# Horst Werner Korf

List of Publications by Year
in descending order



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|---|---|---|---|
| 254 papers | 10,635 citations | 28190 55 h-index | 51492 86 g-index |
| 264 all docs | 264 docs citations | 264 times ranked | 9117 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Brain pathology of spinocerebellar ataxias. Acta Neuropathologica, 2012, 124, 1-21. | 3.9 | 337 |
| 2 | Clinical features, neurogenetics and neuropathology of the polyglutamine spinocerebellar ataxias type 1, 2, 3, 6 and 7. Progress in Neurobiology, 2013, 104, 38-66. | 2.8 | 283 |
| 3 | The dissection course â€“ necessary and indispensable for teaching anatomy to medical students. Annals of Anatomy, 2008, 190, 16-22. | 1.0 | 245 |
| 4 | Involvement of thyrotropin in photoperiodic signal transduction in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18238-18242. | 3.3 | 242 |
| 5 | Rhythmic gene expression in pituitary depends on heterologous sensitization by the neurohormone melatonin. Nature Neuroscience, 2002, 5, 234-238. | 7.1 | 235 |
| 6 | Phosphorylation of CREB Ser142 Regulates Light-Induced Phase Shifts of the Circadian Clock. Neuron, 2002, 34, 245-253. | 3.8 | 233 |
| 7 | The Brainstem Pathologies of Parkinson's Disease and Dementia with Lewy Bodies. Brain Pathology, 2015, 25, 121-135. | 2.1 | 214 |
| 8 | Extracellular nucleotide signaling in adult neural stem cells: synergism with growth factor-mediated cellular proliferation. Development (Cambridge), 2006, 133, 675-684. | 1.2 | 193 |
| 9 | Transgenic mice expressing mutant A53T human alpha-synuclein show neuronal dysfunction in the absence of aggregate formation. Molecular and Cellular Neurosciences, 2003, 24, 419-429. | 1.0 | 189 |
| 10 | Molecular cloning, localization and circadian expression of chicken melanopsin (Opn4): differential regulation of expression in pineal and retinal cell types. Journal of Neurochemistry, 2005, 92, 158-170. | 2.1 | 174 |
| 11 | Melatonin: A Clock-Output, A Clock-Input. Journal of Neuroendocrinology, 2003, 15, 383-389. | 1.2 | 157 |
| 12 | <scp>H</scp>untington's disease (<scp>HD</scp>): the neuropathology of a multisystem neurodegenerative disorder of the human brain. Brain Pathology, 2016, 26, 726-740. | 2.1 | 144 |
| 13 | CREB in the Mouse SCN: A Molecular Interface Coding the Phase-Adjusting Stimuli Light, Glutamate, PACAP, and Melatonin for Clockwork Access. Journal of Neuroscience, 1998, 18, 10389-10397. | 1.7 | 143 |
| 14 | Immunocytochemical demonstration of retinal S-antigen in the pineal organ of four mammalian species. Cell and Tissue Research, 1985, 239, 81-85. | 1.5 | 132 |
| 15 | Degeneration of the Cerebellum in <scp>H</scp>untington's Disease (<scp>HD</scp>): Possible Relevance for the Clinical Picture and Potential Gateway to Pathological Mechanisms of the Disease Process. Brain Pathology, 2013, 23, 165-177. | 2.1 | 119 |
| 16 | Transcription Factors in Neuroendocrine Regulation: Rhythmic Changes in pCREB and ICER Levels Frame Melatonin Synthesis. Journal of Neuroscience, 1999, 19, 3326-3336. | 1.7 | 118 |
| 17 | Melatonin Plays a Crucial Role in the Regulation of Rhythmic Clock Gene Expression in the Mouse Pars Tuberalis. Annals of the New York Academy of Sciences, 2005, 1040, 508-511. | 1.8 | 118 |
| 18 | Synchronizing effects of melatonin on diurnal and circadian rhythms. General and Comparative Endocrinology, 2018, 258, 215-221. | 0.8 | 113 |

