Miles A Herkenham

List of Publications by Year in Descending Order

97 papers	11,511 citations	55 h-index	98 g-index
98 ext. papers	12,105 ext. citations	5.6 avg, IF	6.18 L-index

#	Paper	IF	Citations
97	CCR2 monocytes repair cerebrovascular damage caused by chronic social defeat stress.. *Brain, Behavior, and Immunity*, **2022**, 101, 346-346	16.6	0
96	B-cells are abnormal in psychosocial stress and regulate meningeal myeloid cell activation. *Brain, Behavior, and Immunity*, **2021**, 97, 226-238	16.6	5
95	Analysis of cerebrovascular dysfunction caused by chronic social defeat in mice. *Brain, Behavior, and Immunity*, **2020**, 88, 735-747	16.6	11
94	The Behavioral Sequelae of Social Defeat Require Microglia and Are Driven by Oxidative Stress in Mice. *Journal of Neuroscience*, **2019**, 39, 5594-5605	6.6	37
93	Decoding microglia responses to psychosocial stress reveals blood-brain barrier breakdown that may drive stress susceptibility. *Scientific Reports*, **2018**, 8, 11240	4.9	45
92	The contribution of microglia to "immunization against stress". *Brain, Behavior, and Immunity*, **2018**, 73, 161-162	16.6	0
91	Chronic social defeat reduces myelination in the mouse medial prefrontal cortex. *Scientific Reports*, **2017**, 7, 46548	4.9	69
90	Contributions of the adaptive immune system to mood regulation: Mechanisms and pathways of neuroimmune interactions. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 79, 49-57	5.5	20
89	Therapeutic effects of stress-programmed lymphocytes transferred to chronically stressed mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2016**, 70, 1-7	5.5	14
88	Social defeat induces depressive-like states and microglial activation without involvement of peripheral macrophages. *Journal of Neuroinflammation*, **2016**, 13, 224	10.1	81
87	Lymphocytes from chronically stressed mice confer antidepressant-like effects to naive mice. *Journal of Neuroscience*, **2015**, 35, 1530-8	6.6	90
86	Minimal NF-B activity in neurons. *Neuroscience*, **2013**, 250, 282-299	3.9	71
85	Glucocorticoids orchestrate divergent effects on mood through adult neurogenesis. *Journal of Neuroscience*, **2013**, 33, 2961-72	6.6	120
84	PACAP-deficient mice show attenuated corticosterone secretion and fail to develop depressive behavior during chronic social defeat stress. *Psychoneuroendocrinology*, **2013**, 38, 702-15	5	79
83	Urine scent marking (USM): a novel test for depressive-like behavior and a predictor of stress resiliency in mice. *PLoS ONE*, **2013**, 8, e69822	3.7	33
82	Maternal immune activation by LPS selectively alters specific gene expression profiles of interneuron migration and oxidative stress in the fetus without triggering a fetal immune response. *Brain, Behavior, and Immunity*, **2012**, 26, 623-34	16.6	152
81	Cautionary notes on the use of NF-B p65 and p50 antibodies for CNS studies. *Journal of Neuroinflammation*, **2011**, 8, 141	10.1	33

