

MiklÅ³s Palkovits

List of Publications by Year in descending order

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308
papers

23,313
citations

10373

72
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9579

142
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312
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312
docs citations

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times ranked

21304
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Mammalian microRNA Expression Atlas Based on Small RNA Library Sequencing. <i>Cell</i> , 2007, 129, 1401-1414. | 13.5 | 3,390 |
| 2 | Topographic atlas of catecholamine and acetylcholinesterase-containing neurons in the rat brain. I. Forebrain (telencephalon, diencephalon). <i>Journal of Comparative Neurology</i> , 1974, 157, 13-28. | 0.9 | 915 |
| 3 | Topographic atlas of catecholamine and acetylcholinesterase-containing neurons in the rat brain. II. Hindbrain (mesencephalon, rhombencephalon). <i>Journal of Comparative Neurology</i> , 1974, 157, 29-41. | 0.9 | 874 |
| 4 | Norepinephrine and dopamine content of hypothalamic nuclei of the rat. <i>Brain Research</i> , 1974, 77, 137-149. | 1.1 | 482 |
| 5 | Catecholaminergic Systems in Stress: Structural and Molecular Genetic Approaches. <i>Physiological Reviews</i> , 2009, 89, 535-606. | 13.1 | 439 |
| 6 | Regional distribution of substance P in the brain of the rat. <i>Brain Research</i> , 1976, 116, 299-305. | 1.1 | 419 |
| 7 | Dysregulation in the Suicide Brain: mRNA Expression of Corticotropin-Releasing Hormone Receptors and GABAA Receptor Subunits in Frontal Cortical Brain Region. <i>Journal of Neuroscience</i> , 2004, 24, 1478-1485. | 1.7 | 352 |
| 8 | Stress-Induced Norepinephrine Release in the Hypothalamic Paraventricular Nucleus and Pituitary-Adrenocortical and Sympathoadrenal Activity: In Vivo Microdialysis Studies. <i>Frontiers in Neuroendocrinology</i> , 1995, 16, 89-150. | 2.5 | 348 |
| 9 | Axonal changes in chronic demyelinated cervical spinal cord plaques. <i>Brain</i> , 2000, 123, 308-317. | 3.7 | 336 |
| 10 | Physiological role of a novel neuropeptide, apelin, and its receptor in the rat brain. <i>Journal of Neurochemistry</i> , 2001, 77, 1085-1096. | 2.1 | 327 |
| 11 | Regional distribution of adrenaline in rat brain. <i>Brain Research</i> , 1976, 107, 171-175. | 1.1 | 295 |
| 12 | Isolation and measurement of the endogenous cannabinoid receptor agonist, anandamide, in brain and peripheral tissues of human and rat. <i>FEBS Letters</i> , 1996, 393, 231-235. | 1.3 | 295 |
| 13 | Neuroanatomy of Central Cardiovascular Control. Nucleus Tractus Solitarii: Afferent and Efferent Neuronal Connections in Relation to the Baroreceptor Reflex Arc. <i>Progress in Brain Research</i> , 1977, 47, 9-34. | 0.9 | 292 |
| 14 | 5-HT uptake sites and 5-HT ₂ receptors in brain of antidepressant-free suicide victims/depressives: increase in 5-HT ₂ sites in cortex and amygdala. <i>Brain Research</i> , 1993, 614, 37-44. | 1.1 | 292 |
| 15 | GABAA Receptor Promoter Hypermethylation in Suicide Brain: Implications for the Involvement of Epigenetic Processes. <i>Biological Psychiatry</i> , 2008, 64, 645-652. | 0.7 | 289 |
| 16 | Localisation of phenylethanolamine N-methyl transferase in the rat brain nuclei. <i>Nature</i> , 1974, 248, 695-696. | 13.7 | 285 |
| 17 | Distribution of mRNA encoding B78/apj, the rat homologue of the human APJ receptor, and its endogenous ligand apelin in brain and peripheral tissues. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1492, 72-80. | 2.4 | 275 |
| 18 | Biochemical mapping of noradrenergic nerves arising from the rat locus coeruleus. <i>Brain Research</i> , 1974, 77, 269-279. | 1.1 | 271 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | 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. <i>Molecular and Cellular Neurosciences</i> , 1998, 11, 36-46. | 1.0 | 268 |
| 20 | Genome-wide association and genetic functional studies identify <i>AUTS2</i> gene (<i>AUTS2</i>) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7119-7124. | 3.3 | 258 |
| 21 | Localization and Dynamic Regulation of Biogenic Amine Transporters in the Mammalian Central Nervous System. <i>Frontiers in Neuroendocrinology</i> , 1998, 19, 187-231. | 2.5 | 211 |
| 22 | Distribution of glutamate decarboxylase in discrete brain nuclei. <i>Brain Research</i> , 1976, 108, 371-379. | 1.1 | 207 |
| 23 | Downregulation of the CB ₁ Cannabinoid Receptor and Related Molecular Elements of the Endocannabinoid System in Epileptic Human Hippocampus. <i>Journal of Neuroscience</i> , 2008, 28, 2976-2990. | 1.7 | 207 |
| 24 | The LIM-homeobox gene <i>Lhx8</i> is required for the development of many cholinergic neurons in the mouse forebrain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9005-9010. | 3.3 | 204 |
| 25 | A dynorphinergic pathway of Leu-enkephalin production in rat substantia nigra. <i>Nature</i> , 1984, 307, 643-645. | 13.7 | 190 |
| 26 | Immunoreactive Corticotropin-Releasing Hormone in the Hypothalamoinfundibular Tract. <i>Neuroendocrinology</i> , 1983, 36, 415-423. | 1.2 | 186 |
| 27 | The Edinger-Westphal nucleus: A historical, structural, and functional perspective on a dichotomous terminology. <i>Journal of Comparative Neurology</i> , 2011, 519, 1413-1434. | 0.9 | 168 |
| 28 | Frequency of long allele in serotonin transporter gene is increased in depressed suicide victims. <i>Biological Psychiatry</i> , 1999, 46, 196-201. | 0.7 | 153 |
| 29 | Catecholamine content of individual brain regions of spontaneously hypertensive rats (SH-rats). <i>Brain Research</i> , 1976, 112, 429-434. | 1.1 | 150 |
| 30 | Innervation of the nucleus of the solitary tract and the dorsal vagal nucleus by thyrotropin-releasing hormone-containing raphe neurons. <i>Brain Research</i> , 1986, 373, 246-251. | 1.1 | 145 |
| 31 | Astrocytes convert network excitation to tonic inhibition of neurons. <i>BMC Biology</i> , 2012, 10, 26. | 1.7 | 142 |
| 32 | Effects of Various Stressors on In Vivo Norepinephrine Release in the Hypothalamic Paraventricular Nucleus and on the Pituitary-Adrenocortical Axis. <i>Annals of the New York Academy of Sciences</i> , 1995, 771, 115-130. | 1.8 | 141 |
| 33 | Interconnections between the Neuroendocrine Hypothalamus and the Central Autonomic System. <i>Frontiers in Neuroendocrinology</i> , 1999, 20, 270-295. | 2.5 | 140 |
| 34 | Effects of Antemortem and Postmortem Variables on Human Brain mRNA Quality: A BrainNet Europe Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 70-81. | 0.9 | 139 |
| 35 | Corticotropin-Releasing Hormone, Arginine Vasopressin, Gastrin-Releasing Peptide, and Neuromedin B Alterations in Stress-Relevant Brain Regions of Suicides and Control Subjects. <i>Biological Psychiatry</i> , 2006, 59, 594-602. | 0.7 | 137 |
| 36 | Pro-opiomelanocortin-derived peptides (ACTH/β-endorphin/α-MSH) in brainstem baroreceptor areas of the rat. <i>Brain Research</i> , 1987, 436, 323-338. | 1.1 | 133 |

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|----|---|-----|-----------|
| 37 | 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. <i>Brain Research</i> , 1989, 481, 8-15. | 1.1 | 126 |
