Mikls Palkovits

List of Publications by Citations

306 papers	20,425 citations	69 h-index	134 g-index
312 ext. papers	21,707 ext. citations	6 avg, IF	6.21 L-index

#	Paper	IF	Citations
306	A mammalian microRNA expression atlas based on small RNA library sequencing. *Cell*, **2007**, 129, 1401-14	36.2	3005
305	Topographic atlas of catecholamine and acetylcholinesterase-containing neurons in the rat brain. II. Hindbrain (mesencephalon, rhombencephalon). *Journal of Comparative Neurology*, **1974**, 157, 29-42	3.4	850
304	Topographic atlas of catecholamine and acetylcholinesterase-containing neurons in the rat brain. I. Forebrain (telencephalon, diencephalon). *Journal of Comparative Neurology*, **1974**, 157, 13-28	3.4	640
303	Norepinephrine and dopamine content of hypothalamic nuclei of the rat. *Brain Research*, **1974**, 77, 137-49	3.7	446
302	Regional distribution of substance P in the brain of the rat. *Brain Research*, **1976**, 116, 299-305	3.7	408
301	Catecholaminergic systems in stress: structural and molecular genetic approaches. *Physiological Reviews*, **2009**, 89, 535-606	47.9	365
300	Dysregulation in the suicide brain: mRNA expression of corticotropin-releasing hormone receptors and GABA(A) receptor subunits in frontal cortical brain region. *Journal of Neuroscience*, **2004**, 24, 1478-85	6.6	310
299	Axonal changes in chronic demyelinated cervical spinal cord plaques. *Brain*, **2000**, 123 (Pt 2), 308-17	11.2	303
298	Stress-induced norepinephrine release in the hypothalamic paraventricular nucleus and pituitary-adrenocortical and sympathoadrenal activity: in vivo microdialysis studies. *Frontiers in Neuroendocrinology*, **1995**, 16, 89-150	8.9	299
297	Physiological role of a novel neuropeptide, apelin, and its receptor in the rat brain. *Journal of Neurochemistry*, **2001**, 77, 1085-96	6	293
296	Regional distribution of adrenaline in rat brain. *Brain Research*, **1976**, 107, 171-5	3.7	280
295	5-HT uptake sites and 5-HT2 receptors in brain of antidepressant-free suicide victims/depressives: increase in 5-HT2 sites in cortex and amygdala. *Brain Research*, **1993**, 614, 37-44	3.7	277
294	Localisation of phenylethanolamine N-methyl transferase in the rat brain nuclei. *Nature*, **1974**, 248, 695-6	30.4	270
293	Isolation and measurement of the endogenous cannabinoid receptor agonist, anandamide, in brain and peripheral tissues of human and rat. *FEBS Letters*, **1996**, 393, 231-5	3.8	258
292	Biochemical mapping of noradrenergic nerves arising from the rat locus coeruleus. *Brain Research*, **1974**, 77, 269-79	3.7	257
291	GABAA receptor promoter hypermethylation in suicide brain: implications for the involvement of epigenetic processes. *Biological Psychiatry*, **2008**, 64, 645-652	7.9	246
290	Dopamine biosynthesis is selectively abolished in substantia nigra/ventral tegmental area but not in hypothalamic neurons in mice with targeted disruption of the Nurr1 gene. *Molecular and Cellular Neurosciences*, **1998**, 11, 36-46	4.8	242

289	Distribution of mRNA encoding B78/apj, the rat homologue of the human APJ receptor, and its endogenous ligand apelin in brain and peripheral tissues. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2000**, 1492, 72-80		240
288	Neuroanatomy of central cardiovascular control. Nucleus tractus solitarii: afferent and efferent neuronal connections in relation to the baroreceptor reflex arc. *Progress in Brain Research*, **1977**, 47, 9-34	2.9	233
287	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7119-24	11.5	218
286	Distribution of glutamate decarboxylase in discrete brain nuclei. *Brain Research*, **1976**, 108, 371-9	3.7	198
285	Localization and dynamic regulation of biogenic amine transporters in the mammalian central nervous system. *Frontiers in Neuroendocrinology*, **1998**, 19, 187-231	8.9	184
284	A dynorphinergic pathway of Leu-enkephalin production in rat substantia nigra. *Nature*, **1984**, 307, 643-5	50.4	184