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 19 | Precortical Phase of Alzheimer's Disease (<scp>AD</scp>)â€Related Tau Cytoskeletal Pathology. Brain Pathology, 2016, 26, 371-386. | 2.1 | 112 |
| 20 | Mechanisms Regulating Melatonin Synthesis in the Mammalian Pineal Organ. Annals of the New York Academy of Sciences, 2005, 1057, 372-383. | 1.8 | 108 |
| 21 | Melatonin Transmits Photoperiodic Signals through the MT1 Melatonin Receptor. Journal of Neuroscience, 2009, 29, 2885-2889. | 1.7 | 106 |
| 22 | Prognostic implication of histopathological, immunohistochemical and clinical features of oligodendrogliomas: a study of 89 cases. Acta Neuropathologica, 1998, 95, 493-504. | 3.9 | 104 |
| 23 | Pinealocyte projections into the mammalian brain revealed with S-antigen antiserum. Science, 1986, 231, 735-737. | 6.0 | 94 |
| 24 | alpha-Transducin immunoreactivity in retinae and sensory pineal organs of adult vertebrates.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 912-916. | 3.3 | 92 |
| 25 | Interleukin-1Î² exacerbates and interleukin-1 receptor antagonist attenuates neuronal injury and microglial activation after excitotoxic damage in organotypic hippocampal slice cultures. European Journal of Neuroscience, 2005, 21, 2347-2360. | 1.2 | 85 |
| 26 | Opsin-like immunoreaction in the retinae and pineal organs of four mammalian species. Cell and Tissue Research, 1985, 242, 645-8. | 1.5 | 84 |
| 27 | Transcription factor dynamics and neuroendocrine signalling in the mouse pineal gland: a comparative analysis of melatonin-deficient C57BL mice and melatonin-proficient C3H mice. European Journal of Neuroscience, 2000, 12, 964-972. | 1.2 | 84 |
| 28 | Pathoanatomy of Cerebellar Degeneration in Spinocerebellar Ataxia Type 2 (SCA2) and Type 3 (SCA3). Cerebellum, 2012, 11, 749-760. | 1.4 | 83 |
| 29 | Rhythms in clock proteins in the mouse pars tuberalis depend on MT1 melatonin receptor signalling. European Journal of Neuroscience, 2005, 22, 2845-2854. | 1.2 | 80 |
| 30 | 2â€Arachidonoylglycerol elicits neuroprotective effects on excitotoxically lesioned dentate gyrus granule cells via abnormalâ€cannabidiolâ€sensitive receptors on microglial cells. Glia, 2009, 57, 286-294. | 2.5 | 80 |
| 31 | Recoverin in pineal organs and retinae of various vertebrate species including man. Brain Research, 1992, 595, 57-66. | 1.1 | 77 |
| 32 | Selective Adrenergic/Cyclic AMP-Dependent Switch-Off of Proteasomal Proteolysis Alone Switches on Neural Signal Transduction. Journal of Neurochemistry, 2002, 75, 2123-2132. | 2.1 | 75 |
| 33 | Temporal Dynamics of Type 2 Deiodinase Expression after Melatonin Injections in Syrian Hamsters. Endocrinology, 2007, 148, 4385-4392. | 1.4 | 74 |
| 34 | Of Rodents and Ungulates and Melatonin: Creating a Uniform Code for Darkness by Different Signaling Mechanisms. Journal of Biological Rhythms, 2001, 16, 312-325. | 1.4 | 73 |
| 35 | Opsin-immunoreactive outer segments in the pineal and parapineal organs of the lamprey (Lampetra) Tj ETQq1 1 0.784314 rgBT /Ove Research, 1983, 230, 289-307. | 1.5 | 72 |
| 36 | Immunocytochemical markers revealing retinal and pineal but not hypothalamic photoreceptor systems in the Japanese quail. Cell and Tissue Research, 1987, 248, 161-167. | 1.5 | 72 |

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|---|---|---|---|
| 37 | Exercise time cues (zeitgebers) for human circadian systems can foster health and improve performance: a systematic review. BMJ Open Sport and Exercise Medicine, 2018, 4, e000443. | 1.4 | 72 |