| 38 | Common mechanisms in neurodegeneration and neuroinflammation: a BrainNet Europe gene expression microarray study. <i>Journal of Neural Transmission</i> , 2015, 122, 1055-1068. | 1.4 | 126 |
| 39 | Molecular neurobiology and pharmacology of the Vasopressin/Oxytocin receptor family. <i>Cellular and Molecular Neurobiology</i> , 1995, 15, 573-595. | 1.7 | 124 |
| 40 | Heterogeneous neurochemical responses to different stressors: a test of Selye's doctrine of nonspecificity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1247-R1255. | 0.9 | 119 |
| 41 | Hypothalamic paraventricular nucleus: A quantitative analysis of cytoarchitectonic subdivisions in the rat. <i>Journal of Comparative Neurology</i> , 1991, 313, 563-573. | 0.9 | 117 |
| 42 | Distribution of neuropeptides in the central nervous system: A review of biochemical mapping studies. <i>Progress in Neurobiology</i> , 1984, 23, 151-189. | 2.8 | 116 |
| 43 | Distribution of vasoactive intestinal polypeptide (VIP) in the rat brain stem nuclei. <i>Brain Research</i> , 1982, 231, 472-477. | 1.1 | 114 |
| 44 | Distribution of immunoreactive dynorphin in the central nervous system of the rat. <i>Brain Research</i> , 1983, 280, 81-93. | 1.1 | 110 |
| 45 | Noradrenergic activation in the paraventricular nucleus during acute and chronic immobilization stress in rats: an in vivo microdialysis study. <i>Brain Research</i> , 1992, 589, 91-96. | 1.1 | 110 |
| 46 | Selection of novel reference genes for use in the human central nervous system: a BrainNet Europe Study. <i>Acta Neuropathologica</i> , 2012, 124, 893-903. | 3.9 | 110 |
| 47 | G Protein-Coupled Receptor Heterodimerization in the Brain. <i>Methods in Enzymology</i> , 2013, 521, 281-294. | 0.4 | 110 |
| 48 | Distribution of cholecystokinin (CCK) in the hypothalamus and limbic system of the rat. <i>Neuropeptides</i> , 1981, 2, 123-129. | 0.9 | 109 |
| 49 | Cocaine- and Amphetamine-Related Transcript Is Involved in the Orexigenic Effect of Endogenous Anandamide. <i>Neuroendocrinology</i> , 2005, 81, 273-282. | 1.2 | 109 |
| 50 | Glutamate Uptake Triggers Transporter-Mediated GABA Release from Astrocytes. <i>PLoS ONE</i> , 2009, 4, e7153. | 1.1 | 109 |
| 51 | Immunohistochemical mapping of neuropeptides in the premamillary region of the hypothalamus in rats. <i>Brain Research Reviews</i> , 1995, 20, 209-249. | 9.1 | 101 |
| 52 | Management of a twenty-first century brain bank: experience in the BrainNet Europe consortium. <i>Acta Neuropathologica</i> , 2008, 115, 497-507. | 3.9 | 101 |
| 53 | Moonlighting Proteins and Protein-Protein Interactions as Neurotherapeutic Targets in the G Protein-Coupled Receptor Field. <i>Neuropsychopharmacology</i> , 2014, 39, 131-155. | 2.8 | 101 |
| 54 | Calcitonin gene-related peptide-containing pathways in the rat forebrain. <i>Journal of Comparative Neurology</i> , 2005, 489, 92-119. | 0.9 | 97 |

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|----|--|-----|-----------|
| 55 | High activity-related allele of MAO-A gene associated with depressed suicide in males. <i>NeuroReport</i> , 2002, 13, 1195-1198. | 0.6 | 96 |
| 56 | [23] Punch sampling biopsy technique. <i>Methods in Enzymology</i> , 1983, 103, 368-376. | 0.4 | 95 |
| 57 | Distribution of norepinephrine and dopamine in cerebral cortical areas of the rat. <i>Brain Research Bulletin</i> , 1979, 4, 593-601. | 1.4 | 93 |
| 58 | Effects of immobilization on in vivo release of norepinephrine in the bed nucleus of the stria terminalis in conscious rats. <i>Brain Research</i> , 1995, 688, 242-246. | 1.1 | 92 |
| 59 | Human NPY promoter variation rs16147:T>C as a moderator of prefrontal NPY gene expression and negative affect. <i>Human Mutation</i> , 2010, 31, E1594-E1608. | 1.1 | 90 |
| 60 | <i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21128-21133. | 3.3 | 90 |
| 61 | miR-7b, a microRNA up-regulated in the hypothalamus after chronic hyperosmolar stimulation, inhibits Fos translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15669-15674. | 3.3 | 89 |
| 62 | Neuropeptide and Small Transmitter Coexistence: Fundamental Studies and Relevance to Mental Illness. <i>Frontiers in Neural Circuits</i> , 2018, 12, 106. | 1.4 | 87 |
| 63 | Concentrations of pituitary adenylate cyclase activating polypeptide (PACAP) in human brain nuclei. <i>Brain Research</i> , 1995, 699, 116-120. | 1.1 | 86 |
| 64 | Protein kinase a in postmortem brain of depressed suicide victims: altered expression of specific regulatory and catalytic subunits. <i>Biological Psychiatry</i> , 2004, 55, 234-243. | 0.7 | 83 |
| 65 | Distribution of cholecystokinin (CCK) in the rat lower brain stem nuclei. <i>Brain Research</i> , 1982, 238, 260-265. | 1.1 | 81 |
| 66 | Distribution of angiotensin II type-2 receptor (AT2) mRNA expression in the adult rat brain. , 1996, 373, 322-339. | | 80 |
| 67 | A peculiar constellation of tau pathology defines a subset of dementia in the elderly. <i>Acta Neuropathologica</i> , 2011, 122, 205-222. | 3.9 | 80 |
| 68 | Pharmacological characterization of vanilloid receptor located in the brain. <i>Molecular Brain Research</i> , 2002, 98, 51-57. | 2.5 | 78 |
| 69 | Determination of Phosphorus-, Copper-, and Zinc-Containing Human Brain Proteins by LA-ICPMS and MALDI-FTICR-MS. <i>Analytical Chemistry</i> , 2005, 77, 5851-5860. | 3.2 | 78 |
| 70 | Nesfatin-1/NUCB2 may participate in the activation of the hypothalamic-pituitary-adrenal axis in rats. <i>Neurochemistry International</i> , 2010, 57, 189-197. | 1.9 | 78 |
| 71 | Novel tracing paradigms—genetically engineered herpesviruses as tools for mapping functional circuits within the CNS: present status and future prospects. <i>Progress in Neurobiology</i> , 2004, 72, 417-445. | 2.8 | 77 |
| 72 | Specific binding of [3H]resiniferatoxin by human and rat preoptic area, locus ceruleus, medial hypothalamus, reticular formation and ventral thalamus membrane preparations. <i>Life Sciences</i> , 1996, 59, 1899-1908. | 2.0 | 76 |

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|----|--|-----|-----------|
| 73 | Stress-induced expression of co-localized neuropeptides in hypothalamic and amygdaloid neurons. <i>European Journal of Pharmacology</i> , 2000, 405, 161-166. | 1.7 | 75 |
| 74 | A secretagogen locus of the mammalian hypothalamus controls stress hormone release. <i>EMBO Journal</i> , 2015, 34, 36-54. | 3.5 | 75 |
| 75 | Distribution of immunoreactive met-enkephalin-Arg6-Gly7-Leu8 and leu-enkephalin in discrete regions of the rat brain. <i>Brain Research</i> , 1985, 326, 1-8. | 1.1 | 74 |
| 76 | The Regional Distribution of γ -Acetylaspartylglutamate (NAAG) and Peptidase Activity Against NAAG in the Rat Nervous System. <i>Journal of Neurochemistry</i> , 1994, 62, 275-281. | 2.1 | 74 |
| 77 | Brain enkephalin distribution is unaltered by hypophysectomy. <i>Life Sciences</i> , 1978, 22, 527-530. | 2.0 | 72 |
| 78 | Effect of novel stressors on gene expression of tyrosine hydroxylase and monoamine transporters in brainstem noradrenergic neurons of long-term repeatedly immobilized rats. <i>Brain Research</i> , 2001, 899, 20-35. | 1.1 | 72 |
