Luba Sominsky

List of Publications by Year
in descending order

59	1,586	304743	330143
papers	citations	22 h-index	37 g-index

61	61	61	2098
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inflammation and Nitro-oxidative Stress as Drivers of Endocannabinoid System Aberrations in Mood Disorders and Schizophrenia. Molecular Neurobiology, 2022, 59, 3485-3503.	4.0	19
2	Long-term role of neonatal microglia and monocytes in ovarian health. Journal of Endocrinology, 2022, 254, 103-119.	2.6	1
3	Microglial ablation in rats disrupts the circadian system. FASEB Journal, 2021, 35, e21195.	0.5	30
4	Ovarian follicles are resistant to monocyte perturbationsâ€"implications for ovarian health with immune disruption. Biology of Reproduction, 2021, 105, 100-112.	2.7	8
5	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	2.9	55
6	Monocyte perturbation modulates the ovarian response to an immune challenge. Molecular and Cellular Endocrinology, 2021, 536, 111418.	3.2	3
7	Maternal diet before and during pregnancy modulates microglial activation and neurogenesis in the postpartum rat brain. Brain, Behavior, and Immunity, 2021, 98, 185-197.	4.1	12
8	High Maternal Omega-3 Supplementation Dysregulates Body Weight and Leptin in Newborn Male and Female Rats: Implications for Hypothalamic Developmental Programming. Nutrients, 2021, 13, 89.	4.1	5
9	Microglial regulation of satiety and cognition. Journal of Neuroendocrinology, 2020, 32, e12838.	2.6	18
10	Expanding the focus on female brain and behaviour. Brain, Behavior, and Immunity, 2020, 90, 1-2.	4.1	1
11	The role of microglia in the second and third postnatal weeks of life in rat hippocampal development and memory. Brain, Behavior, and Immunity, 2020, 88, 675-687.	4.1	12
12	Microglia depletion fails to abrogate inflammation-induced sickness in mice and rats. Journal of Neuroinflammation, 2020, 17, 172.	7.2	42
13	One size does not fit all â€“ Patterns of vulnerability and resilience in the COVID-19 pandemic and why heterogeneity of disease matters. Brain, Behavior, and Immunity, 2020, 87, 1-3.	4.1	36
14	Glial remodeling enhances short-term memory performance in Wistar rats. Journal of Neuroinflammation, 2020, 17, 52.	7.2	33
15	Obesity after neonatal overfeeding is independent of hypothalamic microgliosis. Journal of Neuroendocrinology, 2019, 31, e12757.	2.6	11
16	Neuroimmune regulation of female reproduction in health and disease. Current Opinion in Behavioral Sciences, 2019, 28, 8-13.	3.9	1
17	Conditional microglial depletion in rats leads to reversible anorexia and weight loss by disrupting gustatory circuitry. Brain, Behavior, and Immunity, 2019, 77, 77-91.	4.1	44
18	High-fat diet worsens the impact of aging on microglial function and morphology in a region-specific manner. Neurobiology of Aging, 2019, 74, 121-134.	3.1	52

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19	Chronic predator stress in female mice reduces primordial follicle numbers: implications for the role of ghrelin. Journal of Endocrinology, 2019, 241, 201-219.	2.6	10
20	Effects of exercise on adolescent and adult hypothalamic andÂhippocampal neuroinflammation. Hippocampus, 2018, 28, 312-312.	1.9	0
21	Hormonal and nutritional regulation of postnatal hypothalamic development. Journal of Endocrinology, 2018, 237, R47-R64.	2.6	18
22	Neonatal overfeeding increases capacity for catecholamine biosynthesis from the adrenal gland acutely and long-term in the male rat. Molecular and Cellular Endocrinology, 2018, 470, 295-303.	3.2	7
23	Microglia: Key players in neurodevelopment and neuronal plasticity. International Journal of Biochemistry and Cell Biology, 2018, 94, 56-60.	2.8	104
24	How Food Can Change a Babyâ€™s Brain. Frontiers for Young Minds, 2018, 6, .	0.8	0
25	Acylated ghrelin suppresses the cytokine response to lipopolysaccharide and does so independently of the hypothalamic-pituitary-adrenal axis. Brain, Behavior, and Immunity, 2018, 74, 86-95.	4.1	12
26	Increased hypothalamic microglial activation after viral-induced pneumococcal lung infection is associated with excess serum amyloid A production. Journal of Neuroinflammation, 2018, 15, 200.	7.2	19
27	Acylated Ghrelin Supports the Ovarian Transcriptome and Follicles in the Mouse: Implications for Fertility. Frontiers in Endocrinology, 2018, 9, 815.	3.5	15
28	Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. Scientific Reports, 2017, 7, 40475.	3.3	8
29	Hypothalamic effects of neonatal diet: reversible and only partially leptin dependent. Journal of Endocrinology, 2017, 234, 41-56.	2.6	22
30	Neonatal overfeeding by smallâ€litter rearing sensitises hippocampal microglial responses to immune challenge: Reversal with neonatal repeated injections of saline or minocycline. Journal of Neuroendocrinology, 2017, 29, e12540.	2.6	10
31	Linking Stress and Infertility: A Novel Role for Ghrelin. Endocrine Reviews, 2017, 38, 432-467.	20.1	47
32	Early life disruption to the ghrelin system with over-eating is resolved in adulthood in male rats. Neuropharmacology, 2017, 113, 21-30.	4.1	23
33	Neonatal immune activation depletes the ovarian follicle reserve and alters ovarian acute inflammatory mediators in neonatal ratsâ€. Biology of Reproduction, 2017, 97, 719-730.	2.7	26
34	Hyperleptinemia in Neonatally Overfed Female Rats Does Not Dysregulate Feeding Circuitry. Frontiers in Endocrinology, 2017, 8, 287.	3.5	10
35	Neonatal overfeeding disrupts pituitary ghrelin signalling in female rats long-term; Implications for the stress response. PLoS ONE, 2017, 12, e0173498.	2.5	13
36	The Role of Early Life Programming in Vulnerability and Resilience in Relation to HIV. , 2017, , 229-256.		0