80	Environmental enrichment confers stress resiliency to social defeat through an infralimbic cortex-dependent neuroanatomical pathway. *Journal of Neuroscience*, **2011**, 31, 6159-73	6.6	163
79	NF-kappaB activity affects learning in aversive tasks: possible actions via modulation of the stress axis. *Brain, Behavior, and Immunity*, **2010**, 24, 1008-17	16.6	28
78	Induction of IDO by bacille Calmette-Guérin is responsible for development of murine depressive-like behavior. *Journal of Immunology*, **2009**, 182, 3202-12	5.3	240
77	Three Promoters Regulate Tissue- and Cell Type-specific Expression of Murine Interleukin-1 Receptor Type I. *Journal of Biological Chemistry*, **2009**, 284, 8703-13	5.4	11
76	Insidious adrenocortical insufficiency underlies neuroendocrine dysregulation in TIF-2 deficient mice. *FASEB Journal*, **2007**, 21, 231-8	0.9	27
75	Bacterial lipopolysaccharide fever is initiated via Toll-like receptor 4 on hematopoietic cells. *Blood*, **2006**, 107, 4000-2	2.2	78
74	Thermoregulatory responses of rats to conventional preparations of lipopolysaccharide are caused by lipopolysaccharide per se-- not by lipoprotein contaminants. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 289, R348-R352	3.2	30
73	Folliculo-stellate (FS) cells of the anterior pituitary mediate interactions between the endocrine and immune systems. *Endocrinology*, **2005**, 146, 33-4	4.8	18
72	Toll-like receptor 4 on nonhematopoietic cells sustains CNS inflammation during endotoxemia, independent of systemic cytokines. *Journal of Neuroscience*, **2005**, 25, 1788-96	6.6	325
71	Involvement of the Choroid Plexus and the Cerebrospinal Fluid in Immune Molecule Signaling in the Central Nervous System **2005**, 437-457		
70	Activin mRNA induced during amygdala kindling shows a spatiotemporal progression that tracks the spread of seizures. *Journal of Comparative Neurology*, **2004**, 476, 91-102	3.4	29
69	NF-kappaB p50-deficient mice show reduced anxiety-like behaviors in tests of exploratory drive and anxiety. *Behavioural Brain Research*, **2004**, 154, 577-84	3.4	80
68	Hyperforin-containing extracts of St John's wort fail to alter gene transcription in brain areas involved in HPA axis control in a long-term treatment regimen in rats. *Neuropsychopharmacology*, **2003**, 28, 2160-8	8.7	12
67	Induced neuronal expression of class I major histocompatibility complex mRNA in acute and chronic inflammation models. *Journal of Neuroimmunology*, **2002**, 131, 83-91	3.5	46
66	Immunization with a cannabinoid receptor type 1 peptide results in experimental allergic meningocerebellitis in the Lewis rat: a model for cell-mediated autoimmune neuropathology. *Journal of Neuroscience Research*, **2002**, 70, 150-60	4.4	1
65	Localization of cannabinoid CB(1) receptor mRNA in neuronal subpopulations of rat striatum: a double-label in situ hybridization study. *Synapse*, **2000**, 37, 71-80	2.4	180
64	Spatiotemporal induction patterns of cytokine and related immune signal molecule mRNAs in response to intrastriatal injection of lipopolysaccharide. *Journal of Neuroimmunology*, **2000**, 106, 114-29	3.5	27
63	Spatiotemporal induction patterns of cytokine and related immune signal molecule mRNAs in response to intrastriatal injection of lipopolysaccharide. *Journal of Neuroimmunology*, **2000**, 109, 245-60	3.5	26

62	Induction of IkappaBalpha mRNA expression in the brain by glucocorticoids: a negative feedback mechanism for immune-to-brain signaling. *Journal of Neuroscience*, **2000**, 20, 6473-7	6.6	49
61	Fragile X (fmr1) mRNA expression is differentially regulated in two adult models of activity-dependent gene expression. *Molecular Brain Research*, **2000**, 75, 337-41		22
60	Localization of cannabinoid CB1 receptor mRNA in neuronal subpopulations of rat striatum: A double-label in situ hybridization study **2000**, 37, 71		3
59	Induction of pro-inflammatory cytokine mRNAs in the brain after peripheral injection of subseptic doses of lipopolysaccharide in the rat. *Journal of Neuroimmunology*, **1999**, 93, 72-80	3.5	210
58	Pre- and postsynaptic distribution of cannabinoid and mu opioid receptors in rat spinal cord. *Brain Research*, **1999**, 822, 17-25	3.7	155
57	Chronic overexpression of proinflammatory cytokines and histopathology in the brains of rats infected with Trypanosoma brucei. *Journal of Comparative Neurology*, **1999**, 414, 114-30	3.4	65
56	Extrasynaptic receptors and parasynaptic communication in the brain. *Brain Research Bulletin*, **1999**, 50, 351-2	3.9	7
55	Region-specific up-regulation of opioid receptor binding in enkephalin knockout mice. *Molecular Brain Research*, **1999**, 68, 193-7		45
54	Cyclooxygenase 2 mRNA expression in rat brain after peripheral injection of lipopolysaccharide. *Brain Research*, **1998**, 802, 189-97	3.7	147
53	Temporal and spatial patterns of c-fos mRNA induced by intravenous interleukin-1: a cascade of non-neuronal cellular activation at the blood-brain barrier. *Journal of Comparative Neurology*, **1998**, 400, 175-96	3.4	65
52	Regulation of cannabinoid and mu opioid receptors in rat lumbar spinal cord following neonatal capsaicin treatment. *Neuroscience Letters*, **1998**, 252, 13-6	3.3	91
51	Area postrema removal abolishes stimulatory effects of intravenous interleukin-1beta on hypothalamic-pituitary-adrenal axis activity and c-fos mRNA in the hypothalamic paraventricular nucleus. *Brain Research Bulletin*, **1998**, 46, 495-503	3.9	63
50	Unilateral LTP triggers bilateral increases in hippocampal neurotrophin and trk receptor mRNA expression in behaving rats: evidence for interhemispheric communication. *Journal of Comparative Neurology*, **1996**, 368, 371-82	3.4	108
49	Effects of long-term treatment with antidepressant drugs on proopiomelanocortin and neuropeptide Y mRNA expression in the hypothalamic arcuate nucleus of rats. *Journal of Neuroendocrinology*, **1996**, 8, 337-43	3.8	41
48	Unilateral LTP triggers bilateral increases in hippocampal neurotrophin and trk receptor mRNA expression in behaving rats: Evidence for interhemispheric communication **1996**, 368, 371		2
47	Arcuate nucleus neurons that project to the hypothalamic paraventricular nucleus: neuropeptidergic identity and consequences of adrenalectomy on mRNA levels in the rat. *Journal of Comparative Neurology*, **1995**, 358, 518-30	3.4	170
46	Selective vulnerability in Huntington's disease: preferential loss of cannabinoid receptors in lateral globus pallidus. *Annals of Neurology*, **1994**, 36, 577-84	9.4	160
45	Hypothalamic lesions increase levels of neuropeptide Y mRNA in the arcuate nucleus of mice. *Neuroscience Letters*, **1994**, 165, 13-7	3.3	16