| 79 | Regional Distribution and Relative Abundance of Serotonin _{2c} Receptors in Human Brain: Effect of Suicide. <i>Neurochemical Research</i> , 2006, 31, 167-176. | 1.6 | 72 |
| 80 | Changes in the Vasopressin Content of Discrete Brain Regions in Response to Stimuli for Vasopressin Secretion. <i>Neuroendocrinology</i> , 1984, 38, 285-289. | 1.2 | 70 |
| 81 | Increased adrenaline content of individual nuclei of the hypothalamus and the medulla oblongata of genetically hypertensive rats. <i>Brain Research</i> , 1977, 135, 180-185. | 1.1 | 69 |
| 82 | Reduced [³ H]flunitrazepam binding in cingulate cortex and hippocampus of postmortem schizophrenic brains: Is selective loss of glutamatergic neurons associated with major psychoses?. <i>Neurochemical Research</i> , 1993, 18, 219-223. | 1.6 | 69 |
| 83 | Anatomical and physiological evidence for involvement of tuberoinfundibular peptide of 39 residues in nociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1651-1656. | 3.3 | 69 |
| 84 | 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. <i>Neuropharmacology</i> , 2012, 62, 297-303. | 2.0 | 68 |
| 85 | Biogenic amines and related enzymes in the circumventricular organs of the rat. <i>Brain Research</i> , 1976, 107, 412-417. | 1.1 | 66 |
| 86 | Anxiolytic 2,3-benzodiazepines, their specific binding to the basal ganglia. <i>Progress in Neurobiology</i> , 2000, 60, 309-342. | 2.8 | 66 |
| 87 | Altered miRNA expression network in locus coeruleus of depressed suicide subjects. <i>Scientific Reports</i> , 2017, 7, 4387. | 1.6 | 64 |
| 88 | Topography of the Somatostatin-Immunoreactive Fibers to the Stalk-Median Eminence of the Rat. <i>Neuroendocrinology</i> , 1983, 37, 1-8. | 1.2 | 63 |
| 89 | Thyrotropin releasing hormone in the median eminence is in processes of paraventricular nucleus neurons. <i>Neuropeptides</i> , 1982, 2, 197-201. | 0.9 | 62 |
| 90 | Stress-Induced Norepinephrine Release in the Paraventricular Nucleus of Rats with Brainstem Hemisections: A Microdialysis Study. <i>Neuroendocrinology</i> , 1993, 58, 196-201. | 1.2 | 62 |

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|-----|---|-----|-----------|
| 91 | Fine Topography of Brain Areas Activated by Cold Stress. <i>Neuroendocrinology</i> , 2000, 72, 102-113. | 1.2 | 61 |
| 92 | Spatial and temporal activation of brain regions in hibernation: Fos expression during the hibernation bout in thirteen-lined ground squirrel. <i>Journal of Comparative Neurology</i> , 2007, 505, 443-458. | 0.9 | 61 |
| 93 | Altered Functional Protein Networks in the Prefrontal Cortex and Amygdala of Victims of Suicide. <i>PLoS ONE</i> , 2012, 7, e50532. | 1.1 | 59 |
| 94 | Serotonergic Genes and Suicidality. <i>Crisis</i> , 2001, 22, 54-60. | 0.9 | 59 |
| 95 | Changes in hypothalamic, limbic and extrapyramidal somatostatin levels following various hypothalamic transections in rat. <i>Brain Research</i> , 1980, 195, 499-505. | 1.1 | 58 |
| 96 | Oxytocin Nerve Fibers Innervate δ -Endorphin Neurons in the Arcuate Nucleus of the Rat Hypothalamus. <i>Neuroendocrinology</i> , 1992, 56, 429-435. | 1.2 | 58 |
| 97 | Expression and distribution of tuberoinfundibular peptide of 39 residues in the rat central nervous system. <i>Journal of Comparative Neurology</i> , 2003, 455, 547-566. | 0.9 | 58 |
| 98 | Distinct features of neurotransmitter systems in the human brain with focus on the galanin system in locus coeruleus and dorsal raphe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E536-45. | 3.3 | 58 |
| 99 | Decussations of the descending paraventricular pathways to the brainstem and spinal cord autonomic centers. <i>Journal of Comparative Neurology</i> , 1999, 414, 255-266. | 0.9 | 57 |
| 100 | Region-specific alterations in glucocorticoid receptor expression in the postmortem brain of teenage suicide victims. <i>Psychoneuroendocrinology</i> , 2013, 38, 2628-2639. | 1.3 | 57 |
| 101 | Hypertension after localized transection of brainstem fibres. <i>Life Sciences</i> , 1976, 18, 61-64. | 2.0 | 56 |
| 102 | Distribution of neuroactive substances in the dorsal vagal complex of the medulla oblongata. <i>Neurochemistry International</i> , 1985, 7, 213-219. | 1.9 | 56 |
| 103 | The TIP39-PTH2 receptor system: Unique peptidergic cell groups in the brainstem and their interactions with central regulatory mechanisms. <i>Progress in Neurobiology</i> , 2010, 90, 29-59. | 2.8 | 56 |
| 104 | High-Coverage Whole-Exome Sequencing Identifies Candidate Genes for Suicide in Victims with Major Depressive Disorder. <i>Scientific Reports</i> , 2017, 7, 7106. | 1.6 | 56 |
| 105 | Elevated adrenaline content in nuclei of the medulla oblongata and the hypothalamus during the development of spontaneous hypertension. <i>Brain Research</i> , 1978, 157, 191-195. | 1.1 | 55 |
| 106 | A role of the LIM-homeobox gene Lhx2 in the regulation of pituitary development. <i>Developmental Biology</i> , 2010, 337, 313-323. | 0.9 | 55 |
| 107 | Regional distribution of substance P-like immunoreactivity in the lower brainstem of the rat. <i>Brain Research</i> , 1982, 245, 376-378. | 1.1 | 54 |
| 108 | Nigrostriatal innervation is preserved in Nurr1-null mice, although dopaminergic neuron precursors are arrested from terminal differentiation. <i>Molecular Brain Research</i> , 2000, 84, 67-78. | 2.5 | 54 |

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|-----|---|------|-----------|
| 109 | Neuropeptides in the hypothalamo-hypophyseal system: Lateral retrochiasmatic area as a common gate for neuronal fibers towards the median eminence. <i>Peptides</i> , 1984, 5, 35-39. | 1.2 | 53 |
| 110 | Tuberoinfundibular Peptide of 39 Residues Is Activated during Lactation and Participates in the Suckling-Induced Prolactin Release in Rat. <i>Endocrinology</i> , 2010, 151, 5830-5840. | 1.4 | 53 |
| 111 | SELECTIVE ALTERATIONS OF CATECHOLAMINES AND TYROSINE HYDROXYLASE ACTIVITY IN THE HYPOTHALAMUS FOLLOWING ACUTE AND CHRONIC STRESS. , 1976, , 29-38. | | 53 |
| 112 | Distribution of immunoreactive dynorphin B in discrete areas of the rat brain and spinal cord. <i>Brain Research</i> , 1984, 300, 121-127. | 1.1 | 52 |
| 113 | Interactions between orexin-immunoreactive fibers and adrenaline or noradrenaline-expressing neurons of the lower brainstem in rats and mice. <i>Peptides</i> , 2010, 31, 1589-1597. | 1.2 | 52 |
| 114 | Single-nuclei isoform RNA sequencing unlocks barcoded exon connectivity in frozen brain tissue. <i>Nature Biotechnology</i> , 2022, 40, 1082-1092. | 9.4 | 52 |
| 115 | Differential expression of the bone and the liver tissue non-specific alkaline phosphatase isoforms in brain tissues. <i>Cell and Tissue Research</i> , 2011, 343, 521-536. | 1.5 | 51 |
| 116 | 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. <i>Neuroscience</i> , 2009, 162, 128-147. | 1.1 | 50 |
| 117 | Nesfatin-1/NUCB2 as a Potential New Element of Sleep Regulation in Rats. <i>PLoS ONE</i> , 2013, 8, e59809. | 1.1 | 50 |
| 118 | Gender and brain regions specific differences in brain derived neurotrophic factor protein levels of depressed individuals who died through suicide. <i>Neuroscience Letters</i> , 2015, 600, 12-16. | 1.0 | 50 |
