

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	1,083 citations	19 h-index	31 g-index
61 ext. papers	1,356 ext. citations	6.9 avg, IF	4.8 L-index

#	Paper	IF	Citations
55	Eating behavior and stress: a pathway to obesity. <i>Frontiers in Psychology</i> , 2014 , 5, 434	3.4	166
54	Microglia: Key players in neurodevelopment and neuronal plasticity. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 94, 56-60	5.6	65
53	Neonatal overfeeding alters hypothalamic microglial profiles and central responses to immune challenge long-term. <i>Brain, Behavior, and Immunity</i> , 2014 , 41, 32-43	16.6	52
52	Increased microglial activation in the rat brain following neonatal exposure to a bacterial mimetic. <i>Behavioural Brain Research</i> , 2012 , 226, 351-6	3.4	49
51	Functional programming of the autonomic nervous system by early life immune exposure: implications for anxiety. <i>PLoS ONE</i> , 2013 , 8, e57700	3.7	49
50	Transgenerational transmission of anxiety induced by neonatal exposure to lipopolysaccharide: implications for male and female germ lines. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1320-35	5	46
49	Neonatal immune challenge alters reproductive development in the female rat. <i>Hormones and Behavior</i> , 2012 , 62, 345-55	3.7	38
48	Neonatal lipopolysaccharide exposure impairs sexual development and reproductive success in the Wistar rat. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 674-84	16.6	38
47	Early life overfeeding impairs spatial memory performance by reducing microglial sensitivity to learning. <i>Journal of Neuroinflammation</i> , 2016 , 13, 112	10.1	37
46	Linking Stress and Infertility: A Novel Role for Ghrelin. <i>Endocrine Reviews</i> , 2017 , 38, 432-467	27.2	29
45	Conditional microglial depletion in rats leads to reversible anorexia and weight loss by disrupting gustatory circuitry. <i>Brain, Behavior, and Immunity</i> , 2019 , 77, 77-91	16.6	28
44	Neonatal overfeeding induces early decline of the ovarian reserve: Implications for the role of leptin. <i>Molecular and Cellular Endocrinology</i> , 2016 , 431, 24-35	4.4	27
43	High-fat diet worsens the impact of aging on microglial function and morphology in a region-specific manner. <i>Neurobiology of Aging</i> , 2019 , 74, 121-134	5.6	26
42	Diet, behavior and immunity across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 58, 46-62		23
41	One size does not fit all - Patterns of vulnerability and resilience in the COVID-19 pandemic and why heterogeneity of disease matters. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 1-3	16.6	23
40	Overfeeding during a critical postnatal period exacerbates hypothalamic-pituitary-adrenal axis responses to immune challenge: a role for adrenal melanocortin 2 receptors. <i>Scientific Reports</i> , 2016 , 6, 21097	4.9	23
39	Neonatal lipopolysaccharide treatment has long-term effects on monoaminergic and cannabinoid receptors in the rat. <i>Synapse</i> , 2013 , 67, 290-9	2.4	23

38	Early life disruption to the ghrelin system with over-eating is resolved in adulthood in male rats. <i>Neuropharmacology</i> , 2017 , 113, 21-30	5.5	22
37	Metastatic-promoting effects of LPS: sexual dimorphism and mediation by catecholamines and prostaglandins. <i>Brain, Behavior, and Immunity</i> , 2009 , 23, 611-21	16.6	20
36	Hypothalamic effects of neonatal diet: reversible and only partially leptin dependent. <i>Journal of Endocrinology</i> , 2017 , 234, 41-56	4.7	18
35	Plasma IL-12 levels are suppressed in vivo by stress and surgery through endogenous release of glucocorticoids and prostaglandins but not catecholamines or opioids. <i>Psychoneuroendocrinology</i> , 2014 , 42, 11-23	5	18
34	Glial remodeling enhances short-term memory performance in Wistar rats. <i>Journal of Neuroinflammation</i> , 2020 , 17, 52	10.1	17
33	Immune regulation of ovarian development: programming by neonatal immune challenge. <i>Frontiers in Neuroscience</i> , 2013 , 7, 100	5.1	17
32	Microglia depletion fails to abrogate inflammation-induced sickness in mice and rats. <i>Journal of Neuroinflammation</i> , 2020 , 17, 172	10.1	16
31	Increased hypothalamic microglial activation after viral-induced pneumococcal lung infection is associated with excess serum amyloid A production. <i>Journal of Neuroinflammation</i> , 2018 , 15, 200	10.1	16
30	Neonatal immune activation depletes the ovarian follicle reserve and alters ovarian acute inflammatory mediators in neonatal rats. <i>Biology of Reproduction</i> , 2017 , 97, 719-730	3.9	16
29	In vivo suppression of plasma IL-12 levels by acute and chronic stress paradigms: potential mediating mechanisms and sex differences. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 996-1005	16.6	16
28	The sustained phase of tyrosine hydroxylase activation in vivo. <i>Neurochemical Research</i> , 2012 , 37, 1938-43	4.6	14
27	Neonatal overfeeding disrupts pituitary ghrelin signalling in female rats long-term; Implications for the stress response. <i>PLoS ONE</i> , 2017 , 12, e0173498	3.7	13
26	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. <i>Hippocampus</i> , 2016 , 26, 1435-1446	3.5	11
25	Factors in Early-Life Programming of Reproductive Fitness. <i>Neuroendocrinology</i> , 2015 , 102, 216-25	5.6	10
24	Acylated Ghrelin Supports the Ovarian Transcriptome and Follicles in the Mouse: Implications for Fertility. <i>Frontiers in Endocrinology</i> , 2018 , 9, 815	5.7	9
23	Hormonal and nutritional regulation of postnatal hypothalamic development. <i>Journal of Endocrinology</i> , 2018 , 237, R47-R64	4.7	9
22	Microglial ablation in rats disrupts the circadian system. <i>FASEB Journal</i> , 2021 , 35, e21195	0.9	9
21	Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. <i>Scientific Reports</i> , 2017 , 7, 40475	4.9	8

