

Kathryn M Lenz

List of Publications by Year in descending order

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Version: 2024-02-01

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	Microglia Are Essential to Masculinization of Brain and Behavior. <i>Journal of Neuroscience</i> , 2013, 33, 2761-2772.	3.6	409
2	Microglia and Beyond: Innate Immune Cells As Regulators of Brain Development and Behavioral Function. <i>Frontiers in Immunology</i> , 2018, 9, 698.	4.8	359
3	Brain feminization requires active repression of masculinization via DNA methylation. <i>Nature Neuroscience</i> , 2015, 18, 690-697.	14.8	339
4	A Starring Role for Microglia in Brain Sex Differences. <i>Neuroscientist</i> , 2015, 21, 306-321.	3.5	237
5	Neuroimmunology and neuroepigenetics in the establishment of sex differences in the brain. <i>Nature Reviews Neuroscience</i> , 2017, 18, 471-484.	10.2	192
6	Sexual Differentiation of the Rodent Brain: Dogma and Beyond. <i>Frontiers in Neuroscience</i> , 2012, 6, 26.	2.8	142
7	Sex differences in microglial phagocytosis in the neonatal hippocampus. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 11-22.	4.1	142
8	Microglia depletion in early life programs persistent changes in social, mood-related, and locomotor behavior in male and female rats. <i>Behavioural Brain Research</i> , 2017, 316, 279-293.	2.2	96
9	Organized for sex α steroid hormones and the developing hypothalamus. <i>European Journal of Neuroscience</i> , 2010, 32, 2096-2104.	2.6	95
10	Mast Cells in the Developing Brain Determine Adult Sexual Behavior. <i>Journal of Neuroscience</i> , 2018, 38, 8044-8059.	3.6	84
11	The immune system as a novel regulator of sex differences in brain and behavioral development. <i>Journal of Neuroscience Research</i> , 2017, 95, 447-461.	2.9	71
12	A survey of neuroimmune changes in pregnant and postpartum female rats. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 67-78.	4.1	61
13	Small cells with big implications: Microglia and sex differences in brain development, plasticity and behavioral health. <i>Progress in Neurobiology</i> , 2019, 176, 103-119.	5.7	43
14	Prostaglandin E2 Regulates AMPA Receptor Phosphorylation and Promotes Membrane Insertion in Preoptic Area Neurons and Glia during Sexual Differentiation. <i>PLoS ONE</i> , 2011, 6, e18500.	2.5	42
15	Maternal licking influences dendritic development of motoneurons in a sexually dimorphic neuromuscular system. <i>Brain Research</i> , 2006, 1092, 87-99.	2.2	36
16	Prenatal Allergen Exposure Perturbs Sexual Differentiation and Programs Lifelong Changes in Adult Social and Sexual Behavior. <i>Scientific Reports</i> , 2019, 9, 4837.	3.3	22
17	Sex differences in the effects of early life stress exposure on mast cells in the developing rat brain. <i>Hormones and Behavior</i> , 2019, 113, 76-84.	2.1	20
18	Maternal allergic inflammation in rats impacts the offspring perinatal neuroimmune milieu and the development of social play, locomotor behavior, and cognitive flexibility. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 269-286.	4.1	20

#	ARTICLE	IF	CITATIONS
19	Tactile stimulation during artificial rearing influences adult function and morphology in a sexually dimorphic neuromuscular system. <i>Developmental Neurobiology</i> , 2008, 68, 542-557.	3.0	18
20	Maternal care effects on SNB motoneuron development: The mediating role of sensory afferent distribution and activity. <i>Developmental Neurobiology</i> , 2009, 69, 603-615.	3.0	17
21	Microglia Regulate Cell Genesis in a Sex-dependent Manner in the Neonatal Hippocampus. <i>Neuroscience</i> , 2021, 453, 237-255.	2.3	12
22	Sex Differences in Neurodevelopmental Disorders: A Key Role for the Immune System. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 165-206.	1.7	10
23	Prenatal allergic inflammation in rats programs the developmental trajectory of dendritic spine patterning in brain regions associated with cognitive and social behavior. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 279-291.	4.1	8
24	Immune System Alterations and Postpartum Mental Illness: Evidence From Basic and Clinical Research. <i>Frontiers in Global Women S Health</i> , 2021, 2, 758748.	2.3	7