283	The LIM-homeobox gene Lhx8 is required for the development of many cholinergic neurons in the mouse forebrain. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 9005-10	11.5	182
282	Downregulation of the CB1 cannabinoid receptor and related molecular elements of the endocannabinoid system in epileptic human hippocampus. *Journal of Neuroscience*, **2008**, 28, 2976-90	6.6	180
281	Immunoreactive corticotropin-releasing hormone in the hypothalamoinfundibular tract. *Neuroendocrinology*, **1983**, 36, 415-23	5.6	166
280	Frequency of long allele in serotonin transporter gene is increased in depressed suicide victims. *Biological Psychiatry*, **1999**, 46, 196-201	7.9	145
279	Catecholamine content of individual brain regions of spontaneously hypertensive rats (SH-rats). *Brain Research*, **1976**, 112, 429-34	3.7	145
278	The Edinger-Westphal nucleus: a historical, structural, and functional perspective on a dichotomous terminology. *Journal of Comparative Neurology*, **2011**, 519, 1413-34	3.4	142
277	Innervation of the nucleus of the solitary tract and the dorsal vagal nucleus by thyrotropin-releasing hormone-containing raphe neurons. *Brain Research*, **1986**, 373, 246-51	3.7	133
276	Effects of various stressors on in vivo norepinephrine release in the hypothalamic paraventricular nucleus and on the pituitary-adrenocortical axis. *Annals of the New York Academy of Sciences*, **1995**, 771, 115-30	6.5	132
275	Pro-opiomelanocortin-derived peptides (ACTH/beta-endorphin/alpha-MSH) in brainstem baroreceptor areas of the rat. *Brain Research*, **1987**, 436, 323-38	3.7	128
274	Effects of antemortem and postmortem variables on human brain mRNA quality: a BrainNet Europe study. *Journal of Neuropathology and Experimental Neurology*, **2010**, 69, 70-81	3.1	127
273	Interconnections between the neuroendocrine hypothalamus and the central autonomic system. Geoffrey Harris Memorial Lecture, Kitakyushu, Japan, October 1998. *Frontiers in Neuroendocrinology*, **1999**, 20, 270-95	8.9	124
272	Corticotropin-releasing hormone, arginine vasopressin, gastrin-releasing peptide, and neuromedin B alterations in stress-relevant brain regions of suicides and control subjects. *Biological Psychiatry*, **2006**, 59, 594-602	7.9	121

271	Molecular neurobiology and pharmacology of the vasopressin/oxytocin receptor family. *Cellular and Molecular Neurobiology*, **1995**, 15, 573-95	4.6	115
270	Electron microscopic immunocytochemical evidence for the existence of bidirectional synaptic connections between growth hormone-releasing hormone- and somatostatin-containing neurons in the hypothalamus of the rat. *Brain Research*, **1989**, 481, 8-15	3.7	111
269	Distribution of vasoactive intestinal polypeptide (VIP) in the rat brain stem nuclei. *Brain Research*, **1982**, 231, 472-7	3.7	111
268	Astrocytes convert network excitation to tonic inhibition of neurons. *BMC Biology*, **2012**, 10, 26	7.3	110
267	Distribution of neuropeptides in the central nervous system: a review of biochemical mapping studies. *Progress in Neurobiology*, **1984**, 23, 151-89	10.9	109
266	Hypothalamic paraventricular nucleus: a quantitative analysis of cytoarchitectonic subdivisions in the rat. *Journal of Comparative Neurology*, **1991**, 313, 563-73	3.4	106
265	Noradrenergic activation in the paraventricular nucleus during acute and chronic immobilization stress in rats: an in vivo microdialysis study. *Brain Research*, **1992**, 589, 91-6	3.7	104
264	Distribution of immunoreactive dynorphin in the central nervous system of the rat. *Brain Research*, **1983**, 280, 81-93	3.7	104
263	Distribution of cholecystokinin (CCK) in the hypothalamus and limbic system of the rat. *Neuropeptides*, **1981**, 2, 123-129	3.3	104
262	Cocaine- and amphetamine-related transcript is involved in the orexigenic effect of endogenous anandamide. *Neuroendocrinology*, **2005**, 81, 273-82	5.6	103
261	Immunohistochemical mapping of neuropeptides in the premamillary region of the hypothalamus in rats. *Brain Research Reviews*, **1995**, 20, 209-49		94