44	Molecular alterations in the neostriatum of human cocaine addicts. *Synapse*, **1993**, 13, 357-69	2.4	293
43	Chronic cannabinoid administration alters cannabinoid receptor binding in rat brain: a quantitative autoradiographic study. *Brain Research*, **1993**, 616, 293-302	3.7	155
42	Influence of a single injection of cocaine, amphetamine or GBR 12909 on mRNA expression of striatal neuropeptides. *Molecular Brain Research*, **1992**, 16, 97-104		144
41	Cannabinoid receptor localization in brain: relationship to motor and reward systems. *Annals of the New York Academy of Sciences*, **1992**, 654, 19-32	6.5	113
40	The antidepressants fluoxetine, idazoxan and phenelzine alter corticotropin-releasing hormone and tyrosine hydroxylase mRNA levels in rat brain: therapeutic implications. *Brain Research*, **1992**, 572, 117-25	3.7	222
39	Intrahippocampal colchicine alters hypothalamic corticotropin-releasing hormone and hippocampal steroid receptor mRNA in rat brain. *Neuroendocrinology*, **1992**, 55, 121-33	5.6	20
38	Repeated immobilization stress alters tyrosine hydroxylase, corticotropin-releasing hormone and corticosteroid receptor messenger ribonucleic Acid levels in rat brain. *Journal of Neuroendocrinology*, **1992**, 4, 689-99	3.8	101
37	Thalamoamygdaloid projections in the rat: a test of the amygdala's role in sensory processing. *Journal of Comparative Neurology*, **1991**, 313, 295-325	3.4	376
36	Effects of stress and adrenalectomy on tyrosine hydroxylase mRNA levels in the locus ceruleus by in situ hybridization. *Brain Research*, **1991**, 544, 26-32	3.7	120
35	Neuronal localization of cannabinoid receptors in the basal ganglia of the rat. *Brain Research*, **1991**, 547, 267-74	3.7	465
34	Selective anorexigenic effects of corticotropin releasing hormone in the rhesus monkey. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **1991**, 15, 379-91	5.5	11
33	Optimization of cRNA probe in situ hybridization methodology for localization of glucocorticoid receptor mRNA in rat brain: a detailed protocol. *Cellular and Molecular Neurobiology*, **1990**, 10, 145-57	4.6	185
32	Altered expression of hypothalamic neuropeptide mRNAs in food-restricted and food-deprived rats. *Neuroendocrinology*, **1990**, 52, 441-7	5.6	599
31	The cannabinoid receptor: biochemical, anatomical and behavioral characterization. *Trends in Neurosciences*, **1990**, 13, 420-3	13.3	254
30	Chronic morphine increases mu-opiate receptor binding in rat brain: a quantitative autoradiographic study. *Brain Research*, **1989**, 477, 382-6	3.7	91
29	Physiological regulation of neurohypophyseal kappa-opiate receptors. *Brain Research*, **1988**, 443, 398-402	3.7	18
28	Dehydration reduces kappa-opiate receptor binding in the neurohypophysis of the rat. *Brain Research*, **1987**, 425, 212-7	3.7	22
27	Autoradiographic evidence for two classes of mu opioid binding sites in rat brain using [125I]FK33824. *Peptides*, **1987**, 8, 1015-21	3.8	55