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37	Neonatal overfeeding induces early decline of the ovarian reserve: Implications for the role of leptin. Molecular and Cellular Endocrinology, 2016, 431, 24-35.	3.2	39
38	Early life overfeeding impairs spatial memory performance by reducing microglial sensitivity to learning. Journal of Neuroinflammation, 2016, 13, 112.	7.2	44
39	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. Hippocampus, 2016, 26, 1435-1446.	1.9	22
40	Overfeeding during a critical postnatal period exacerbates hypothalamic-pituitary-adrenal axis responses to immune challenge: a role for adrenal melanocortin 2 receptors. Scientific Reports, 2016, 6, 21097.	3.3	24
41	Delayed Spatial Win-shift Test on Radial Arm Maze. Bio-protocol, 2016, 6, .	0.4	2
42	Editorial: Neuroinflammation and behavior. Frontiers in Neuroscience, 2015, 9, 201.	2.8	7
43	Factors in Early-Life Programming of Reproductive Fitness. Neuroendocrinology, 2015, 102, 216-225.	2.5	10
44	Diet, behavior and immunity across the lifespan. Neuroscience and Biobehavioral Reviews, 2015, 58, 46-62.	6.1	26
45	Oral Immune Activation by Disgust and Disease-Related Pictures. Journal of Psychophysiology, 2015, 29, 119-129.	0.7	10
46	Eating behavior and stress: a pathway to obesity. Frontiers in Psychology, 2014, 5, 434.	2.1	221
47	Neonatal overfeeding alters hypothalamic microglial profiles and central responses to immune challenge long-term. Brain, Behavior, and Immunity, 2014, 41, 32-43.	4.1	63
48	Plasma IL-12 levels are suppressed in vivo by stress and surgery through endogenous release of glucocorticoids and prostaglandins but not catecholamines or opioids. Psychoneuroendocrinology, 2014, 42, 11-23.	2.7	20
49	Neonatal lipopolysaccharide treatment has longâ€term effects on monoaminergic and cannabinoid receptors in the rat. Synapse, 2013, 67, 290-299.	1.2	25
50	Immune regulation of ovarian development: programming by neonatal immune challenge. Frontiers in Neuroscience, 2013, 7, 100.	2.8	20
51	Functional Programming of the Autonomic Nervous System by Early Life Immune Exposure: Implications for Anxiety. PLoS ONE, 2013, 8, e57700.	2.5	54
52	Neonatal immune challenge alters reproductive development in the female rat. Hormones and Behavior, 2012, 62, 345-355.	2.1	50
53	Increased microglial activation in the rat brain following neonatal exposure to a bacterial mimetic. Behavioural Brain Research, 2012, 226, 351-356.	2.2	58
54	In vivo suppression of plasma IL-12 levels by acute and chronic stress paradigms: Potential mediating mechanisms and sex differences. Brain, Behavior, and Immunity, 2012, 26, 996-1005.	4.1	19

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55	The Sustained Phase of Tyrosine Hydroxylase Activation In vivo. Neurochemical Research, 2012, 37, 1938-1943.	3.3	17
56	Transgenerational transmission of anxiety induced by neonatal exposure to lipopolysaccharide: Implications for male and female germ lines. Psychoneuroendocrinology, 2012, 37, 1320-1335.	2.7	53
57	Neonatal lipopolysaccharide exposure impairs sexual development and reproductive success in the Wistar rat. Brain, Behavior, and Immunity, 2011, 25, 674-684.	4.1	47
58	Reducing resistance to diabetes treatment using short narrative interventions. Family Practice, 2010, 27, 192-197.	1.9	6
59	Metastatic-promoting effects of LPS: Sexual dimorphism and mediation by catecholamines and prostaglandins. Brain, Behavior, and Immunity, 2009, 23, 611-621.	4.1	21