260	G protein-coupled receptor heterodimerization in the brain. *Methods in Enzymology*, **2013**, 521, 281-94	1.7	92
259	Effects of immobilization on in vivo release of norepinephrine in the bed nucleus of the stria terminalis in conscious rats. *Brain Research*, **1995**, 688, 242-6	3.7	89
258	Distribution of norepinephrine and dopamine in cerebral cortical areas of the rat. *Brain Research Bulletin*, **1979**, 4, 593-601	3.9	89
257	Management of a twenty-first century brain bank: experience in the BrainNet Europe consortium. *Acta Neuropathologica*, **2008**, 115, 497-507	14.3	88
256	Glutamate uptake triggers transporter-mediated GABA release from astrocytes. *PLoS ONE*, **2009**, 4, e7153	3.7	86
255	Heterogeneous neurochemical responses to different stressors: a test of Selye's doctrine of nonspecificity. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1998**, 275, R1247-55	3.2	85
254	High activity-related allele of MAO-A gene associated with depressed suicide in males. *NeuroReport* , **2002**, 13, 1195-8	1.7	83

253	Common mechanisms in neurodegeneration and neuroinflammation: a BrainNet Europe gene expression microarray study. *Journal of Neural Transmission*, **2015**, 122, 1055-68	4.3	79
252	Selection of novel reference genes for use in the human central nervous system: a BrainNet Europe Study. *Acta Neuropathologica*, **2012**, 124, 893-903	14.3	79
251	Calcitonin gene-related peptide-containing pathways in the rat forebrain. *Journal of Comparative Neurology*, **2005**, 489, 92-119	3.4	79
250	Moonlighting proteins and protein-protein interactions as neurotherapeutic targets in the G protein-coupled receptor field. *Neuropsychopharmacology*, **2014**, 39, 131-55	8.7	78
249	miR-7b, a microRNA up-regulated in the hypothalamus after chronic hyperosmolar stimulation, inhibits Fos translation. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 15669-74	11.5	78
248	Distribution of cholecystokinin (CCK) in the rat lower brain stem nuclei. *Brain Research*, **1982**, 238, 260-5	3.7	77
247	Human NPY promoter variation rs16147:T>C as a moderator of prefrontal NPY gene expression and negative affect. *Human Mutation*, **2010**, 31, E1594-608	4.7	75
246	Protein kinase A in postmortem brain of depressed suicide victims: altered expression of specific regulatory and catalytic subunits. *Biological Psychiatry*, **2004**, 55, 234-43	7.9	75
245	Concentrations of pituitary adenylate cyclase activating polypeptide (PACAP) in human brain nuclei. *Brain Research*, **1995**, 699, 116-20	3.7	75
244	Punch sampling biopsy technique. *Methods in Enzymology*, **1983**, 103, 368-76	1.7	75
243	Determination of phosphorus-, copper-, and zinc-containing human brain proteins by LA-ICPMS and MALDI-FTICR-MS. *Analytical Chemistry*, **2005**, 77, 5851-60	7.8	74
242	RASGRF2 regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 21128-33	11.5	72
241	A peculiar constellation of tau pathology defines a subset of dementia in the elderly. *Acta Neuropathologica*, **2011**, 122, 205-22	14.3	70
240	Distribution of angiotensin II type-2 receptor (AT2) mRNA expression in the adult rat brain. *Journal of Comparative Neurology*, **1996**, 373, 322-39	3.4	70
239	Effect of novel stressors on gene expression of tyrosine hydroxylase and monoamine transporters in brainstem noradrenergic neurons of long-term repeatedly immobilized rats. *Brain Research*, **2001**, 899, 20-35	3.7	69
238	Specific binding of [3H]resiniferatoxin by human and rat preoptic area, locus ceruleus, medial hypothalamus, reticular formation and ventral thalamus membrane preparations. *Life Sciences*, **1996**, 59, 1899-908	6.8	69
237	Changes in the vasopressin content of discrete brain regions in response to stimuli for vasopressin secretion. *Neuroendocrinology*, **1984**, 38, 285-9	5.6	69
236	The regional distribution of N-acetylaspartylglutamate (NAAG) and peptidase activity against NAAG in the rat nervous system. *Journal of Neurochemistry*, **1994**, 62, 275-81	6	68