| 38 | Opsin-immunoreactive outer segments and acetylcholinesterase-positive neurons in the pineal complex of Phoxinus phoxinus (Teleostei, Cyprinidae). Cell and Tissue Research, 1982, 227, 351-369. | 1.5 | 70 |
| 39 | Calcium responses of isolated, immunocytochemically identified rat pinealocytes to noradrenergic, cholinergic and vasopressinergic stimulations. Neurochemistry International, 1995, 27, 163-175. | 1.9 | 70 |
| 40 | The origin of central pinealopetal nerve fibers in the Mongolian gerbil as demonstrated by the retrograde transport of horseradish peroxidase. Cell and Tissue Research, 1983, 230, 273-87. | 1.5 | 69 |
| 41 | Evidence for a nervous connection between the brain and the pineal organ in the guinea pig. Cell and Tissue Research, 1980, 209, 505-10. | 1.5 | 66 |
| 42 | Spinocerebellar ataxia type 1 (SCA1): new pathoanatomical and clinicoâ€pathological insights. Neuropathology and Applied Neurobiology, 2012, 38, 665-680. | 1.8 | 66 |
| 43 | Norepinephrine-induced phosphorylation of the transcription factor CREB in isolated rat pinealocytes: an immunocytochemical study. Cell and Tissue Research, 1995, 282, 219-226. | 1.5 | 64 |
| 44 | Astrocytic factors protect neuronal integrity and reduce microglial activation in anin vitromodel ofN-methyl-d-aspartate-induced excitotoxic injury in organotypic hippocampal slice cultures. European Journal of Neuroscience, 2001, 14, 315-326. | 1.2 | 64 |
| 45 | Acetylcholinesterase-positive neurons in the pineal and parapineal organs of the rainbow trout, Salmo gairdneri (with special reference to the pineal tract). Cell and Tissue Research, 1974, 155, 475-89. | 1.5 | 63 |
| 46 | Signaling pathways to and from the hypophysial pars tuberalis, an important center for the control of seasonal rhythms. General and Comparative Endocrinology, 2018, 258, 236-243. | 0.8 | 62 |
| 47 | Pituitary Adenylate Cyclase-Activating Polypeptide and Melatonin in the Suprachiasmatic Nucleus: Effects on the Calcium Signal Transduction Cascade. Journal of Neuroscience, 1999, 19, 206-219. | 1.7 | 61 |
| 48 | Melatonin limits transcriptional impact of phosphoCREB in the mouse SCN via the Mel1a receptor. NeuroReport, 2000, 11, 1803-1807. | 0.6 | 61 |
| 49 | Melatonin modulates the light-induced sympathoexcitation and vagal suppression with participation of the suprachiasmatic nucleus in mice. Journal of Physiology, 2003, 547, 317-332. | 1.3 | 61 |
| 50 | The pituitary adenylate cyclase-activating polypeptide-induced phosphorylation of the transcription factor CREB (cAMP response element binding protein) in the rat suprachiasmatic nucleus is inhibited by melatonin. Neuroscience Letters, 1997, 227, 145-148. | 1.0 | 60 |
| 51 | Immunocytochemical demonstration of day/night changes of clock gene protein levels in the murine adrenal gland: differences between melatonin-proficient (C3H) and melatonin-deficient (C57BL) mice. Journal of Pineal Research, 2006, 40, 64-70. | 3.4 | 60 |
| 52 | The Endogenous Melatonin (MT) Signal Facilitates Reentrainment of the Circadian System to Light-Induced Phase Advances by Acting Upon MT2 Receptors. Chronobiology International, 2012, 29, 415-429. | 0.9 | 60 |
| 53 | Vasoactive intestinal peptide (VIP) and pituitary adenylate cyclase-activating polypeptide (PACAP) induce phosphorylation of the transcription factor CREB in subpopulations of rat pinealocytes: immunocytochemical and immunochemical evidence. Cell and Tissue Research, 1996, 286, 305-313. | 1.5 | 59 |
| 54 | Differential maturation of circadian rhythms in clock gene proteins in the suprachiasmatic nucleus and the pars tuberalis during mouse ontogeny. European Journal of Neuroscience, 2009, 29, 477-489. | 1.2 | 58 |

