56	3.4	74
144	Identification of chronic stress-activated regions reveals a potential recruited circuit in rat brain. <i>European Journal of Neuroscience</i> , 2012 , 36, 2547-55	3.5	68
143	Local integration of glutamate signaling in the hypothalamic paraventricular region: regulation of glucocorticoid stress responses. <i>Endocrinology</i> , 2000 , 141, 4801-4	4.8	67
142	Regulation of basal corticotropin-releasing hormone and arginine vasopressin messenger ribonucleic acid expression in the paraventricular nucleus: effects of selective hypothalamic deafferentations. <i>Endocrinology</i> , 1990 , 127, 2408-17	4.8	67
141	Defense of adrenocorticosteroid receptor expression in rat hippocampus: effects of stress and strain. <i>Endocrinology</i> , 1999 , 140, 3981-91	4.8	66
140	Angiotensin type 1a receptors in the paraventricular nucleus of the hypothalamus protect against diet-induced obesity. <i>Journal of Neuroscience</i> , 2013 , 33, 4825-33	6.6	64
139	Hypothalamo-Pituitary-Adrenocortical Regulation Following Lesions of the Central Nucleus of the Amygdala. <i>Stress</i> , 1997 , 1, 263-280	3	64
138	Role of central glucagon-like peptide-1 in stress regulation. <i>Physiology and Behavior</i> , 2013 , 122, 201-7	3.5	63
137	Up-regulation of alpha1D Ca ²⁺ channel subunit mRNA expression in the hippocampus of aged F344 rats. <i>Neurobiology of Aging</i> , 1998 , 19, 581-7	5.6	63
136	Hydration state controls stress responsiveness and social behavior. <i>Journal of Neuroscience</i> , 2011 , 31, 5470-6	6.6	62
135	Distribution of glucagon-like peptide-1 immunoreactivity in the hypothalamic paraventricular and supraoptic nuclei. <i>Journal of Chemical Neuroanatomy</i> , 2008 , 36, 144-9	3.2	59
134	Diurnal Regulation of Glucocorticoid Receptor and Mineralocorticoid Receptor mRNAs in Rat Hippocampus. <i>Molecular and Cellular Neurosciences</i> , 1993 , 4, 181-90	4.8	59
133	Stress activation of IL-6 neurons in the hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R343-51	3.2	58
132	Stressor-selective role of the ventral subiculum in regulation of neuroendocrine stress responses. <i>Endocrinology</i> , 2004 , 145, 3763-8	4.8	57
131	Rapid Nongenomic Glucocorticoid Actions in Male Mouse Hypothalamic Neuroendocrine Cells Are Dependent on the Nuclear Glucocorticoid Receptor. <i>Endocrinology</i> , 2015 , 156, 2831-42	4.8	56
130	Differential effects of homotypic vs. heterotypic chronic stress regimens on microglial activation in the prefrontal cortex. <i>Physiology and Behavior</i> , 2013 , 122, 246-52	3.5	56
129	Forebrain origins of glutamatergic innervation to the rat paraventricular nucleus of the hypothalamus: differential inputs to the anterior versus posterior subregions. <i>Journal of Comparative Neurology</i> , 2011 , 519, 1301-19	3.4	56

128	Blood-borne angiotensin II acts in the brain to influence behavioral and endocrine responses to psychogenic stress. <i>Journal of Neuroscience</i> , 2011 , 31, 15009-15	6.6	56
127	Stress: Influence of sex, reproductive status and gender. <i>Neurobiology of Stress</i> , 2019 , 10, 100155	7.6	55
126	Central angiotensin II has catabolic action at white and brown adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E1081-91	6	53
125	Glucocorticoid regulation of preproglucagon transcription and RNA stability during stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5913-8	11.5	52