235	Stress-induced expression of co-localized neuropeptides in hypothalamic and amygdaloid neurons. *European Journal of Pharmacology*, **2000**, 405, 161-6	5.3	68
234	Novel tracing paradigms--genetically engineered herpesviruses as tools for mapping functional circuits within the CNS: present status and future prospects. *Progress in Neurobiology*, **2004**, 72, 417-45	10.9	67
233	Distribution of immunoreactive Met-enkephalin-Arg6-Gly7-Leu8 and Leu-enkephalin in discrete regions of the rat brain. *Brain Research*, **1985**, 326, 1-8	3.7	67
232	Pharmacological characterization of vanilloid receptor located in the brain. *Molecular Brain Research*, **2002**, 98, 51-7		66
231	Reduced [3H]flunitrazepam binding in cingulate cortex and hippocampus of postmortem schizophrenic brains: is selective loss of glutamatergic neurons associated with major psychoses?. *Neurochemical Research*, **1993**, 18, 219-23	4.6	66
230	Increased adrenaline content of individual nuclei of the hypothalamus and the medulla oblongata of genetically hypertensive ralamus and the medulla oblongata of genetically hypertensive rats. *Brain Research*, **1977**, 135, 180-5	3.7	65
229	Neuroprotective effect of a chuk-me-sun-dan on neurons from ischemic damage and neuronal cell toxicity. *Neurochemical Research*, **2006**, 31, 1-9	4.6	64
228	Biogenic amines and related enzymes in the circumventricular organs of the rat. *Brain Research*, **1976**, 107, 412-7	3.7	62
227	Brain enkephalin distribution is unaltered by hypophysectomy. *Life Sciences*, **1978**, 22, 527-30	6.8	62
226	Nesfatin-1/NUCB2 may participate in the activation of the hypothalamic-pituitary-adrenal axis in rats. *Neurochemistry International*, **2010**, 57, 189-97	4.4	61
225	Anatomical and physiological evidence for involvement of tuberoinfundibular peptide of 39 residues in nociception. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 1651-6	11.5	60
224	Thyrotropin releasing hormone in the median eminence is in processes of paraventricular nucleus neurons. *Neuropeptides*, **1982**, 2, 197-201	3.3	60
223	Fine topography of brain areas activated by cold stress. A fos immunohistochemical study in rats. *Neuroendocrinology*, **2000**, 72, 102-13	5.6	58
222	Decussations of the descending paraventricular pathways to the brainstem and spinal cord autonomic centers. *Journal of Comparative Neurology*, **1999**, 414, 255-266	3.4	57
221	Stress-induced norepinephrine release in the paraventricular nucleus of rats with brainstem hemisections: a microdialysis study. *Neuroendocrinology*, **1993**, 58, 196-201	5.6	57
220	Anxiolytic 2,3-benzodiazepines, their specific binding to the basal ganglia. *Progress in Neurobiology*, **2000**, 60, 309-42	10.9	56
219	Elevated adrenaline content in nuclei of the medulla oblongata and the hypothalamus during the development of spontaneous hypertension. *Brain Research*, **1978**, 157, 191-5	3.7	55
218	Topography of the somatostatin-immunoreactive fibers to the stalk-median eminence of the rat. *Neuroendocrinology*, **1983**, 37, 1-8	5.6	54

217	Neuropeptide and Small Transmitter Coexistence: Fundamental Studies and Relevance to Mental Illness. *Frontiers in Neural Circuits*, **2018**, 12, 106	3.5	53
216	Sex-specific differences in the dynamics of cocaine- and amphetamine-regulated transcript and nesfatin-1 expressions in the midbrain of depressed suicide victims vs. controls. *Neuropharmacology* , **2012**, 62, 297-303	5.5	52
215	Nigrostriatal innervation is preserved in Nurr1-null mice, although dopaminergic neuron precursors are arrested from terminal differentiation. *Molecular Brain Research*, **2000**, 84, 67-78		52
214	Expression and distribution of tuberoinfundibular peptide of 39 residues in the rat central nervous system. *Journal of Comparative Neurology*, **2003**, 455, 547-66	3.4	51
213	Regional distribution of substance P-like immunoreactivity in the lower brainstem of the rat. *Brain Research*, **1982**, 245, 376-8	3.7	51