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|---|---|---|---|
| 55 | Neuronal organization of the avian paraventricular nucleus: Intrinsic, afferent, and efferent connections. The Journal of Experimental Zoology, 1984, 232, 387-395. | 1.4 | 56 |
| 56 | Interleukin-4, interleukin-10, and interleukin-1-receptor antagonist but not transforming growth factor-? induce ramification and reduce adhesion molecule expression of rat microglial cells. Journal of Neuroscience Research, 2002, 68, 579-587. | 1.3 | 56 |
| 57 | Improving Drug Penetrability with iRGD Leverages the Therapeutic Response to Sorafenib and Doxorubicin in Hepatocellular Carcinoma. Cancer Research, 2015, 75, 3147-3154. | 0.4 | 56 |
| 58 | The Brainstem Tau Cytoskeletal Pathology of Alzheimerâ€™s Disease: A Brief Historical Overview and Description of its Anatomical Distribution Pattern, Evolutional Features, Pathogenetic and Clinical Relevance. Current Alzheimer Research, 2016, 13, 1178-1197. | 0.7 | 56 |
| 59 | The presence of vasoactive intestinal polypeptide (VIP)-like-immunoreactive nerve fibres and VIP-receptors in the pineal gland of the Mongolian gerbil (Meriones unguiculatus). Cell and Tissue Research, 1985, 241, 333-340. | 1.5 | 55 |
| 60 | Antibodies against retinal photoreceptor-specific proteins reveal axonal projections from the photosensory pineal organ in teleosts. Journal of Comparative Neurology, 1987, 265, 25-33. | 0.9 | 54 |
| 61 | Organisation of the circadian system in melatonin-proficient C3H and melatonin-deficient C57BL mice: a comparative investigation. Cell and Tissue Research, 2002, 309, 173-182. | 1.5 | 54 |
| 62 | No parkinsonism in SCA2 and SCA3 despite severe neurodegeneration of the dopaminergic substantia nigra. Brain, 2015, 138, 3316-3326. | 3.7 | 54 |
| 63 | CREB phosphorylation and melatonin biosynthesis in the rat pineal gland: Involvement of cyclic AMP dependent protein kinase type II. Journal of Pineal Research, 1999, 27, 170-182. | 3.4 | 53 |
| 64 | Oxytocin-and vasopressin-immunoreactive nerve fibers in the pineal gland of the hedgehog, Erinaceus europaeus L.. Cell and Tissue Research, 1981, 220, 87-97. | 1.5 | 52 |
| 65 | The bisphosphonate clodronate depletes microglial cells in excitotoxically injured organotypic hippocampal slice cultures. Experimental Neurology, 2003, 181, 1-11. | 2.0 | 51 |
| 66 | <scp>H</scp>untington's <scp>D</scp>isease (<scp>HD</scp>): Degeneration of Select Nuclei, Widespread Occurrence of Neuronal Nuclear and Axonal Inclusions in the Brainstem. Brain Pathology, 2014, 24, 247-260. | 2.1 | 51 |
| 67 | Pineal complex of the clawed toad, Xenopus laevis Daud.: Structure and function. Cell and Tissue Research, 1981, 216, 113-30. | 1.5 | 49 |
| 68 | Photoperiodic Control of <i>TSHâ€Î²</i> Expression in the Mammalian Pars Tuberalis has Different Impacts on the Induction and Suppression of the Hypothalamoâ€Hypopysial Gonadal Axis. Journal of Neuroendocrinology, 2010, 22, 43-50. | 1.2 | 49 |
| 69 | Fine Astrocyte Processes Contain Very Small Mitochondria: Glial Oxidative Capability May Fuel Transmitter Metabolism. Neurochemical Research, 2015, 40, 2402-2413. | 1.6 | 49 |
| 70 | Impact of Melatonin and Molecular Clockwork Components on the Expression of Thyrotropin Î²-Chain (Tshb) and the Tsh Receptor in the Mouse Pars Tuberalis. Endocrinology, 2009, 150, 4653-4662. | 1.4 | 48 |