20	Neonatal overfeeding by small-litter rearing sensitises hippocampal microglial responses to immune challenge: Reversal with neonatal repeated injections of saline or minocycline. <i>Journal of Neuroendocrinology</i> , 2017 , 29, e12540	3.8	8
19	Obesity after neonatal overfeeding is independent of hypothalamic microgliosis. <i>Journal of Neuroendocrinology</i> , 2019 , 31, e12757	3.8	8
18	Hyperleptinemia in Neonatally Overfed Female Rats Does Not Dysregulate Feeding Circuitry. <i>Frontiers in Endocrinology</i> , 2017 , 8, 287	5.7	8
17	Acylated ghrelin suppresses the cytokine response to lipopolysaccharide and does so independently of the hypothalamic-pituitary-adrenal axis. <i>Brain, Behavior, and Immunity</i> , 2018 , 74, 86-95	16.6	7
16	Reducing resistance to diabetes treatment using short narrative interventions. <i>Family Practice</i> , 2010 , 27, 192-7	1.9	6
15	Chronic predator stress in female mice reduces primordial follicle numbers: implications for the role of ghrelin. <i>Journal of Endocrinology</i> , 2019 , 241, 201-219	4.7	6
14	Microglial regulation of satiety and cognition. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12838	3.8	6
13	Neonatal overfeeding increases capacity for catecholamine biosynthesis from the adrenal gland acutely and long-term in the male rat. <i>Molecular and Cellular Endocrinology</i> , 2018 , 470, 295-303	4.4	6
12	The role of microglia in the second and third postnatal weeks of life in rat hippocampal development and memory. <i>Brain, Behavior, and Immunity</i> , 2020 , 88, 675-687	16.6	5
11	Oral Immune Activation by Disgust and Disease-Related Pictures. <i>Journal of Psychophysiology</i> , 2015 , 29, 119-129	1	5
10	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 669-678	11.5	3
9	Maternal diet before and during pregnancy modulates microglial activation and neurogenesis in the postpartum rat brain. <i>Brain, Behavior, and Immunity</i> , 2021 , 98, 185-197	16.6	3
8	High Maternal Omega-3 Supplementation Dysregulates Body Weight and Leptin in Newborn Male and Female Rats: Implications for Hypothalamic Developmental Programming. <i>Nutrients</i> , 2020 , 13,	6.7	2
7	Neuroimmune regulation of female reproduction in health and disease. <i>Current Opinion in Behavioral Sciences</i> , 2019 , 28, 8-13	4	1
6	Ovarian follicles are resistant to monocyte perturbations-implications for ovarian health with immune disruption. <i>Biology of Reproduction</i> , 2021 , 105, 100-112	3.9	1
5	Expanding the focus on female brain and behaviour. <i>Brain, Behavior, and Immunity</i> , 2020 , 90, 1-2	16.6	0
4	Monocyte perturbation modulates the ovarian response to an immune challenge. <i>Molecular and Cellular Endocrinology</i> , 2021 , 536, 111418	4.4	0
3	Inflammation and Nitro-oxidative Stress as Drivers of Endocannabinoid System Aberrations in Mood Disorders and Schizophrenia.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	0

2 Predicting Health: The Role of the Early-Life Environment **2013**, 266-295

1 The Role of Early Life Programming in Vulnerability and Resilience in Relation to HIV **2017**, 229-256