# Kathryn M Lenz

List of Publications by Year
in descending order



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|---|---|---|---|
| 24 papers | 2,482 citations | 430874 18 h-index | 610901 24 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 3194 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Prenatal allergic inflammation in rats programs the developmental trajectory of dendritic spine patterning in brain regions associated with cognitive and social behavior. Brain, Behavior, and Immunity, 2022, 102, 279-291. | 4.1 | 8 |
| 2 | Sex Differences in Neurodevelopmental Disorders: A Key Role for the Immune System. Current Topics in Behavioral Neurosciences, 2022, , 165-206. | 1.7 | 10 |
| 3 | Microglia Regulate Cell Genesis in a Sex-dependent Manner in the Neonatal Hippocampus. Neuroscience, 2021, 453, 237-255. | 2.3 | 12 |
| 4 | Maternal allergic inflammation in rats impacts the offspring perinatal neuroimmune milieu and the development of social play, locomotor behavior, and cognitive flexibility. Brain, Behavior, and Immunity, 2021, 95, 269-286. | 4.1 | 20 |
| 5 | Immune System Alterations and Postpartum Mental Illness: Evidence From Basic and Clinical Research. Frontiers in Global Women S Health, 2021, 2, 758748. | 2.3 | 7 |
| 6 | Sex differences in the effects of early life stress exposure on mast cells in the developing rat brain. Hormones and Behavior, 2019, 113, 76-84. | 2.1 | 20 |
| 7 | Prenatal Allergen Exposure Perturbs Sexual Differentiation and Programs Lifelong Changes in Adult Social and Sexual Behavior. Scientific Reports, 2019, 9, 4837. | 3.3 | 22 |
| 8 | Small cells with big implications: Microglia and sex differences in brain development, plasticity and behavioral health. Progress in Neurobiology, 2019, 176, 103-119. | 5.7 | 43 |
| 9 | Mast Cells in the Developing Brain Determine Adult Sexual Behavior. Journal of Neuroscience, 2018, 38, 8044-8059. | 3.6 | 84 |
| 10 | Microglia and Beyond: Innate Immune Cells As Regulators of Brain Development and Behavioral Function. Frontiers in Immunology, 2018, 9, 698. | 4.8 | 359 |
| 11 | Neuroimmunology and neuroepigenetics in the establishment of sex differences in the brain. Nature Reviews Neuroscience, 2017, 18, 471-484. | 10.2 | 192 |
| 12 | Sex differences in microglial phagocytosis in the neonatal hippocampus. Brain, Behavior, and Immunity, 2017, 64, 11-22. | 4.1 | 142 |
| 13 | The immune system as a novel regulator of sex differences in brain and behavioral development. Journal of Neuroscience Research, 2017, 95, 447-461. | 2.9 | 71 |
| 14 | Microglia depletion in early life programs persistent changes in social, mood-related, and locomotor behavior in male and female rats. Behavioural Brain Research, 2017, 316, 279-293. | 2.2 | 96 |
| 15 | A survey of neuroimmune changes in pregnant and postpartum female rats. Brain, Behavior, and Immunity, 2017, 59, 67-78. | 4.1 | 61 |
| 16 | Brain feminization requires active repression of masculinization via DNA methylation. Nature Neuroscience, 2015, 18, 690-697. | 14.8 | 339 |
| 17 | A Starring Role for Microglia in Brain Sex Differences. Neuroscientist, 2015, 21, 306-321. | 3.5 | 237 |
| 18 | Microglia Are Essential to Masculinization of Brain and Behavior. Journal of Neuroscience, 2013, 33, 2761-2772. | 3.6 | 409 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sexual Differentiation of the Rodent Brain: Dogma and Beyond. Frontiers in Neuroscience, 2012, 6, 26. | 2.8 | 142 |
| 20 | Prostaglandin E2 Regulates AMPA Receptor Phosphorylation and Promotes Membrane Insertion in Preoptic Area Neurons and Glia during Sexual Differentiation. PLoS ONE, 2011, 6, e18500. | 2.5 | 42 |
| 21 | Organized for sex â€“ steroid hormones and the developing hypothalamus. European Journal of Neuroscience, 2010, 32, 2096-2104. | 2.6 | 95 |
| 22 | Maternal care effects on SNB motoneuron development: The mediating role of sensory afferent distribution and activity. Developmental Neurobiology, 2009, 69, 603-615. | 3.0 | 17 |
| 23 | Tactile stimulation during artificial rearing influences adult function and morphology in a sexually dimorphic neuromuscular system. Developmental Neurobiology, 2008, 68, 542-557. | 3.0 | 18 |
| 24 | Maternal licking influences dendritic development of motoneurons in a sexually dimorphic neuromuscular system. Brain Research, 2006, 1092, 87-99. | 2.2 | 36 |