| 119 | Neurons containing tuberoinfundibular peptide of 39 residues project to limbic, endocrine, auditory and spinal areas in rat. <i>Neuroscience</i> , 2003, 122, 1093-1105. | 1.1 | 49 |
| 120 | Thalamic neuropeptide mediating the effects of nursing on lactation and maternal motivation. <i>Psychoneuroendocrinology</i> , 2013, 38, 3070-3084. | 1.3 | 48 |
| 121 | The Course of Thyrotropin-Releasing Hormone Fibers to the Median Eminence in Rats. <i>Endocrinology</i> , 1982, 110, 1526-1528. | 1.4 | 47 |
| 122 | Neural Regulation of Corticotropin Releasing Hormone (CRH) and CRH Receptor mRNA in the Hypothalamic Paraventricular Nucleus in the Rat. <i>Journal of Neuroendocrinology</i> , 1996, 8, 103-112. | 1.2 | 47 |
| 123 | Ontogeny of angiotensin II type 2 receptor mRNA expression in fetal and neonatal rat brain. <i>Journal of Comparative Neurology</i> , 1999, 407, 193-206. | 0.9 | 46 |
| 124 | Lacrimal preganglionic neurons form a subdivision of the superior salivatory nucleus of rat: transneuronal labelling by pseudorabies virus. <i>Journal of the Autonomic Nervous System</i> , 1999, 77, 45-54. | 1.9 | 46 |
| 125 | Neuropeptide Y activates urocortin 1 neurons in the nonpreganglionic Edinger-Westphal nucleus. <i>Journal of Comparative Neurology</i> , 2007, 500, 708-719. | 0.9 | 45 |
| 126 | Differential and Brain Region-Specific Regulation of Rap-1 and Epac in Depressed Suicide Victims. <i>Archives of General Psychiatry</i> , 2006, 63, 639. | 13.8 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Distribution of vasoactive intestinal polypeptide in intact, stria terminalis transected and cerebral cortex isolated rats. <i>Brain Research</i> , 1981, 213, 455-459. | 1.1 | 43 |
| 128 | Neuropeptides in the median eminence: Their sources and destinations. <i>Peptides</i> , 1982, 3, 299-303. | 1.2 | 43 |
| 129 | Chapter 5 Organization of the stress response at the anatomical level. <i>Progress in Brain Research</i> , 1987, 72, 47-55. | 0.9 | 43 |
| 130 | New Members of the Parathyroid Hormone/Parathyroid Hormone Receptor Family: The Parathyroid Hormone 2 Receptor and Tuberoinfundibular Peptide of 39 Residues. <i>Frontiers in Neuroendocrinology</i> , 2000, 21, 349-383. | 2.5 | 43 |
| 131 | The Neuroendocrine Functions of the Parathyroid Hormone 2 Receptor. <i>Frontiers in Endocrinology</i> , 2012, 3, 121. | 1.5 | 43 |
| 132 | Alterations in the neuropeptide galanin system in major depressive disorder involve levels of transcripts, methylation, and peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8472-E8481. | 3.3 | 43 |
| 133 | Altered organization of GABAA receptor mRNA expression in the depressed suicide brain. <i>Frontiers in Molecular Neuroscience</i> , 2010, 3, 3. | 1.4 | 42 |
| 134 | A Novel Pathway Regulates Thyroid Hormone Availability in Rat and Human Hypothalamic Neurosecretory Neurons. <i>PLoS ONE</i> , 2012, 7, e37860. | 1.1 | 42 |
| 135 | Chronic Hypercortisolemia Inhibits Dopamine Synthesis and Turnover in the Nucleus accumbens: An in vivo Microdialysis Study. <i>Neuroendocrinology</i> , 2002, 76, 148-157. | 1.2 | 41 |
| 136 | Distribution of nociceptin/orphanin FQ in adult human brain. <i>Brain Research</i> , 2004, 997, 24-29. | 1.1 | 41 |
| 137 | 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. <i>Life Sciences</i> , 1994, 55, 1017-1026. | 2.0 | 40 |
| 138 | An immunohistochemical study of lymphatic elements in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 40 |
| 139 | Calpain activity in adult and aged human brain regions. <i>Neurochemical Research</i> , 1994, 19, 563-567. | 1.6 | 39 |
| 140 | Neuropeptide messenger plasticity in the CNS neurons following axotomy. <i>Molecular Neurobiology</i> , 1995, 10, 91-103. | 1.9 | 39 |
| 141 | Area, Age and Gender Dependence of the Nucleoside System in the Brain: a Review of Current Literature. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 1012-1033. | 1.0 | 39 |
| 142 | Activation-Dependent Subcellular Distribution Patterns of CB1 Cannabinoid Receptors in the Rat Forebrain. <i>Cerebral Cortex</i> , 2013, 23, 2581-2591. | 1.6 | 39 |
| 143 | Molecular Pathway Reconstruction and Analysis of Disturbed Gene Expression in Depressed Individuals Who Died by Suicide. <i>PLoS ONE</i> , 2012, 7, e47581. | 1.1 | 38 |
| 144 | Receptor-Receptor Interactions in Multiple 5-HT1A Heteroreceptor Complexes in Raphe-Hippocampal 5-HT Transmission and Their Relevance for Depression and Its Treatment. <i>Molecules</i> , 2018, 23, 1341. | 1.7 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Emerging functions for tuberoinfundibular peptide of 39 residues. Trends in Endocrinology and Metabolism, 2003, 14, 14-19. | 3.1 | 37 |
| 146 | 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, 239-245. | 1.2 | 37 |
| 147 | Selective Up-Regulation of Neuropeptide Synthesis by Blocking the Neuronal Activity: Galanin Expression in Septohippocampal Neurons. Experimental Neurology, 1994, 126, 247-255. | 2.0 | 36 |
| 148 | Neuronal Organization of Stress Response.. Annals of the New York Academy of Sciences, 1995, 771, 313-326. | 1.8 | 36 |
| 149 | [125]SD-7015 reveals fine modalities of CB1 cannabinoid receptor density in the prefrontal cortex during progression of Alzheimer's disease. Neurochemistry International, 2012, 60, 286-291. | 1.9 | 36 |
| 150 | Critical role of somatostatin receptor 2 in the vulnerability of the central noradrenergic system: new aspects on Alzheimer's disease. Acta Neuropathologica, 2015, 129, 541-563. | 3.9 | 36 |
| 151 | A Thalamo-Hypothalamic Pathway That Activates Oxytocin Neurons in Social Contexts in Female Rats. Endocrinology, 2017, 158, 335-348. | 1.4 | 36 |
| 152 | lkaros is expressed in developing striatal neurons and involved in enkephalinergic differentiation. Journal of Neurochemistry, 2007, 102, 1805-1816. | 2.1 | 35 |
| 153 | Glucagon-like peptide-1 of brainstem origin activates dorsomedial hypothalamic neurons in satiated rats. Peptides, 2012, 35, 14-22. | 1.2 | 35 |
| 154 | On the origin of dynorphin A and \pm -neo-endorphin in the substantia nigra. Neuropeptides, 1984, 4, 193-199. | 0.9 | 34 |
| 155 | Distribution of mRNA and binding sites of adrenoceptors and muscarinic receptors in the rat heart. Life Sciences, 2006, 79, 112-120. | 2.0 | 34 |
| 156 | Afferent connections of the subparafascicular area in rat. Neuroscience, 2006, 138, 197-220. | 1.1 | 34 |
| 157 | Tryptophan hydroxylase gene 218A/C polymorphism is not associated with depressed suicide. International Journal of Neuropsychopharmacology, 2000, 3, 215-220. | 1.0 | 33 |
| 158 | Construction of recombinant pseudorabies viruses optimized for labeling and neurochemical characterization of neural circuitry. Molecular Brain Research, 2002, 109, 105-118. | 2.5 | 33 |
| 159 | Hypothalamic $\langle scp \rangle$ CNTF $\langle /scp \rangle$ volume transmission shapes cortical noradrenergic excitability upon acute stress. EMBO Journal, 2018, 37, . | 3.5 | 33 |
| 160 | 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, 179-188. | 1.9 | 31 |
