

Michael W Miller

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,725
citations

136740

32
h-index

205818

48
g-index

50
all docs

50
docs citations

50
times ranked

2017
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cortical connections between rat cingulate cortex and visual, motor, and postsubicular cortices. <i>Journal of Comparative Neurology</i> , 1983, 216, 192-210. | 0.9 | 493 |
| 2 | Numbers of neurons and glia in mature rat somatosensory cortex: Effects of prenatal exposure to ethanol. <i>Journal of Comparative Neurology</i> , 1990, 293, 92-102. | 0.9 | 257 |
| 3 | Maturation of rat visual cortex. II. A combined Golgi-electron microscope study of pyramidal neurons. <i>Journal of Comparative Neurology</i> , 1981, 203, 555-573. | 0.9 | 227 |
| 4 | Generation of Neurons in the Rat Dentate Gyrus and Hippocampus: Effects of Prenatal and Postnatal Treatment with Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 1500-1509. | 1.4 | 171 |
| 5 | Effect of Prenatal Exposure to Ethanol on the Cell Cycle Kinetics and Growth Fraction in the Proliferative Zones of Fetal Rat Cerebral Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 1991, 15, 229-232. | 1.4 | 167 |
| 6 | Effect of Prenatal Exposure to Ethanol on the Development of Cerebral Cortex: I. Neuronal Generation. <i>Alcoholism: Clinical and Experimental Research</i> , 1988, 12, 440-449. | 1.4 | 165 |
| 7 | Prenatal exposure to ethanol alters the postnatal development and transformation of radial glia to astrocytes in the cortex. <i>Journal of Comparative Neurology</i> , 1993, 337, 253-266. | 0.9 | 159 |
| 8 | Effect of prenatal exposure to alcohol on the distribution and time of origin of corticospinal neurons in the rat. <i>Journal of Comparative Neurology</i> , 1987, 257, 372-382. | 0.9 | 142 |
| 9 | Effects of prenatal exposure to ethanol on neocortical development: II. Cell proliferation in the ventricular and subventricular zones of the rat. <i>Journal of Comparative Neurology</i> , 1989, 287, 326-338. | 0.9 | 138 |
| 10 | Intracellular recording and injection study of corticospinal neurons in the rat somatosensory cortex: Effect of prenatal exposure to ethanol. <i>Journal of Comparative Neurology</i> , 1990, 297, 91-105. | 0.9 | 98 |
| 11 | Platelet-Derived Growth Factor-Mediated Signal Transduction Underlying Astrocyte Proliferation: Site of Ethanol Action. <i>Journal of Neuroscience</i> , 1999, 19, 10014-10025. | 1.7 | 96 |
| 12 | Transforming Growth Factor $\hat{A}1$ Promotes Cell Cycle Exit through the Cyclin-Dependent Kinase Inhibitor p21 in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 8627-8636. | 1.7 | 93 |
| 13 | Proliferation and death of cultured fetal neocortical neurons: effects of ethanol on the dynamics of cell growth. <i>Journal of Neurocytology</i> , 2002, 30, 391-401. | 1.6 | 87 |
| 14 | Structure and histogenesis of the principal sensory nucleus of the trigeminal nerve: Effects of prenatal exposure to ethanol. <i>Journal of Comparative Neurology</i> , 1989, 282, 570-580. | 0.9 | 81 |
| 15 | Effects of prenatal exposure to ethanol on callosal projection neurons in rat somatosensory cortex. <i>Brain Research</i> , 1997, 766, 121-128. | 1.1 | 76 |
| 16 | Ethanol-induced methylation of cell cycle genes in neural stem cells. <i>Journal of Neurochemistry</i> , 2010, 114, 1767-1780. | 2.1 | 75 |
| 17 | Circadian rhythm of cell proliferation in the telencephalic ventricular zone: effect of in utero exposure to ethanol. <i>Brain Research</i> , 1992, 595, 17-24. | 1.1 | 73 |
| 18 | Transforming Growth Factor $\hat{A}1$ Modulates Cell Migration in Rat Cortex: Effects of Ethanol. <i>Cerebral Cortex</i> , 2004, 14, 791-802. | 1.6 | 73 |