| 71 | Nervous connections of the parietal eye in adult Lacerta s. sicula Rafinesque as demonstrated by anterograde and retrograde transport of horseradish peroxidase. Cell and Tissue Research, 1981, 219, 567-83. | 1.5 | 47 |
| 72 | Central innervation of the pineal organ of the Mongolian gerbil. Cell and Tissue Research, 1983, 230, 259-72. | 1.5 | 47 |

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|---|---|---|---|
| 73 | Immunocytochemical demonstration of rod-opsin, S-antigen, and neuron-specific proteins in the human pineal gland. Cell and Tissue Research, 1992, 267, 493-498. | 1.5 | 47 |
| 74 | Stimulation of a nicotinic ACh receptor causes depolarization and activation of Lâ€type Ca2+ channels in rat pinealocytes.. Journal of Physiology, 1997, 499, 329-340. | 1.3 | 47 |
| 75 | The Mammalian Molecular Clockwork Controls Rhythmic Expression of Its Own Input Pathway Components. Journal of Neuroscience, 2009, 29, 6114-6123. | 1.7 | 46 |
| 76 | The pituitary adenylate cyclase-activating polypeptide modulates glutamatergic calcium signalling: investigations on rat suprachiasmatic nucleus neurons. Journal of Neurochemistry, 2008, 79, 161-171. | 2.1 | 45 |
| 77 | S-antigen-like immunoreactivity in a human pineocytoma. Acta Neuropathologica, 1986, 69, 165-167. | 3.9 | 44 |
| 78 | An immunocytochemical investigation of glial morphology in the Pacific hagfish: radial and astrocyte-like glia have the same phylogenetic age. Journal of Neurocytology, 1994, 23, 565-576. | 1.6 | 44 |
| 79 | Clock Gene Protein mPER1 is Rhythmically Synthesized and Under cAMP Control in the Mouse Pineal Organ. Journal of Neuroendocrinology, 2001, 13, 313-316. | 1.2 | 44 |
| 80 | Mice, melatonin and the circadian system. Molecular and Cellular Endocrinology, 2006, 252, 57-68. | 1.6 | 44 |
| 81 | Clock gene expression in the retina of melatonin-proficient (C3H) and melatonin-deficient (C57BL) mice. Journal of Pineal Research, 2007, 42, 83-91. | 3.4 | 44 |
| 82 | Involvement of the cerebellum in Parkinson disease and dementia with Lewy bodies. Annals of Neurology, 2017, 81, 898-903. | 2.8 | 44 |
| 83 | Clock gene mRNA and protein rhythms in the pineal gland of mice. European Journal of Neuroscience, 2004, 19, 3382-3388. | 1.2 | 43 |
| 84 | Clodronate inhibits the secretion of proinflammatory cytokines and NO by isolated microglial cells and reduces the number of proliferating glial cells in excitotoxically injured organotypic hippocampal slice cultures. Experimental Neurology, 2004, 189, 241-251. | 2.0 | 43 |
| 85 | Immunocytochemical evidence of molecular photoreceptor markers in cerebellar medulloblastomas. Cancer, 1987, 60, 1763-1766. | 2.0 | 42 |
| 86 | Palmitoylethanolamide Protects Dentate Gyrus Granule Cells via Peroxisome Proliferator-Activated Receptor-Alpha. Neurotoxicity Research, 2011, 19, 330-340. | 1.3 | 42 |
| 87 | Immunocytochemical localization of serotonin and photoreceptor-specific proteins (rod-opsin,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 photoneuroendocrine cells. Cell and Tissue Research, 1990, 262, 205-216. | 1.5 | 41 |
| 88 | Single-cell [Ca2+]i analysis and biochemical characterization of pinealocytes immobilized with novel attachment peptide preparation. Brain Research, 1993, 614, 251-256. | 1.1 | 41 |
| 89 | Cannabinoids and neuronal damage: Differential effects of THC, AEA and 2-AG on activated microglial cells and degenerating neurons in excitotoxically lesioned rat organotypic hippocampal slice cultures. Experimental Neurology, 2007, 203, 246-257. | 2.0 | 41 |