| 161 | Anatomy of Neural Pathways Affecting CRH Secretion. Annals of the New York Academy of Sciences, 1987, 512, 139-148. | 1.8 | 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. | 0.9 | 31 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Brainstem Hemisection Decreases Corticotropin-Releasing Hormone mRNA in the Paraventricular Nucleus but not in the Central Amygdaloid Nucleus. <i>Journal of Neuroendocrinology</i> , 1996, 8, 543-551. | 1.2 | 31 |
| 164 | Dynamic modulation of FGFR1 β -5-HT _{1A} heteroreceptor complexes. Agonist treatment enhances participation of FGFR1 and 5-HT _{1A} homodimers and recruitment of β -arrestin2. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 387-392. | 1.0 | 31 |
| 165 | Acute audiogenic stress-induced activation of CRH neurons in the hypothalamic paraventricular nucleus and catecholaminergic neurons in the medulla oblongata. <i>Brain Research</i> , 2003, 975, 1-9. | 1.1 | 29 |
| 166 | Unconventional translation initiation of human trypsinogen α 4 at a CUG codon with an N-terminal leucine. <i>FEBS Journal</i> , 2007, 274, 1610-1620. | 2.2 | 29 |
| 167 | Activation of neurons in the hypothalamic dorsomedial nucleus via hypothalamic projections of the nucleus of the solitary tract following refeeding of fasted rats. <i>European Journal of Neuroscience</i> , 2010, 31, 302-314. | 1.2 | 29 |
| 168 | Brainstem projections of neurons located in various subdivisions of the dorsolateral hypothalamic area α 1: an anterograde tract-tracing study. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 34. | 0.9 | 29 |
| 169 | Synaptic Interconnections among Growth Hormone-Releasing Hormone (GHRH)-Containing Neurons in the Arcuate Nucleus of the Rat Hypothalamus. <i>Neuroendocrinology</i> , 1988, 48, 471-476. | 1.2 | 28 |
| 170 | [³ H]Resiniferatoxin binding by the human vanilloid (capsaicin) receptor. <i>Molecular Brain Research</i> , 1994, 23, 185-190. | 2.5 | 28 |
| 171 | The medial paralemniscal nucleus and its afferent neuronal connections in rat. <i>Journal of Comparative Neurology</i> , 2008, 511, 221-237. | 0.9 | 28 |
| 172 | Acute and Chronic Hypertension after Lesions and Transections of the Rat Brain Stem. <i>Progress in Brain Research</i> , 1977, 47, 189-197. | 0.9 | 27 |
| 173 | Stressor-Specific Activation of Catecholaminergic Systems: Implications for Stress-Related Hypothalamic-Pituitary-Adrenocortical Responses. <i>Advances in Pharmacology</i> , 1997, 42, 561-564. | 1.2 | 27 |
| 174 | β -Adrenoceptor-mediated restraint of norepinephrine synthesis, release, and turnover during immobilization in rats. <i>Brain Research</i> , 1999, 826, 243-252. | 1.1 | 27 |
| 175 | Distribution of prostaglandins E and F in different regions of the rat brain. <i>Brain Research Bulletin</i> , 1978, 3, 293-297. | 1.4 | 26 |
| 176 | Effect of Various Lesions in the Nucleus Tractus Solitarii of the Rat on Blood Pressure, Heart Rate and Cardiovascular Reflex Responses. <i>Clinical and Experimental Hypertension</i> , 1978, 1, 355-379. | 1.2 | 26 |
| 177 | Immunoreactive dynorphin and β -neo-endorphin in rat hypothalamo-neurohypophyseal system. <i>Brain Research</i> , 1983, 278, 258-261. | 1.1 | 26 |
| 178 | Localization and Chemical Characterization of the Audiogenic Stress Pathway. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 16-24. | 1.8 | 26 |
| 179 | Serotonin-Synthesizing Neurons in the Rostral Medullary Raph α /Parapyramidal Region Transneurally Labeled After Injection of Pseudorabies Virus into the Rat Tail. <i>Neurochemical Research</i> , 2006, 31, 277-286. | 1.6 | 26 |
| 180 | Human brain aminopeptidase A: biochemical properties and distribution in brain nuclei. <i>Journal of Neurochemistry</i> , 2008, 106, 416-428. | 2.1 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Behaviour and hormonal status in healthy rats on a diet rich in Maillard reaction products with or without solvent extractable aroma compounds. <i>Physiology and Behavior</i> , 2012, 105, 693-701. | 1.0 | 26 |
| 182 | Opioid-Mediated Cardiovascular Effects of Clonidine in Spontaneously Hypertensive Rats: Elimination by Neonatal Treatment with Monosodium Glutamate*. <i>Endocrinology</i> , 1986, 118, 1814-1822. | 1.4 | 25 |
| 183 | Neuropeptides in the human dorsal vagal complex: An immunohistochemical study. <i>Journal of Chemical Neuroanatomy</i> , 1994, 7, 141-157. | 1.0 | 25 |
| 184 | Molecular Studies Define the Primary Structure of Î±1-Antichymotrypsin (ACT) Protease Inhibitor in Alzheimer's Disease Brains. <i>Journal of Biological Chemistry</i> , 1999, 274, 1821-1827. | 1.6 | 25 |
| 185 | Intracochlear injection of pseudorabies virus labels descending auditory and monoaminergic projections to olivocochlear cells in guinea pig. <i>European Journal of Neuroscience</i> , 2003, 18, 1439-1447. | 1.2 | 25 |
| 186 | Regional Distribution of Human Trypsinogen 4 in Human Brain at mRNA and Protein Level. <i>Neurochemical Research</i> , 2007, 32, 1423-1433. | 1.6 | 25 |
| 187 | Quantitative light and electron microscopic studies on the lateral hypothalamus in rat. Cell and synaptic densities. <i>Brain Research Bulletin</i> , 1980, 5, 643-647. | 1.4 | 24 |
| 188 | Chronic repeated restraint stress increases prolactinâ€releasing peptide/tyrosineâ€hydroxylase ratio with genderâ€related differences in the rat brain. <i>Journal of Neurochemistry</i> , 2008, 104, 653-666. | 2.1 | 24 |
| 189 | MicroRNA-326 acts as a molecular switch in the regulation of midbrain urocortin 1 expression. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 342-353. | 1.4 | 24 |
| 190 | Ontogeny of angiotensin II type 1 receptor mRNAs in fetal and neonatal rat brain. <i>Journal of Comparative Neurology</i> , 2001, 440, 192-203. | 0.9 | 23 |
| 191 | Localization and Regulation of Phenylethanolamine N-Methyltransferase Gene Expression in the Heart of Rats and Mice during Stress. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 405-417. | 1.8 | 23 |
| 192 | AUF1 Is Expressed in the Developing Brain, Binds to AT-rich Double-stranded DNA, and Regulates Enkephalin Gene Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 28889-28900. | 1.6 | 23 |
| 193 | Catechol-O-methyltransferase Val158Met polymorphism and altered COMT gene expression in the prefrontal cortex of suicide brains. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 178-183. | 2.5 | 23 |
| 194 | Light and electron microscopic studies on the medial forebrain bundle in rat: III. Degenerated nerve elements in the medial hypothalamic nuclei following surgical transections of the medial forebrain bundle. <i>Brain Research Bulletin</i> , 1980, 5, 13-22. | 1.4 | 21 |
| 195 | The Effects of Short-Term Immobilization Stress on Muscarinic Receptors, Î²-Adrenoceptors, and Adenylyl Cyclase in Different Heart Regions. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 315-322. | 1.8 | 21 |
| 196 | SARS-CoV-2 entry sites are present in all structural elements of the human glossopharyngeal and vagal nerves: Clinical implications. <i>EBioMedicine</i> , 2022, 78, 103981. | 2.7 | 21 |
| 197 | Effect of the Subcommissural Organ and the Pineal Body on the Adrenal Cortex. <i>Endocrinology</i> , 1963, 72, 28-32. | 1.4 | 20 |