124	Neuroendocrine Function After Hypothalamic Depletion of Glucocorticoid Receptors in Male and Female Mice. <i>Endocrinology</i> , 2015 , 156, 2843-53	4.8	51
123	Neuropeptide Y (NPY) and posttraumatic stress disorder (PTSD): A translational update. <i>Experimental Neurology</i> , 2016 , 284, 196-210	5.7	51
122	Opposing effects of chronic stress and weight restriction on cardiovascular, neuroendocrine and metabolic function. <i>Physiology and Behavior</i> , 2011 , 104, 228-34	3.5	50
121	Aberrant stress response associated with severe hypoglycemia in a transgenic mouse model of Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 1999 , 13, 159-65	3.3	50
120	Mouse handling limits the impact of stress on metabolic endpoints. <i>Physiology and Behavior</i> , 2015 , 150, 31-7	3.5	49
119	Impact of corticosterone treatment on spontaneous seizure frequency and epileptiform activity in mice with chronic epilepsy. <i>PLoS ONE</i> , 2012 , 7, e46044	3.7	49
118	Enhanced fear recall and emotional arousal in rats recovering from chronic variable stress. <i>Physiology and Behavior</i> , 2010 , 101, 474-82	3.5	49
117	Chronic social stress in the visible burrow system modulates stress-related gene expression in the bed nucleus of the stria terminalis. <i>Physiology and Behavior</i> , 2006 , 89, 301-10	3.5	49
116	Traumatic brain injury regulates adrenocorticosteroid receptor mRNA levels in rat hippocampus. <i>Brain Research</i> , 2002 , 947, 41-9	3.7	49
115	Disruption of Glucagon-Like Peptide 1 Signaling in Sim1 Neurons Reduces Physiological and Behavioral Reactivity to Acute and Chronic Stress. <i>Journal of Neuroscience</i> , 2017 , 37, 184-193	6.6	48
114	Sex differences in synaptic plasticity in stress-responsive brain regions following chronic variable stress. <i>Physiology and Behavior</i> , 2011 , 104, 242-7	3.5	48
113	Stimulation of the prelimbic cortex differentially modulates neuroendocrine responses to psychogenic and systemic stressors. <i>Physiology and Behavior</i> , 2011 , 104, 266-71	3.5	48
112	The selective glucocorticoid receptor antagonist CORT 108297 decreases neuroendocrine stress responses and immobility in the forced swim test. <i>Hormones and Behavior</i> , 2014 , 65, 363-71	3.7	47
111	Nongenomic actions of adrenal steroids in the central nervous system. <i>Journal of Neuroendocrinology</i> , 2010 , 22, 846-61	3.8	47

110	Hypothalamo-pituitary-adrenocortical dysregulation in aging F344/Brown-Norway F1 hybrid rats. <i>Neurobiology of Aging</i> , 2001 , 22, 323-32	5.6	46
109	Regulation of Hypothalamo-Pituitary-Adrenocortical Responses to Stressors by the Nucleus of the Solitary Tract/Dorsal Vagal Complex. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 25-35	4.6	45
108	Enduring influences of peripubertal/adolescent stressors on behavioral response to estradiol and progesterone in adult female mice. <i>Endocrinology</i> , 2009 , 150, 3717-25	4.8	45
107	Stress and amphetamine induce Fos expression in medial prefrontal cortex neurons containing glucocorticoid receptors. <i>Brain Research</i> , 2003 , 990, 209-14	3.7	45
106	Mineralocorticoid receptors regulate bcl-2 and p53 mRNA expression in hippocampus. <i>NeuroReport</i> , 1998 , 9, 3085-9	1.7	41
105	Stress regulation of mineralocorticoid receptor heteronuclear RNA in rat hippocampus. <i>Brain Research</i> , 1995 , 677, 243-9	3.7	41
104	Microglial Acid Sensing Regulates Carbon Dioxide-Evoked Fear. <i>Biological Psychiatry</i> , 2016 , 80, 541-51	7.9	40