| 90 | Ependymal and neuronal specializations in the lateral ventricle of the Pekin duck, Anas platyrhynchos. Cell and Tissue Research, 1984, 236, 217-227. | 1.5 | 40 |

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| 91 | Complex relationships between the pineal organ and the medial habenular nucleus-pretectal region of the mouse as revealed by S-antigen immunocytochemistry. Cell and Tissue Research, 1990, 261, 493-500. | 1.5 | 40 |
| 92 | Polyglutamine aggregation in <scp>H</scp>untington's disease and spinocerebellar ataxia type 3: similar mechanisms in aggregate formation. Neuropathology and Applied Neurobiology, 2016, 42, 153-166. | 1.8 | 40 |
| 93 | CSF-contacting and other somatostatin-immunoreactive neurons in the brains of Anguilla anguilla, Phoxinus phoxinus, and Salmo gairdneri (Teleostei). Cell and Tissue Research, 1983, 233, 319-34. | 1.5 | 39 |
| 94 | Analysis of cell signalling in the rodent pineal gland deciphers regulators of dynamic transcription in neural/endocrine cells*. European Journal of Neuroscience, 2001, 14, 1-9. | 1.2 | 39 |
| 95 | cAMP Regulation of ArylalkylamineN-Acetyltransferase (AANAT, EC 2.3.1.87). Journal of Biological Chemistry, 2001, 276, 24097-24107. | 1.6 | 39 |
| 96 | Control of CREB phosphorylation and its role for induction of melatonin synthesis in rat pinealocytes*. Biology of the Cell, 1997, 89, 505-511. | 0.7 | 38 |
| 97 | Inducible Cyclic AMP Early Repressor Protein in Rat Pinealocytes: A Highly Sensitive Natural Reporter for Regulated Gene Transcription. Molecular Pharmacology, 1999, 56, 279-289. | 1.0 | 38 |
| 98 | Intrinsic neurons and neural connections of the pineal organ of the house sparrow, Passer domesticus, as revealed by anterograde and retrograde transport of horseradish peroxidase. Cell and Tissue Research, 1982, 222, 243-60. | 1.5 | 37 |
| 99 | The immunosuppressant mycophenolate mofetil attenuates neuronal damage after excitotoxic injury in hippocampal slice cultures. European Journal of Neuroscience, 2003, 18, 1061-1072. | 1.2 | 37 |
| 100 | The cannabinoid WIN 55,212â€2â€mediated protection of dentate gyrus granule cells is driven by CB<sub>1</sub> receptors and modulated by TRPA1 and Ca<sub>v</sub>2.2 channels. Hippocampus, 2011, 21, 554-564. | 0.9 | 37 |
| 101 | A Semiquantitative Image-analytical Method for the Recording of Dose-Response Curves in Immunocytochemical Preparations. Journal of Histochemistry and Cytochemistry, 1999, 47, 411-419. | 1.3 | 36 |
| 102 | On the distribution of intranuclear and cytoplasmic aggregates in the brainstem of patients with spinocerebellar ataxia type 2 and 3. Brain Pathology, 2017, 27, 345-355. | 2.1 | 36 |
| 103 | Pineal neurons projecting to the brain of the rainbow trout, Salmo gairdneri Richardson (Teleostei). Cell and Tissue Research, 1985, 240, 693-700. | 1.5 | 35 |
| 104 | Putative cholinergic elements in the photosensory pineal organ and retina of a teleost, Phoxinus phoxinus L. (Cyprinidae). Cell and Tissue Research, 1986, 246, 321-329. | 1.5 | 35 |
| 105 | Pineal melatonin synthesis is altered in Period1 deficient mice. Neuroscience, 2010, 171, 398-406. | 1.1 | 35 |
| 106 | S-Antigen and Rod-Opsin Immunoreactions in Midline Brain Neoplasms of Transgenic Mice: Similarities to Pineal Cell Tumors and Certain Medulloblastomas in Man. Journal of Neuropathology and Experimental Neurology, 1990, 49, 424-437. | 0.9 | 34 |
| 107 | Rhythmic variation in Î²1-adrenergic receptor mRNA levels in the rat pineal gland: circadian and developmental regulation. European Journal of Neuroscience, 1998, 10, 2896-2904. | 1.2 | 34 |