| 198 | Expression of latent transforming growth factor beta binding proteins in the rat brain. <i>Journal of Comparative Neurology</i> , 2008, 507, 1393-1408. | 0.9 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Decrease in REM latency and changes in sleep quality parallel serotonergic damage and recovery after MDMA: a longitudinal study over 180 days. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 795-809. | 1.0 | 20 |
| 200 | Calcium signals in the nucleus accumbens: Activation of astrocytes by ATP and succinate. <i>BMC Neuroscience</i> , 2011, 12, 96. | 0.8 | 20 |
| 201 | Effects of Estrogen on Beta-Amyloid-Induced Cholinergic Cell Death in the Nucleus Basalis Magnocellularis. <i>Neuroendocrinology</i> , 2011, 93, 90-105. | 1.2 | 20 |
| 202 | The decrease of dopamine D2/D3 receptor densities in the putamen and nucleus caudatus goes parallel with maintained levels of CB1 cannabinoid receptors in Parkinson's disease: A preliminary autoradiographic study with the selective dopamine D2/D3 antagonist [3H]raclopride and the novel CB1 inverse agonist [125I]SD7015. <i>Brain Research Bulletin</i> , 2012, 87, 504-510. | 1.4 | 20 |
| 203 | Disturbances in the FGFR1-5-HT1A Heteroreceptor Complexes in the Raphe-Hippocampal 5-HT System Develop in a Genetic Rat Model of Depression. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 309. | 1.8 | 20 |
| 204 | Post mortem degradation of nucleosides in the brain: Comparison of human and rat brains for estimation of in vivo concentration of nucleosides. <i>Journal of Neuroscience Methods</i> , 2005, 148, 88-93. | 1.3 | 19 |
| 205 | Forebrain projections of tuberoinfundibular peptide of 39 residues (TIP39)-containing subparafascicular neurons. <i>Neuroscience</i> , 2006, 138, 1245-1263. | 1.1 | 19 |
| 206 | The nature of early astroglial protection – Fast activation and signaling. <i>Progress in Neurobiology</i> , 2017, 153, 86-99. | 2.8 | 19 |
| 207 | Sample and probe: a novel approach for identifying development-specific cis-elements of the enkephalin gene. <i>Molecular Brain Research</i> , 1997, 52, 98-111. | 2.5 | 18 |
| 208 | Mechanisms of pain-induced local cerebral blood flow changes in the rat sensory cortex and thalamus. <i>Brain Research</i> , 2003, 960, 219-227. | 1.1 | 18 |
| 209 | Highly activated c-fos expression in specific brain regions (ependyma, circumventricular organs,) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Neuropharmacology</i> , 2007, 53, 101-112. | 2.0 | 18 |
| 210 | Hypothalamic regulation of food intake. <i>Ideggyogyaszati Szemle</i> , 2003, 56, 288-302. | 0.4 | 18 |
| 211 | Distinct temperature-dependent dopamine-releasing effect of drugs of abuse in the olfactory bulb. <i>Neurochemistry International</i> , 2004, 45, 63-71. | 1.9 | 17 |
| 212 | Exclusive neuronal expression of SUCLA2 in the human brain. <i>Brain Structure and Function</i> , 2015, 220, 135-151. | 1.2 | 17 |
| 213 | Descending substance P-containing pathway: a component of the ansa lenticularis. <i>Brain Research</i> , 1978, 156, 124-128. | 1.1 | 16 |
| 214 | Identification of endogenous peroxidase-containing cells as eosinophils in the gastrointestinal system. <i>Histochemistry and Cell Biology</i> , 1996, 106, 447-456. | 0.8 | 16 |
| 215 | Central inhibition of AT1receptors by eprosartan – in vitro autoradiography in the brain. <i>Pharmacological Research</i> , 2001, 43, 251-255. | 3.1 | 16 |
| 216 | Concentration of Nucleosides and Related Compounds in Cerebral and Cerebellar Cortical Areas and White Matter of the Human Brain. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 831-842. | 1.7 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 217 | Neuronal Activation in the Central Nervous System of Rats in the Initial Stage of Chronic Kidney Disease-Modulatory Effects of Losartan and Moxonidine. <i>PLoS ONE</i> , 2013, 8, e66543. | 1.1 | 16 |
| 218 | A novel specific binding site for homophthalazines in the rat brain. <i>European Journal of Pharmacology</i> , 1993, 236, 151-153. | 1.7 | 15 |
| 219 | Attenuated pseudorabies virus-evoked rapid innate immune response in the rat brain. <i>Journal of Neuroimmunology</i> , 2006, 180, 88-103. | 1.1 | 15 |
| 220 | The Spontaneously Hypertensive Rat: Catecholamine Levels in Individual Brain Regions. <i>Progress in Brain Research</i> , 1977, 47, 111-116. | 0.9 | 14 |
| 221 | Regional distribution of glutamate and aspartate in adult and old human brain. <i>Brain Research</i> , 1992, 594, 343-346. | 1.1 | 14 |
| 222 | Autoradiographic localization and quantitative determination of specific binding sites of anxiolytic homophthalazines (formerly called 2,3-benzodiazepines) in the striato-pallido-nigral system of rats. <i>Molecular Brain Research</i> , 1994, 22, 211-218. | 2.5 | 14 |
| 223 | Chapter 21 The central vasopressinergic system in experimental left ventricular hypertrophy and dysfunction. <i>Progress in Brain Research</i> , 2002, 139, 275-279. | 0.9 | 14 |
| 224 | Distributions of periventricular projections of the paraventricular nucleus to the median eminence and arcuate nucleus. <i>Brain Research</i> , 1998, 802, 294-297. | 1.1 | 13 |
| 225 | Chronic effects of ACE-inhibition (quinapril) and angiotensin-II type-1 receptor blockade (losartan) on atrial natriuretic peptide in brain nuclei of rats with experimental myocardial infarction. <i>Basic Research in Cardiology</i> , 2001, 96, 258-266. | 2.5 | 13 |
| 226 | Metabolic GHB precursor succinate binds to γ -hydroxybutyrate receptors: Characterization of human basal ganglia areas nucleus accumbens and globus pallidus. <i>Journal of Neuroscience Research</i> , 2006, 84, 27-36. | 1.3 | 13 |
| 227 | Stress-induced Changes in Tyrosine Hydroxylase Gene Expression in Rat Hypothalamic Paraventricular, Periventricular, and Dorsomedial Nuclei. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 74-85. | 1.8 | 13 |
| 228 | Location of parotid preganglionic neurons in the inferior salivatory nucleus and their relation to the superior salivatory nucleus of rat. <i>Neuroscience Letters</i> , 2008, 440, 265-269. | 1.0 | 13 |
| 229 | Collateral sprouting of somatostatin-immunoreactive axons after partial deafferentation of the central nucleus of the rat amygdala. <i>Brain Research</i> , 1989, 492, 325-336. | 1.1 | 12 |
| 230 | Atrial Natriuretic Factor Content of Brain Nuclei in Deoxycorticosterone Acetate-Salt Hypertension in the Rat. <i>Clinical Science</i> , 1989, 77, 529-534. | 1.8 | 12 |
| 231 | Time dependent changes in CRF and its mRNA in the neurons of the inferior olive following surgical transection of the olivocerebellar tract in the rat. <i>Molecular Brain Research</i> , 1991, 10, 55-59. | 2.5 | 12 |
| 232 | Alteration of protease levels in different brain areas of suicide victims. <i>Neurochemical Research</i> , 1998, 23, 953-959. | 1.6 | 12 |
| 233 | γ -Hydroxybutyrate binds to the synaptic site recognizing succinate monocarboxylate: A new hypothesis on astrocyte-neuron interaction via the protonation of succinate. <i>Journal of Neuroscience Research</i> , 2008, 86, 1566-1576. | 1.3 | 12 |