26	Distribution of opiate receptor subtypes and enkephalin and dynorphin immunoreactivity in the hippocampus of squirrel, guinea pig, rat, and hamster. *Journal of Comparative Neurology*, **1987**, 255, 497-510	3.4	161
25	A comparative autoradiographic study of the distributions of substance P and eledoisin binding sites in rat brain. *Brain Research*, **1986**, 385, 273-81	3.7	91
24	Autoradiographic localization of mu- and delta-opiate receptors in the forebrain of the rat. *Brain Research*, **1986**, 378, 49-60	3.7	166
23	Opiate receptors in rat pituitary are confined to the neural lobe and are exclusively kappa. *Brain Research*, **1986**, 382, 365-71	3.7	129
22	Neostriatal projections from individual cortical fields conform to histochemically distinct striatal compartments in the rat. *Brain Research*, **1986**, 365, 397-403	3.7	362
21	Evidence that the delta-selective alkylating agent, fit, alters the mu-noncompetitive opiate delta binding site. *Neuropeptides*, **1985**, 6, 227-37	3.3	9
20	Preparation of rat brain membranes highly enriched with opiate kappa binding sites using site-directed acylating agents: optimization of assay conditions. *Neuropeptides*, **1985**, 6, 503-16	3.3	31
19	Tritiated 2-deoxy-D-glucose: a high-resolution marker for autoradiographic localization of brain metabolism. *Journal of Comparative Neurology*, **1984**, 222, 128-39	3.4	20
18	Autoradiographic localization of a novel peptide binding site in rat brain using the substance P analog, eledoisin. *Neuropeptides*, **1984**, 4, 343-9	3.3	36
17	Quantitative receptor autoradiography: tissue defatting eliminates differential self-absorption of tritium radiation in gray and white matter of brain. *Brain Research*, **1984**, 321, 363-8	3.7	122
16	Visualization of rat brain receptors for the neuropeptide, substance P. *Brain Research*, **1984**, 309, 47-54	3.7	95
15	Comparative development of striatal opiate receptors and dopamine revealed by autoradiography and histofluorescence. *Brain Research*, **1984**, 305, 27-42	3.7	123
14	AUTORADIOGRAPHIC DEMONSTRATION OF RECEPTOR DISTRIBUTIONS **1984**, 127-152		4
13	Opiate receptor localization in rat cerebral cortex. *Journal of Comparative Neurology*, **1983**, 216, 339-58	3.4	85
12	Altered metabolic activity in the cerebral cortex of rats exposed to ketamine. *Journal of Comparative Neurology*, **1983**, 220, 396-404	3.4	46
11	Evolution of striatal opiate receptors. *Brain Research*, **1982**, 249, 184-8	3.7	44
10	Visualization and solubilization of rat brain opiate receptors with a "kappa" ligand selectivity pattern. *Cellular and Molecular Neurobiology*, **1982**, 2, 333-46	4.6	55
9	Intraventricular carbachol mimics the phase-shifting effect of light on the circadian rhythm of wheel-running activity. *Brain Research*, **1981**, 212, 234-8	3.7	112

8	Anesthetics and the habenulo-interpeduncular system: selective sparing of metabolic activity. *Brain Research*, **1981**, 210, 461-6	3.7	57
7	Ontogeny of opiate receptors in rat forebrain: visualization by in vitro autoradiography. *Developmental Brain Research*, **1981**, 254, 487-504		172
6	Mosaic distribution of opiate receptors, parafascicular projections and acetylcholinesterase in rat striatum. *Nature*, **1981**, 291, 415-8	50.4	482
5	From Receptors to Brain Circuitry **1981**, 511-522		5
4	The afferent and efferent connections of the ventromedial thalamic nucleus in the rat. *Journal of Comparative Neurology*, **1979**, 183, 487-517	3.4	425
3	Efferent connections of the habenular nuclei in the rat. *Journal of Comparative Neurology*, **1979**, 187, 19-47	3.4	682
2	The connections of the nucleus reuniens thalami: evidence for a direct thalamo-hippocampal pathway in the rat. *Journal of Comparative Neurology*, **1978**, 177, 589-610	3.4	391
1	Afferent connections of the habenular nuclei in the rat. A horseradish peroxidase study, with a note on the fiber-of-passage problem. *Journal of Comparative Neurology*, **1977**, 173, 123-46	3.4	684