103	Role of paraventricular nucleus-projecting norepinephrine/epinephrine neurons in acute and chronic stress. <i>European Journal of Neuroscience</i> , 2014 , 39, 1903-11	3.5	40
102	Norepinephrine-gamma-aminobutyric acid (GABA) interaction in limbic stress circuits: effects of reboxetine on GABAergic neurons. <i>Biological Psychiatry</i> , 2003 , 53, 166-74	7.9	40
101	Adolescent chronic stress causes hypothalamo-pituitary-adrenocortical hypo-responsiveness and depression-like behavior in adult female rats. <i>Psychoneuroendocrinology</i> , 2016 , 65, 109-17	5	39
100	Role of glucocorticoids in tuning hindbrain stress integration. <i>Journal of Neuroscience</i> , 2010 , 30, 14907-14	14.6	39
99	Dietary restriction selectively decreases glucocorticoid receptor expression in the hippocampus and cerebral cortex of rats. <i>Experimental Neurology</i> , 2000 , 166, 435-41	5.7	39
98	Sensitization of the Hypothalamic-Pituitary-Adrenal Axis in a Male Rat Chronic Stress Model. <i>Endocrinology</i> , 2016 , 157, 2346-55	4.8	39
97	"Braking" the Prefrontal Cortex: The Role of Glucocorticoids and Interneurons in Stress Adaptation and Pathology. <i>Biological Psychiatry</i> , 2019 , 86, 669-681	7.9	38
96	HPA axis dampening by limited sucrose intake: reward frequency vs. caloric consumption. <i>Physiology and Behavior</i> , 2011 , 103, 104-10	3.5	38
95	Role of central glucagon-like peptide-1 in hypothalamo-pituitary-adrenocortical facilitation following chronic stress. <i>Experimental Neurology</i> , 2008 , 210, 458-66	5.7	38
94	Environmental enrichment protects against functional deficits caused by traumatic brain injury. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 44	3.5	37
93	Brainstem origins of glutamatergic innervation of the rat hypothalamic paraventricular nucleus. <i>Journal of Comparative Neurology</i> , 2012 , 520, 2369-94	3.4	36

92	GABAergic circuits and the stress hypo-responsive period in the rat: ontogeny of glutamic acid decarboxylase (GAD) 67 mRNA expression in limbic-hypothalamic stress pathways. <i>Brain Research</i> , 2007 , 1138, 1-9	3.7	36
91	Hypothalamic-pituitary-adrenal axis, glucocorticoids, and neurologic disease. <i>Neurologic Clinics</i> , 2006 , 24, 461-81, vi	4.5	36
90	Ibotenate-induced cell death in the hypothalamic paraventricular nucleus: differential susceptibility of magnocellular and parvocellular neurons. <i>Brain Research</i> , 1986 , 383, 367-72	3.7	36
89	Stress, autonomic imbalance, and the prediction of metabolic risk: A model and a proposal for research. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 86, 12-20	9	35
88	Behavioral and physiological consequences of enrichment loss in rats. <i>Psychoneuroendocrinology</i> , 2017 , 77, 37-46	5	32
87	Infralimbic prefrontal cortex structural and functional connectivity with the limbic forebrain: a combined viral genetic and optogenetic analysis. <i>Brain Structure and Function</i> , 2019 , 224, 73-97	4	32
86	Adipocyte glucocorticoid receptors mediate fat-to-brain signaling. <i>Psychoneuroendocrinology</i> , 2015 , 56, 110-9	5	29
85	Loss of melanocortin-4 receptor function attenuates HPA responses to psychological stress. <i>Psychoneuroendocrinology</i> , 2014 , 42, 98-105	5	28
84	Glucocorticoid receptors in the nucleus of the solitary tract (NTS) decrease endocrine and behavioral stress responses. <i>Psychoneuroendocrinology</i> , 2014 , 45, 142-53	5	28