| 234 | Acoustic stress activates tuberoinfundibular peptide of 39 residues neurons in the rat brain. <i>Brain Structure and Function</i> , 2009, 214, 15-23. | 1.2 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 235 | Acute escitalopram treatment inhibits REM sleep rebound and activation of MCH-expressing neurons in the lateral hypothalamus after long term selective REM sleep deprivation. <i>Psychopharmacology</i> , 2013, 228, 439-449. | 1.5 | 12 |
| 236 | Molecular Plasticity of the Nucleus Accumbens Revisited – Astrocytic Waves Shall Rise. <i>Molecular Neurobiology</i> , 2019, 56, 7950-7965. | 1.9 | 12 |
| 237 | Locus Coeruleus. <i>Advances in Cellular Neurobiology</i> , 1983, 4, 81-103. | 1.0 | 11 |
| 238 | Neuropeptide Y-containing neuronal pathway from the spinal trigeminal nucleus to the pontine peribrachial region in the rat. <i>Neuroscience Letters</i> , 1991, 133, 195-198. | 1.0 | 11 |
| 239 | Neurotensin receptors in the human amygdaloid complex. Topographical and quantitative autoradiographic study. <i>Journal of Chemical Neuroanatomy</i> , 1996, 11, 209-217. | 1.0 | 11 |
| 240 | Anxiolytic homophthalazines increase Fos-like immunoreactivity in selected brain areas of the rat. <i>European Journal of Pharmacology</i> , 1997, 331, 53-63. | 1.7 | 11 |
| 241 | Effects of glutamate-induced excitotoxicity on calretinin-expressing neuron populations in the area postrema of the rat. <i>Cell and Tissue Research</i> , 1998, 293, 227-233. | 1.5 | 11 |
| 242 | Septamer Element-Binding Proteins in Neuronal and Glial Differentiation. <i>Journal of Neuroscience</i> , 2000, 20, 1073-1084. | 1.7 | 11 |
| 243 | Sensitive and specific method for detecting G protein-coupled receptor mRNAs. <i>Nature Methods</i> , 2007, 4, 35-37. | 9.0 | 11 |
| 244 | Paralemniscal TIP39 is induced in rat dams and may participate in maternal functions. <i>Brain Structure and Function</i> , 2012, 217, 323-335. | 1.2 | 11 |
| 245 | The Response of Plasma Catecholamines in Rats Simultaneously Exposed to Immobilization and Painful Stimuli. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 196-200. | 1.8 | 10 |
| 246 | Tuberoinfundibular Peptide of 39 Residues- Immunoreactive Fibers in the Zona Incerta and the Supraoptic Decussations Terminate in the Neuroendocrine Hypothalamus. <i>Neurochemical Research</i> , 2010, 35, 2078-2085. | 1.6 | 10 |
| 247 | Mechanisms of Acute Uremic Encephalopathy: Early Activation of Fos and Fra-2 Gene Products in Different Nuclei/Areas of the Rat Brain. , 2010, 20, S44-S50. | | 10 |
| 248 | Effect of Sodium and Potassium Restriction on the Functional Morphology of the Subcommissural Organ. <i>Nature</i> , 1964, 202, 905-906. | 13.7 | 9 |
| 249 | Changes of glutamic acid decarboxylase activity after dexamethasone in selected areas of the rat brain. <i>Neuroscience Letters</i> , 1980, 19, 97-101. | 1.0 | 9 |
| 250 | Meningeal relations of the rat hypothalamo-hypophyseal system. Extravascular fluid spaces in and around the median eminence. <i>Brain Research</i> , 1982, 250, 21-30. | 1.1 | 9 |
| 251 | Atrial Natriuretic Peptide in Brain Preoptic Areas: Implications for Fluid and Salt Homeostasis. <i>Journal of Cardiovascular Pharmacology</i> , 1989, 13, S20-S23. | 0.8 | 9 |
| 252 | Tuberoinfundibular peptide of 39 residues in the embryonic and early postnatal rat brain. <i>Journal of Chemical Neuroanatomy</i> , 2008, 36, 59-68. | 1.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 253 | Distribution of immunoreactive metorphamide (adrenorphin) in discrete regions of the rat brain: Comparison with met-enkephalin-Arg6-Gly7-Leu8. <i>Brain Research</i> , 1985, 361, 193-199. | 1.1 | 8 |
| 254 | Autotransplantation of superior cervical ganglion to the caudate nucleus in three patients with Parkinson's disease (preliminary report). <i>Neurosurgical Review</i> , 1990, 13, 119-122. | 1.2 | 8 |
| 255 | Central vasopressin is modulated by chronic blockade of the renin-angiotensin system in experimental left ventricular hypertrophy. <i>American Journal of Hypertension</i> , 1999, 12, 311-314. | 1.0 | 8 |
| 256 | Preconditioning-specific reduction of c-fos expression in hippocampal granule and pyramidal but not other forebrain neurons of ischemic brain: a quantitative immunohistochemical study. <i>Neuroscience Letters</i> , 2005, 381, 344-349. | 1.0 | 8 |
| 257 | Galanin and its three receptors in human pituitary adenoma. <i>Neuropeptides</i> , 2012, 46, 195-201. | 0.9 | 8 |
| 258 | Peptidergic neurons of the Edinger-Westphal nucleus express TRPA1 ion channel that is downregulated both upon chronic variable mild stress in male mice and in humans who died by suicide. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E162-E175. | 1.4 | 8 |
| 259 | Catecholaminergic activity of the baroreceptor areas of the brain in response to bilateral dorsolateral transection of medulla oblongata in rats. <i>Brain Research</i> , 1985, 325, 231-240. | 1.1 | 7 |
| 260 | Biogenic Amine and Corticotrophin-Releasing Factor Concentrations in Hypothalamic Paraventricular Nucleus and Biogenic Amine Levels in the Median Eminence of Normal Dogs, Chronic Dexamethasone-Treated Dogs, and Dogs with Naturally-Occurring Pituitary-Dependent Hyperadrenocorticism (Canine Cushing's Disease). <i>Journal of Neuroendocrinology</i> , 1989, 1, 169-171. | 1.2 | 7 |
| 261 | Regulation of Dopamine Transporter mRNA Levels in the Central Nervous System. <i>Advances in Pharmacology</i> , 1997, 42, 202-206. | 1.2 | 7 |
| 262 | Increased c-Jun expression in neurons affected by lysolecithin-induced demyelination in rats. <i>Neuroscience Letters</i> , 2000, 292, 71-74. | 1.0 | 7 |
| 263 | Susceptibility of dopamine D5 receptor targeted mice to cysteamine. <i>Journal of Physiology (Paris)</i> , 2001, 95, 147-151. | 2.1 | 7 |
| 264 | Protein Aggregation of NPAS3, Implicated in Mental Illness, Is Not Limited to the V304I Mutation. <i>Journal of Personalized Medicine</i> , 2021, 11, 1070. | 1.1 | 7 |
| 265 | Effect of phencyclidine (PCP) on blood pressure and catecholamine levels in discrete brain nuclei. <i>Brain Research</i> , 1984, 321, 315-318. | 1.1 | 6 |
| 266 | Effect of ventral noradrenergic bundle transection and locus coeruleus lesions on urinary 3-methoxy-4-hydroxyphenylethyleneglycol (MHPG) excretion in the rat. <i>Brain Research</i> , 1985, 359, 239-245. | 1.1 | 6 |
| 267 | Ethanol inhibition of stress-related tachycardia involves medullary NMDA receptors. <i>European Journal of Pharmacology</i> , 1996, 310, 145-153. | 1.7 | 6 |
| 268 | Suppression of spike-wave discharge activity and c-fos expression by 2-methyl-4-oxo-3H-quinazoline-3-acetyl piperidine (Q5) in vivo. <i>Neuroscience Letters</i> , 2007, 423, 73-77. | 1.0 | 6 |
| 269 | Cross over of forebrain and brainstem neuronal projections to spinal cord sympathetic preganglionic neurons in the rat. <i>Stress</i> , 2007, 10, 145-152. | 0.8 | 6 |
| 270 | Effect of lesions of A5 or A7 noradrenergic cell group or surgical transection of brainstem catecholamine pathways on plasma catecholamine levels in rats injected subcutaneously by formalin. <i>General Physiology and Biophysics</i> , 2012, 31, 247-254. | 0.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 271 | A common functional allele of the Nogo receptor gene, reticulon 4 receptor (RTN4R), is associated with sporadic amyotrophic lateral sclerosis in a French population. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015, 16, 490-496. | 1.1 | 6 |