212	Hypertension after localized transection of brainstem fibres. *Life Sciences*, **1976**, 18, 61-4	6.8	51
211	Distribution of immunoreactive dynorphin B in discrete areas of the rat brain and spinal cord. *Brain Research*, **1984**, 300, 121-7	3.7	50
210	Distribution of neuroactive substances in the dorsal vagal complex of the medulla oblongata. *Neurochemistry International*, **1985**, 7, 213-9	4.4	50
209	Changes in hypothalamic, limbic and extrapyramidal somatostatin levels following various hypothalamic transections in rat. *Brain Research*, **1980**, 195, 499-505	3.7	50
208	Region-specific alterations in glucocorticoid receptor expression in the postmortem brain of teenage suicide victims. *Psychoneuroendocrinology*, **2013**, 38, 2628-39	5	49
207	Serotonergic genes and suicidality. *Crisis*, **2001**, 22, 54-60	2.8	49
206	Altered functional protein networks in the prefrontal cortex and amygdala of victims of suicide. *PLoS ONE*, **2012**, 7, e50532	3.7	48
205	Distinct features of neurotransmitter systems in the human brain with focus on the galanin system in locus coeruleus and dorsal raphe. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E536-45	11.5	48
204	A role of the LIM-homeobox gene Lhx2 in the regulation of pituitary development. *Developmental Biology*, **2010**, 337, 313-23	3.1	47
203	Spatial and temporal activation of brain regions in hibernation: c-fos expression during the hibernation bout in thirteen-lined ground squirrel. *Journal of Comparative Neurology*, **2007**, 505, 443-58	3.4	47
202	Oxytocin nerve fibers innervate beta-endorphin neurons in the arcuate nucleus of the rat hypothalamus. *Neuroendocrinology*, **1992**, 56, 429-35	5.6	47
201	A secretagogin locus of the mammalian hypothalamus controls stress hormone release. *EMBO Journal*, **2015**, 34, 36-54	13	46
200	Differential expression of the bone and the liver tissue non-specific alkaline phosphatase isoforms in brain tissues. *Cell and Tissue Research*, **2011**, 343, 521-36	4.2	45

199	Tuberoinfundibular peptide of 39 residues is activated during lactation and participates in the suckling-induced prolactin release in rat. *Endocrinology*, **2010**, 151, 5830-40	4.8	45
198	Neuropeptides in the hypothalamo-hypophyseal system: lateral retrochiasmatic area as a common gate for neuronal fibers towards the median eminence. *Peptides*, **1984**, 5 Suppl 1, 35-9	3.8	45
197	Interactions between orexin-immunoreactive fibers and adrenaline or noradrenaline-expressing neurons of the lower brainstem in rats and mice. *Peptides*, **2010**, 31, 1589-97	3.8	44
196	Ontogeny of angiotensin II type 2 receptor mRNA expression in fetal and neonatal rat brain. *Journal of Comparative Neurology*, **1999**, 407, 193-206	3.4	44
195	Neural regulation of corticotropin releasing hormone (CRH) and CRH receptor mRNA in the hypothalamic paraventricular nucleus in the rat. *Journal of Neuroendocrinology*, **1996**, 8, 103-12	3.8	44
194	Neurons containing tuberoinfundibular peptide of 39 residues project to limbic, endocrine, auditory and spinal areas in rat. *Neuroscience*, **2003**, 122, 1093-105	3.9	43
193	The TIP39-PTH2 receptor system: unique peptidergic cell groups in the brainstem and their interactions with central regulatory mechanisms. *Progress in Neurobiology*, **2010**, 90, 29-59	10.9	42
192	Neuropeptide Y activates urocortin 1 neurons in the nonpreganglionic Edinger-Westphal nucleus. *Journal of Comparative Neurology*, **2007**, 500, 708-19	3.4	42
191	Lacrimal preganglionic neurons form a subdivision of the superior salivatory nucleus of rat: transneuronal labelling by pseudorabies virus. *Journal of the Autonomic Nervous System*, **1999**, 77, 45-54		42
190	The course of thyrotropin-releasing hormone fibers to the median eminence in rats. *Endocrinology*, **1982**, 110, 1526-8	4.8	42
189	Altered miRNA expression network in locus coeruleus of depressed suicide subjects. *Scientific Reports*, **2017**, 7, 4387	4.9	41