83	Role of Paraventricular Nucleus Glutamate Signaling in Regulation of HPA Axis Stress Responses. <i>Interdisciplinary Information Sciences</i> , 2015 , 21, 253-260	0.2	28
82	Hypothalamic-pituitary-adrenocortical axis dysfunction in epilepsy. <i>Physiology and Behavior</i> , 2016 , 166, 22-31	3.5	28
81	GABAergic Signaling within a Limbic-Hypothalamic Circuit Integrates Social and Anxiety-Like Behavior with Stress Reactivity. <i>Neuropsychopharmacology</i> , 2016 , 41, 1530-9	8.7	27
80	Chronic stress, energy balance and adiposity in female rats. <i>Physiology and Behavior</i> , 2011 , 102, 84-90	3.5	26
79	Heterogeneity of neuroendocrine stress responses in aging rat strains. <i>Physiology and Behavior</i> , 2009 , 96, 6-11	3.5	26
78	Lesion of the central nucleus of the amygdala decreases basal CRH mRNA expression and stress-induced ACTH release. <i>Annals of the New York Academy of Sciences</i> , 1994 , 746, 438-40	6.5	25
77	Stability of neuroendocrine and behavioral responsiveness in aging Fischer 344/Brown-Norway hybrid rats. <i>Endocrinology</i> , 2005 , 146, 3105-12	4.8	25
76	Differential regulation of forebrain glutamic acid decarboxylase mRNA expression by aging and stress. <i>Brain Research</i> , 2001 , 912, 60-6	3.7	25
75	Neural pathways of stress integration: relevance to alcohol abuse 2012 , 34, 441-7		25

74	Chronic variable stress improves glucose tolerance in rats with sucrose-induced prediabetes. <i>Psychoneuroendocrinology</i> , 2014 , 47, 178-88	5	24
73	Differential Regulation of Neuropeptide Y in the Amygdala and Prefrontal Cortex during Recovery from Chronic Variable Stress. <i>Frontiers in Behavioral Neuroscience</i> , 2011 , 5, 54	3.5	24
72	Changes in central sodium and not osmolarity or lactate induce panic-like responses in a model of panic disorder. <i>Neuropsychopharmacology</i> , 2010 , 35, 1333-47	8.7	24
71	GluR5-mediated glutamate signaling regulates hypothalamo-pituitary-adrenocortical stress responses at the paraventricular nucleus and median eminence. <i>Psychoneuroendocrinology</i> , 2009 , 34, 1370-9	5	24
70	Brain mechanisms of HPA axis regulation: neurocircuitry and feedback in context Richard Kvetnansky lecture. <i>Stress</i> , 2020 , 23, 617-632	3	24
69	Fat-brain connections: Adipocyte glucocorticoid control of stress and metabolism. <i>Frontiers in Neuroendocrinology</i> , 2018 , 48, 50-57	8.9	23
68	Optic tract injury after closed head traumatic brain injury in mice: A model of indirect traumatic optic neuropathy. <i>PLoS ONE</i> , 2018 , 13, e0197346	3.7	23
67	Central Nervous System GLP-1 Receptors Regulate Islet Hormone Secretion and Glucose Homeostasis in Male Rats. <i>Endocrinology</i> , 2017 , 158, 2124-2133	4.8	21
66	Role of nucleus of the solitary tract noradrenergic neurons in post-stress cardiovascular and hormonal control in male rats. <i>Stress</i> , 2015 , 18, 221-32	3	21
65	Weight loss by calorie restriction versus bariatric surgery differentially regulates the hypothalamo-pituitary-adrenocortical axis in male rats. <i>Stress</i> , 2014 , 17, 484-93	3	21
64	Physiological responses to acute psychological stress are reduced by the PPAR α agonist rosiglitazone. <i>Endocrinology</i> , 2012 , 153, 1279-87	4.8	21
63	Immunoautoradiographic and in situ hybridization analysis of corticotropin-releasing hormone biosynthesis in the hypothalamic paraventricular nucleus. <i>Journal of Chemical Neuroanatomy</i> , 1996 , 11, 49-56	3.2	20
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