| 272 | Partial coexistence of growth hormone-releasing hormone and tyrosine hydroxylase in paraventricular neurons in rats. <i>Peptides</i> , 1989, 10, 791-795. | 1.2 | 5 |
| 273 | Effect of ACE inhibitors on atrial natriuretic factor in the brains of rats with reduced renal mass. <i>Kidney International</i> , 1993, 44, 24-29. | 2.6 | 5 |
| 274 | Vesicular monoamine transporters in the rat stomach. <i>Journal of Physiology (Paris)</i> , 2000, 94, 123-130. | 2.1 | 5 |
| 275 | Gyrus cinguli transection abolishes delta-opioid receptor-induced gastroprotection and alters alpha 2 adrenoceptor activity in the lower brainstem in rats. <i>Brain Research</i> , 2002, 947, 90-99. | 1.1 | 5 |
| 276 | Low ambient temperature reveals distinct mechanisms for MDMA-induced serotonergic toxicity and astroglial Hsp27 heat shock response in rat brain. <i>Neurochemistry International</i> , 2011, 59, 695-705. | 1.9 | 5 |
| 277 | Secretagogin marks amygdaloid PKC δ interneurons and modulates NMDA receptor availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 5 |
| 278 | Whole-exome sequencing data of suicide victims who had suffered from major depressive disorder. <i>Scientific Data</i> , 2019, 6, 190010. | 2.4 | 5 |
| 279 | Neurotensin and neuromedin N brain levels after fornix transection: evidence for an efficient neurotensin precursor processing in subicular neurons. <i>Brain Research</i> , 1995, 702, 279-283. | 1.1 | 4 |
| 280 | Neonatal monosodium glutamate treatment abolishes both delta opioid receptor-induced and alpha-2 adrenoceptor-mediated gastroprotection in the lower brainstem in rats. <i>Journal of Physiology (Paris)</i> , 2001, 95, 215-220. | 2.1 | 4 |
| 281 | Prolactin Response to Formalin Is Related to the Acute Nociceptive Response and It Is Attenuated by Combined Application of Different Stressors. <i>Neuroendocrinology</i> , 2007, 86, 69-76. | 1.2 | 4 |
| 282 | Microcapillary specifically designed for pressure microinjections of very low volumes. <i>Journal of Neuroscience Methods</i> , 2010, 190, 229-234. | 1.3 | 4 |
| 283 | Bone Marrow-Derived Nonreactive Astrocytes in the Mouse Brain After Permanent Middle Cerebral Artery Occlusion. <i>Stem Cells and Development</i> , 2011, 20, 539-546. | 1.1 | 4 |
| 284 | Altered cAMP Content in Specific Brain Areas of Spontaneously Hypertensive Rats Dependent on Calcium Status or Parathyroidectomy. <i>American Journal of Nephrology</i> , 1986, 6, 139-144. | 1.4 | 4 |
| 285 | Transcriptome Profiling of the Dorsomedial Prefrontal Cortex in Suicide Victims. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7067. | 1.8 | 4 |
| 286 | EFFECT OF ANGIOTENSIN-CONVERTING ENZYME INHIBITORS CAPTOPRIL AND ENALAPRIL ON cAMP CONTENT OF SPECIFIC BRAIN AREAS IN SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1987, 14, 327-332. | 0.9 | 3 |
| 287 | [γ]-Girisopam, a novel selective benzodiazepine for the 2,3-benzodiazepine binding site. <i>Brain Research Protocols</i> , 1999, 4, 230-235. | 1.7 | 3 |
| 288 | Distribution of the hypothalamic cardioactive hormone "G"-protein complex (PCG) in neuronal elements of the heart in intact and vagotomized rats. <i>Neurochemical Research</i> , 2002, 27, 381-388. | 1.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 289 | Investigation of the complex descending innervation of the dorsal cochlear nucleus in the rat: a transneuronal tract-tracing study using pseudorabies virus. <i>Neuroscience Letters</i> , 2003, 337, 151-154. | 1.0 | 3 |
| 290 | Stress-induced alterations in catecholamine enzymes gene expression in the hypothalamic dorsomedial nucleus are modulated by caudal brain and not hypothalamic paraventricular nucleus neurons. <i>Brain Research Bulletin</i> , 2007, 74, 147-154. | 1.4 | 3 |
| 291 | Suckling induced activation pattern in the brain of rat pups. <i>Nutritional Neuroscience</i> , 2018, 21, 317-327. | 1.5 | 3 |
| 292 | Evidence for the expression of parathyroid hormone 2 receptor in the human brainstem. <i>Ideggyogyaszati Szemle</i> , 2008, 61, 123-6. | 0.4 | 3 |
| 293 | Changes in specific binding sites of girisopam after chemical and surgical lesions in the striato-nigral system. <i>Molecular Brain Research</i> , 1997, 45, 141-144. | 2.5 | 2 |
| 294 | Intracranial landmarks and other techniques to further improve the precision of stereotaxic tracer injections. <i>Experimental Brain Research</i> , 2011, 208, 51-60. | 0.7 | 2 |
| 295 | In vivo SPECT and ex vivo autoradiographic brain imaging of the novel selective CB1 receptor antagonist radioligand [¹²⁵ I]SD7015 in CB1 knock-out and wildtype mouse. <i>Brain Research Bulletin</i> , 2013, 91, 46-51. | 1.4 | 2 |
| 296 | Stereotaxic Map, Cytoarchitectonic and Neurochemical Summary of the Hypothalamic Nuclei, Rat. <i>Monographs on Pathology of Laboratory Animals</i> , 1983, , 316-331. | 0.0 | 2 |
| 297 | Extrahypothalamic Distribution and Action of Hypothalamic Hormones. , 1983, , 467-487. | | 2 |
| 298 | Peptidergic Transmitter Systems. , 0, , 85-95. | | 1 |
| 299 | Age and monosodium glutamate treatment cause changes in the stimulation-induced [³ H]-norepinephrine release from rat nucleus tractus solitarii-dorsal vagal nucleus slices. <i>Life Sciences</i> , 2004, 74, 1573-1580. | 2.0 | 1 |
| 300 | Neuropeptides in the Central Regulation of Blood Pressure. <i>Developments in Cardiovascular Medicine</i> , 1984, , 282-290. | 0.1 | 1 |
| 301 | ROLE OF THE MEDULLARY ADRENALIN-CONTAINING CELLS IN CARDIOVASCULAR REGULATION. , 1979, , 1425-1427. | | 1 |
| 302 | Stereotaxic Map, Cytoarchitectonic and Neurochemical Summary of the Hypothalamic Nuclei, Rat. <i>Monographs on Pathology of Laboratory Animals</i> , 1996, , 121-167. | 0.0 | 1 |
| 303 | Identification of endogenous peroxidase-containing cells as eosinophils in the gastrointestinal system. <i>Histochemistry and Cell Biology</i> , 1996, 106, 447-456. | 0.8 | 1 |
| 304 | Alterations in Cyclic AMP Concentration and Adenylate Cyclase Activity in Specific Brain Areas of Rats with Inherited Hypothalamic Diabetes Insipidus (Brattleboro Rats). <i>Journal of Neuroendocrinology</i> , 1990, 2, 151-155. | 1.2 | 0 |
| 305 | Novel tracing paradigms?genetically engineered herpesviruses as tools for mapping functional circuits within the CNS: present status and future prospects. <i>Progress in Neurobiology</i> , 2004, 72, 417-417. | 2.8 | 0 |
| 306 | The Role of the Central Catecholamine System in the Organization of Neuronal and Neurohumoral Responses to Various Stressful Stimuli. <i>Advances in Behavioral Biology</i> , 2002, , 325-328. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | <i>Response</i> : The Sympathochromaffin System and the Pituitary-Adrenocortical Response to Hypoglycemia. Science, 1986, 231, 502-502. | 6.0 | 0 |
| 308 | <i>Response</i> : The Sympathochromaffin System and the Pituitary-Adrenocortical Response to Hypoglycemia. Science, 1986, 231, 502-502. | 6.0 | 0 |