188	Nesfatin-1/NUCB2 as a potential new element of sleep regulation in rats. *PLoS ONE*, **2013**, 8, e59809	3.7	41
187	High-Coverage Whole-Exome Sequencing Identifies Candidate Genes for Suicide in Victims with Major Depressive Disorder. *Scientific Reports*, **2017**, 7, 7106	4.9	40
186	Parathyroid hormone 2 receptor and its endogenous ligand tuberoinfundibular peptide of 39 residues are concentrated in endocrine, viscerosensory and auditory brain regions in macaque and human. *Neuroscience*, **2009**, 162, 128-47	3.9	40
185	Neuropeptides in the median eminence: their sources and destinations. *Peptides*, **1982**, 3, 299-303	3.8	40
184	Gender and brain regions specific differences in brain derived neurotrophic factor protein levels of depressed individuals who died through suicide. *Neuroscience Letters*, **2015**, 600, 12-6	3.3	39
183	Thalamic neuropeptide mediating the effects of nursing on lactation and maternal motivation. *Psychoneuroendocrinology*, **2013**, 38, 3070-84	5	38
182	Differential and brain region-specific regulation of Rap-1 and Epac in depressed suicide victims. *Archives of General Psychiatry*, **2006**, 63, 639-48		38

181	Organization of the stress response at the anatomical level. *Progress in Brain Research*, **1987**, 72, 47-55	2.9	38
180	Distribution of vasoactive intestinal polypeptide in intact, stria terminalis transected and cerebral cortex isolated rats. *Brain Research*, **1981**, 213, 455-9	3.7	38
179	A novel pathway regulates thyroid hormone availability in rat and human hypothalamic neurosecretory neurons. *PLoS ONE*, **2012**, 7, e37860	3.7	38
178	Distribution of nociceptin/orphanin FQ in adult human brain. *Brain Research*, **2004**, 997, 24-9	3.7	37
177	New members of the parathyroid hormone/parathyroid hormone receptor family: the parathyroid hormone 2 receptor and tuberoinfundibular peptide of 39 residues. *Frontiers in Neuroendocrinology* , **2000**, 21, 349-83	8.9	37
176	SELECTIVE ALTERATIONS OF CATECHOLAMINES AND TYROSINE HYDROXYLASE ACTIVITY IN THE HYPOTHALAMUS FOLLOWING ACUTE AND CHRONIC STRESS **1976**, 29-38		37
175	Chronic hypercortisolemia inhibits dopamine synthesis and turnover in the nucleus accumbens: an in vivo microdialysis study. *Neuroendocrinology*, **2002**, 76, 148-57	5.6	36
174	Neuronal organization of stress response. Pain-induced c-fos expression in brain stem catecholaminergic cell groups. *Annals of the New York Academy of Sciences*, **1995**, 771, 313-26	6.5	36
173	Calpain activity in adult and aged human brain regions. *Neurochemical Research*, **1994**, 19, 563-7	4.6	35
172	Selective up-regulation of neuropeptide synthesis by blocking the neuronal activity: galanin expression in septohippocampal neurons. *Experimental Neurology*, **1994**, 126, 247-55	5.7	35
171	Activation-dependent subcellular distribution patterns of CB1 cannabinoid receptors in the rat forebrain. *Cerebral Cortex*, **2013**, 23, 2581-91	5.1	34
170	Altered Organization of GABA(A) Receptor mRNA Expression in the Depressed Suicide Brain. *Frontiers in Molecular Neuroscience*, **2010**, 3, 3	6.1	34
169	Neuropeptide messenger plasticity in the CNS neurons following axotomy. *Molecular Neurobiology*, **1995**, 10, 91-103	6.2	34
168	Comparison of [3H]resiniferatoxin binding by the vanilloid (capsaicin) receptor in dorsal root ganglia, spinal cord, dorsal vagal complex, sciatic and vagal nerve and urinary bladder of the rat. *Life Sciences*, **1994**, 55, 1017-26	6.8	34
167	On the origin of dynorphin A and alpha-neo-endorphin in the substantia nigra. *Neuropeptides*, **1984**, 4, 193-9	3.3	34
166	Alterations in the neuropeptide galanin system in major depressive disorder involve levels of transcripts, methylation, and peptide. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E8472-E8481	11.5	34
165	Emerging functions for tuberoinfundibular peptide of 39 residues. *Trends in Endocrinology and Metabolism*, **2003**, 14, 14-9	8.8	33