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|----|--|-----|-----------|
| 19 | Basic fibroblast growth factor- and platelet-derived growth factor-mediated cell proliferation in B104 neuroblastoma cells: effect of ethanol on cell cycle kinetics. <i>Brain Research</i> , 1997, 770, 139-150. | 1.1 | 71 |
| 20 | Structural and metabolic alterations in rat cerebral cortex induced by prenatal exposure to ethanol. <i>Brain Research</i> , 1988, 474, 316-326. | 1.1 | 69 |
| 21 | Expression of transforming growth factor- β^2 in developing rat cerebral cortex: Effects of prenatal exposure to ethanol. <i>Journal of Comparative Neurology</i> , 2003, 460, 410-424. | 0.9 | 68 |
| 22 | Maturation of rat visual cortex: IV. The generation, migration, morphogenesis, and connectivity of atypically oriented pyramidal neurons. <i>Journal of Comparative Neurology</i> , 1988, 274, 387-405. | 0.9 | 66 |
| 23 | Cell Cycle Kinetics in Fetal Rat Cerebral Cortex: Effects of Prenatal Treatment with Ethanol Assessed by a Cumulative Labeling Technique with Flow Cytometry. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 233-237. | 1.4 | 64 |
| 24 | Transforming Growth Factor β^1 -Regulated Cell Proliferation and Expression of Neural Cell Adhesion Molecule in B104 Neuroblastoma Cells. <i>Journal of Neurochemistry</i> , 2002, 72, 2286-2293. | 2.1 | 59 |
| 25 | The postnatal growth of the callosal connections of primary and secondary visual cortex in the rat. <i>Developmental Brain Research</i> , 1984, 14, 304-309. | 2.1 | 55 |
| 26 | Iron Regulation in the Developing Rat Brain: Effect of In Utero Ethanol Exposure. <i>Journal of Neurochemistry</i> , 1995, 65, 373-380. | 2.1 | 54 |
| 27 | Effects of Prenatal Exposure to Ethanol on the Number of Axons in the Pyramidal Tract of the Rat. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 346-354. | 1.4 | 47 |
| 28 | Number of axons in the corpus callosum of the mature <i>Macaca nemestrina</i> : Increases caused by prenatal exposure to ethanol. <i>Journal of Comparative Neurology</i> , 1999, 412, 123-131. | 0.9 | 44 |
| 29 | Expression of nerve growth factor, p75, and the high affinity neurotrophin receptors in the adult rat trigeminal system: evidence for multiple trophic support systems. , 1999, 28, 571-595. | | 37 |
| 30 | Numbers of neurons in the developing principal sensory nucleus of the trigeminal nerve: Enhanced survival of early-generated neurons over late-generated neurons. <i>Journal of Comparative Neurology</i> , 1993, 330, 491-501. | 0.9 | 35 |
| 31 | Time-specific effects of ethanol exposure on cranial nerve nuclei: Gastrulation and neuronogenesis. <i>Experimental Neurology</i> , 2007, 205, 56-63. | 2.0 | 34 |
| 32 | Expression of p53 and ALZ-50 Immunoreactivity in Rat Cortex: Effect of Prenatal Exposure to Ethanol. <i>Experimental Neurology</i> , 1998, 154, 418-429. | 2.0 | 33 |
| 33 | Transforming growth factor beta1 and ethanol affect transcription and translation of genes and proteins for cell adhesion molecules in B104 neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2006, 97, 1182-1190. | 2.1 | 33 |
| 34 | The Alcoholism Generator. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1466-1469. | 1.4 | 32 |
| 35 | Birthdates of trigeminal ganglion cells contributing axons to the infraorbital nerve and specific vibrissal follicles in the rat. <i>Journal of Comparative Neurology</i> , 1991, 307, 163-175. | 0.9 | 31 |
| 36 | Ethanol disrupts cell cycle regulation in developing rat cortex interaction with transforming growth factor beta1. <i>Journal of Neurochemistry</i> , 2005, 95, 902-912. | 2.1 | 28 |

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|----|--|-----|-----------|
| 37 | Orderly migration of neurons to the principal sensory nucleus of the trigeminal nerve of the rat. <i>Journal of Comparative Neurology</i> , 1993, 330, 464-475. | 0.9 | 27 |
| 38 | Development of the principal sensory nucleus of the trigeminal nerve of the rat and evidence for a transient synaptic field in the trigeminal sensory tract. <i>Journal of Comparative Neurology</i> , 1993, 330, 476-490. | 0.9 | 26 |
| 39 | Exposure to Ethanol during Gastrulation Alters Somatosensory-Motor Cortices and the Underlying White Matter in the Macaque. <i>Cerebral Cortex</i> , 2007, 17, 2961-2971. | 1.6 | 26 |
| 40 | Postnatal Generation of Neurons in the Ventrobasal Nucleus of the Rat Thalamus. <i>Journal of Neuroscience</i> , 2007, 27, 5023-5032. | 1.7 | 21 |
| 41 | Episodic exposure to ethanol during development differentially affects brainstem nuclei in the macaque. <i>Journal of Neurocytology</i> , 2001, 30, 973-982. | 1.6 | 19 |
| 42 | Effects of ethanol on transforming growth factor β 1-dependent and -independent mechanisms of neural stem cell apoptosis. <i>Experimental Neurology</i> , 2011, 229, 372-380. | 2.0 | 19 |
| 43 | Use of computer-aided holographic models improves performance in a cadaver dissection-based course in gross anatomy. <i>Clinical Anatomy</i> , 2016, 29, 917-924. | 1.5 | 15 |
| 44 | Neg, a nerve growth factor-stimulated gene expressed by fetal neocortical neurons that is downregulated by ethanol. <i>Journal of Comparative Neurology</i> , 2003, 460, 212-222. | 0.9 | 12 |
| 45 | Neuronal Loss in the Developing Cerebral Cortex of Normal and Bax-Deficient Mice: Effects of Ethanol Exposure. <i>Neuroscience</i> , 2018, 369, 278-291. | 1.1 | 8 |
| 46 | Ethanol-induced DNA repair in neural stem cells is transforming growth factor β 1-dependent. <i>Experimental Neurology</i> , 2019, 317, 214-225. | 2.0 | 7 |
| 47 | Effect of prenatal exposure to ethanol on the pyramidal tract in developing rats. <i>Brain Research</i> , 2017, 1672, 122-128. | 1.1 | 6 |
| 48 | p53-Mediated Activities in NSC5 Neural Stem Cells: Effects of Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 655-667. | 1.4 | 4 |
| 49 | Episodic Prenatal Exposure To Ethanol Affects Postnatal Neurogenesis In The Macaque Dentate Gyrus And Visual Recognition Memory. <i>International Journal of Developmental Neuroscience</i> , 2019, 79, 65-75. | 0.7 | 4 |
| 50 | Ruminations of a Jersey Boy: Ferdinand Under the Cork Tree. 2005 Henry L. Rosett Award. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 180-184. | 1.4 | 0 |