| 108 | Immunohistochemical, ultrastructural, biochemical and in vitro studies of a pineocytoma. Acta Neuropathologica, 1998, 95, 532-539. | 3.9 | 34 |

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|---|---|---|---|
| 109 | The hypophysial pars tuberalis transduces photoperiodic signals via multiple pathways and messenger molecules. General and Comparative Endocrinology, 2011, 172, 15-22. | 0.8 | 34 |
| 110 | Dephosphorylation of pCREB by protein serine/threonine phosphatases is involved in inactivation of <i>Aanat</i> gene transcription in rat pineal gland. Journal of Neurochemistry, 2003, 85, 170-179. | 2.1 | 33 |
| 111 | Hypoxia Causes Downregulation of Dicer in Hepatocellular Carcinoma, Which Is Required for Upregulation of Hypoxia-Inducible Factor 1Î± and Epithelialâ€“Mesenchymal Transition. Clinical Cancer Research, 2017, 23, 3896-3905. | 3.2 | 33 |
| 112 | Differentiation in medulloblastomas: correlation between the immunocytochemical demonstration of photoreceptor markers (S-antigen, rod-opsin) and the survival rate in 66 patients. Acta Neuropathologica, 1989, 78, 629-636. | 3.9 | 32 |
| 113 | Abrupt Shift of the Pattern of Diurnal Variation in Stroke Onset With Daylight Saving Time Transitions. Circulation, 2008, 118, 284-290. | 1.6 | 32 |
| 114 | Histological, histochemical and electron microscopical studies on the nervous apparatus of the pineal organ in the tiger salamander, Ambystoma tigrinum. Cell and Tissue Research, 1976, 174, 475-97. | 1.5 | 31 |
| 115 | The Circadian System and Melatonin: Lessons from Rats and Mice. Chronobiology International, 2003, 20, 697-710. | 0.9 | 31 |
| 116 | Characterization of Human Melatonin Synthesis Using Autoptic Pineal Tissue. Endocrinology, 2006, 147, 3235-3242. | 1.4 | 31 |
| 117 | The Neuropathology of Huntingtonâ€™s Disease: Classical Findings, Recent Developments and Correlation to Functional Neuroanatomy. Advances in Anatomy, Embryology and Cell Biology, 2015, , . | 1.0 | 31 |
| 118 | Neural connections between the brain and the pineal gland of the golden hamster (Mesocricetus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.5 | 30 |
| 119 | Thyrotropin-releasing hormone (TRH)-immunoreactive structures in the brain of the domestic mallard. Cell and Tissue Research, 1988, 251, 441-449. | 1.5 | 30 |
| 120 | When does it start ticking? Ontogenetic development of the mammalian circadian system. Progress in Brain Research, 2012, 199, 105-118. | 0.9 | 30 |
| 121 | Chronotypes and rhythm stability in mice. Chronobiology International, 2014, 31, 27-36. | 0.9 | 30 |
| 122 | Distribution of sensory neurones of the pudendal nerve in the dorsal root ganglia and their projection to the spinal cord. Cell and Tissue Research, 1982, 226, 555-64. | 1.5 | 29 |
| 123 | The Rhythm and Blues of Gene Expression in the Rodent Pineal Gland. Endocrine, 2005, 27, 089-100. | 2.2 | 29 |
| 124 | Detection of hepatocellular carcinoma in transgenic mice by Gd-DTPA- and rhodamine 123-conjugated human serum albumin nanoparticles in T1 magnetic resonance imaging. Journal of Controlled Release, 2015, 199, 63-71. | 4.8 | 29 |
| 125 | A Golgi study on the cerebrospinal fluid (CSF)-contacting neurons in the paraventricular nucleus of the Pekin duck. Cell and Tissue Research, 1983, 228, 149-63. | 1.5 | 28 |
| 126 | Successful inhibition of excitotoxic neuronal damage and microglial activation after delayed application of interleukinâ€1 receptor antagonist. Journal of Neuroscience Research, 2008, 86, 3314-3321. | 1.3 | 28 |