164	Area, age and gender dependence of the nucleoside system in the brain: a review of current literature. *Current Topics in Medicinal Chemistry*, **2011**, 11, 1012-33	3	32

163	Molecular pathway reconstruction and analysis of disturbed gene expression in depressed individuals who died by suicide. *PLoS ONE*, **2012**, 7, e47581	3.7	31
162	Comparative distribution of N-acetylaspartylglutamate and GAD67 in the cerebellum and precerebellar nuclei of the rat utilizing enhanced carbodiimide fixation and immunohistochemistry. *Journal of Comparative Neurology*, **1994**, 347, 598-618	3.4	31
161	Projections from the vestibular nuclei to the hypothalamic paraventricular nucleus: morphological evidence for the existence of a vestibular stress pathway in the rat brain. *Brain Structure and Function*, **2008**, 213, 239-45	4	30
160	Brainstem hemisection decreases corticotropin-releasing hormone mRNA in the paraventricular nucleus but not in the central amygdaloid nucleus. *Journal of Neuroendocrinology*, **1996**, 8, 543-51	3.8	30
159	The neuroendocrine functions of the parathyroid hormone 2 receptor. *Frontiers in Endocrinology*, **2012**, 3, 121	5.7	29
158	Ikaros is expressed in developing striatal neurons and involved in enkephalinergic differentiation. *Journal of Neurochemistry*, **2007**, 102, 1805-1816	6	29
157	Distribution of mRNA and binding sites of adrenoceptors and muscarinic receptors in the rat heart. *Life Sciences*, **2006**, 79, 112-20	6.8	29
156	Ultrastructural demonstration of ovine CRF-like immunoreactivity (oCRF-LI) in the rat hypothalamus: processes of magnocellular neurons establish membrane specializations with parvocellular neurons containing oCRF-LI. *Regulatory Peptides*, **1983**, 6, 179-88		29
155	Dynamic modulation of FGFR1-5-HT1A heteroreceptor complexes. Agonist treatment enhances participation of FGFR1 and 5-HT1A homodimers and recruitment of β-arrestin2. *Biochemical and Biophysical Research Communications*, **2013**, 441, 387-92	3.4	28
154	Construction of recombinant pseudorabies viruses optimized for labeling and neurochemical characterization of neural circuitry. *Molecular Brain Research*, **2002**, 109, 105-18		28
153	Glucagon-like peptide-1 of brainstem origin activates dorsomedial hypothalamic neurons in satiated rats. *Peptides*, **2012**, 35, 14-22	3.8	27
152	Activation of neurons in the hypothalamic dorsomedial nucleus via hypothalamic projections of the nucleus of the solitary tract following refeeding of fasted rats. *European Journal of Neuroscience*, **2010**, 31, 302-14	3.5	27
151	Tryptophan hydroxylase gene 218A/C polymorphism is not associated with depressed suicide. *International Journal of Neuropsychopharmacology*, **2000**, 3, 215-220	5.8	27
150	[□□]SD-7015 reveals fine modalities of CB□ cannabinoid receptor density in the prefrontal cortex during progression of Alzheimer□ disease. *Neurochemistry International*, **2012**, 60, 286-91	4.4	26
149	Unconventional translation initiation of human trypsinogen 4 at a CUG codon with an N-terminal leucine. A possible means to regulate gene expression. *FEBS Journal*, **2007**, 274, 1610-20	5.7	26
148	Afferent connections of the subparafascicular area in rat. *Neuroscience*, **2006**, 138, 197-220	3.9	26
147	Alpha2-adrenoceptor-mediated restraint of norepinephrine synthesis, release, and turnover during immobilization in rats. *Brain Research*, **1999**, 826, 243-52	3.7	26
146	Anatomy of neural pathways affecting CRH secretion. *Annals of the New York Academy of Sciences*, **1987**, 512, 139-48	6.5	26

145	Critical role of somatostatin receptor 2 in the vulnerability of the central noradrenergic system: new aspects on Alzheimer disease. *Acta Neuropathologica*, **2015**, 129, 541-63	14.3	25
144	Receptor?Receptor Interactions in Multiple 5-HT1A Heteroreceptor Complexes in Raphe-Hippocampal 5-HT Transmission and Their Relevance for Depression and Its Treatment. *Molecules*, **2018**, 23,	4.8	25
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