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| 127 | Melatonin receptor 1-dependent gene expression in the mouse pars tuberalis as revealed by cDNA microarray analysis and<i>in situ</i>hybridization. Journal of Pineal Research, 2010, 48, 148-156. | 3.4 | 28 |
| 128 | Afferent connections of physiologically identified neuronal complexes in the paraventricular nucleus of conscious Pekin ducks involved in regulation of salt- and water-balance. Cell and Tissue Research, 1982, 226, 275-300. | 1.5 | 27 |
| 129 | Pinealocytes immunoreactive with antisera against secretory glycoproteins of the subcommissural organ: A comparative study. Cell and Tissue Research, 1988, 254, 469-80. | 1.5 | 26 |
| 130 | Regulation of melatonin production and intracellular calcium concentrations in the trout pineal organ. Cell and Tissue Research, 1996, 286, 315-323. | 1.5 | 26 |
| 131 | Impact of melatonin receptors on pCREB and clock-gene protein levels in the murine retina. Cell and Tissue Research, 2007, 330, 29-34. | 1.5 | 26 |
| 132 | Spinocerebellar Ataxia Type 2 (SCA2): Identification of Early Brain Degeneration in One Monozygous Twin in the Initial Disease Stage. Cerebellum, 2011, 10, 245-253. | 1.4 | 26 |
| 133 | Ontogenetic development of S-antigen- and rodopsin immunoreactions in retinal and pineal photoreceptors of Xenopus laevis in relation to the onset of melatonin-dependent color-change mechanisms. Cell and Tissue Research, 1989, 258, 319-29. | 1.5 | 25 |
| 134 | Antisense experiments reveal molecular details on mechanisms of ICER suppressing cAMP-inducible genes in rat pinealocytes. Journal of Pineal Research, 2000, 29, 24-33. | 3.4 | 25 |
| 135 | Characterisation of transverse slice culture preparations of postnatal rat spinal cord: preservation of defined neuronal populations. Histochemistry and Cell Biology, 2005, 123, 377-392. | 0.8 | 25 |
| 136 | Huntington's Disease (HD): Neurodegeneration of Brodmann's Primary Visual Area 17 (BA17). Brain Pathology, 2015, 25, 701-711. | 2.1 | 25 |
| 137 | Impact of Ataxin-2 knock out on circadian locomotor behavior and PER immunoreaction in the SCN of mice. Chronobiology International, 2017, 34, 129-137. | 0.9 | 25 |
| 138 | Immunocytochemical demonstration of interphotoreceptor retinoid-binding protein in cerebellar medulloblastoma. Acta Neuropathologica, 1992, 83, 482-487. | 3.9 | 24 |
| 139 | Light-induced expression of transcription factor ICER (inducible cAMP early repressor) in rat suprachiasmatic nucleus is phase-restricted. Neuroscience Letters, 1996, 217, 169-172. | 1.0 | 24 |
| 140 | An endocannabinoid system is localized to the hypophysial pars tuberalis of Syrian hamsters and responds to photoperiodic changes. Cell and Tissue Research, 2010, 340, 127-136. | 1.5 | 24 |
| 141 | Hierarchical Distribution of the Tau Cytoskeletal Pathology in the Thalamus ofÂAlzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2016, 49, 905-915. | 1.2 | 24 |
| 142 | Dynamics of core body temperature cycles in long-term measurements under real life conditions in women. Chronobiology International, 2018, 35, 8-23. | 0.9 | 24 |
| 143 | Sensory and Central Nervous Elements in the Avian Pineal Organ. Ophthalmic Research, 1984, 16, 96-101. | 1.0 | 23 |
| 144 | Immunocytochemical demonstration of S-antigen (arrestin) in the brain of the blowfly Calliphora vicina. Cell and Tissue Research, 1995, 279, 109-114. | 1.5 | 23 |

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|---|---|---|---|
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