Luba Sominsky

List of Publications by Year in Descending Order

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	Inflammation and Nitro-oxidative Stress as Drivers of Endocannabinoid System Aberrations in Mood Disorders and Schizophrenia.. *Molecular Neurobiology*, **2022**, 1	6.2	0
54	Microglial ablation in rats disrupts the circadian system. *FASEB Journal*, **2021**, 35, e21195	0.9	9
53	Ovarian follicles are resistant to monocyte perturbations-implications for ovarian health with immune disruption *Biology of Reproduction*, **2021**, 105, 100-112	3.9	1
52	The maternal gut microbiome during pregnancy and offspring allergy and asthma. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 669-678	11.5	3
51	Monocyte perturbation modulates the ovarian response to an immune challenge. *Molecular and Cellular Endocrinology*, **2021**, 536, 111418	4.4	0
50	Maternal diet before and during pregnancy modulates microglial activation and neurogenesis in the postpartum rat brain. *Brain, Behavior, and Immunity*, **2021**, 98, 185-197	16.6	3
49	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	16.6	5
48	Microglia depletion fails to abrogate inflammation-induced sickness in mice and rats. *Journal of Neuroinflammation*, **2020**, 17, 172	10.1	16
47	One size does not fit all - Patterns of vulnerability and resilience in the COVID-19 pandemic and why heterogeneity of disease matters. *Brain, Behavior, and Immunity*, **2020**, 87, 1-3	16.6	23
46	Glial remodeling enhances short-term memory performance in Wistar rats. *Journal of Neuroinflammation*, **2020**, 17, 52	10.1	17
45	High Maternal Omega-3 Supplementation Dysregulates Body Weight and Leptin in Newborn Male and Female Rats: Implications for Hypothalamic Developmental Programming. *Nutrients*, **2020**, 13,	6.7	2
44	Microglial regulation of satiety and cognition. *Journal of Neuroendocrinology*, **2020**, 32, e12838	3.8	6
43	Expanding the focus on female brain and behaviour. *Brain, Behavior, and Immunity*, **2020**, 90, 1-2	16.6	0
42	Obesity after neonatal overfeeding is independent of hypothalamic microgliosis. *Journal of Neuroendocrinology*, **2019**, 31, e12757	3.8	8
41	Neuroimmune regulation of female reproduction in health and disease. *Current Opinion in Behavioral Sciences*, **2019**, 28, 8-13	4	1
40	Chronic predator stress in female mice reduces primordial follicle numbers: implications for the role of ghrelin. *Journal of Endocrinology*, **2019**, 241, 201-219	4.7	6
39	Conditional microglial depletion in rats leads to reversible anorexia and weight loss by disrupting gustatory circuitry. *Brain, Behavior, and Immunity*, **2019**, 77, 77-91	16.6	28

38	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	5.6	26
37	Acylated Ghrelin Supports the Ovarian Transcriptome and Follicles in the Mouse: Implications for Fertility. *Frontiers in Endocrinology*, **2018**, 9, 815	5.7	9
36	Hormonal and nutritional regulation of postnatal hypothalamic development. *Journal of Endocrinology*, **2018**, 237, R47-R64	4.7	9
35	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	16.6	7
34	Increased hypothalamic microglial activation after viral-induced pneumococcal lung infection is associated with excess serum amyloid A production. *Journal of Neuroinflammation*, **2018**, 15, 200	10.1	16
33	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	4.4	6
32	Microglia: Key players in neurodevelopment and neuronal plasticity. *International Journal of Biochemistry and Cell Biology*, **2018**, 94, 56-60	5.6	65
31	Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. *Scientific Reports*, **2017**, 7, 40475	4.9	8
30	Hypothalamic effects of neonatal diet: reversible and only partially leptin dependent. *Journal of Endocrinology*, **2017**, 234, 41-56	4.7	18
29	Neonatal overfeeding by small-litter rearing sensitises hippocampal microglial responses to immune challenge: Reversal with neonatal repeated injections of saline or minocycline. *Journal of Neuroendocrinology*, **2017**, 29, e12540	3.8	8
28	Linking Stress and Infertility: A Novel Role for Ghrelin. *Endocrine Reviews*, **2017**, 38, 432-467	27.2	29
27	Early life disruption to the ghrelin system with over-eating is resolved in adulthood in male rats. *Neuropharmacology*, **2017**, 113, 21-30	5.5	22
26	Neonatal immune activation depletes the ovarian follicle reserve and alters ovarian acute inflammatory mediators in neonatal rats. *Biology of Reproduction*, **2017**, 97, 719-730	3.9	16
25	Hyperleptinemia in Neonatally Overfed Female Rats Does Not Dysregulate Feeding Circuitry. *Frontiers in Endocrinology*, **2017**, 8, 287	5.7	8
24	Neonatal overfeeding disrupts pituitary ghrelin signalling in female rats long-term; Implications for the stress response. *PLoS ONE*, **2017**, 12, e0173498	3.7	13
23	The Role of Early Life Programming in Vulnerability and Resilience in Relation to HIV **2017**, 229-256		
22	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. *Hippocampus*, **2016**, 26, 1435-1446	3.5	11
21	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	4.9	23

20	Neonatal overfeeding induces early decline of the ovarian reserve: Implications for the role of leptin. *Molecular and Cellular Endocrinology*, **2016**, 431, 24-35	4.4	27
19	Early life overfeeding impairs spatial memory performance by reducing microglial sensitivity to learning. *Journal of Neuroinflammation*, **2016**, 13, 112	10.1	37
18	Factors in Early-Life Programming of Reproductive Fitness. *Neuroendocrinology*, **2015**, 102, 216-25	5.6	10
17	Diet, behavior and immunity across the lifespan. *Neuroscience and Biobehavioral Reviews*, **2015**, 58, 46-62	9	23
16	Oral Immune Activation by Disgust and Disease-Related Pictures. *Journal of Psychophysiology*, **2015**, 29, 119-129	1	5
15	Neonatal overfeeding alters hypothalamic microglial profiles and central responses to immune challenge long-term. *Brain, Behavior, and Immunity*, **2014**, 41, 32-43	16.6	52
14	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	5	18
13	Eating behavior and stress: a pathway to obesity. *Frontiers in Psychology*, **2014**, 5, 434	3.4	166
12	Neonatal lipopolysaccharide treatment has long-term effects on monoaminergic and cannabinoid receptors in the rat. *Synapse*, **2013**, 67, 290-9	2.4	23
11	Immune regulation of ovarian development: programming by neonatal immune challenge. *Frontiers in Neuroscience*, **2013**, 7, 100	5.1	17
10	Predicting Health: The Role of the Early-Life Environment **2013**, 266-295		
9	Functional programming of the autonomic nervous system by early life immune exposure: implications for anxiety. *PLoS ONE*, **2013**, 8, e57700	3.7	49
8	Transgenerational transmission of anxiety induced by neonatal exposure to lipopolysaccharide: implications for male and female germ lines. *Psychoneuroendocrinology*, **2012**, 37, 1320-35	5	46
7	Neonatal immune challenge alters reproductive development in the female rat. *Hormones and Behavior*, **2012**, 62, 345-55	3.7	38
6	Increased microglial activation in the rat brain following neonatal exposure to a bacterial mimetic. *Behavioural Brain Research*, **2012**, 226, 351-6	3.4	49
5	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	16.6	16
4	The sustained phase of tyrosine hydroxylase activation in vivo. *Neurochemical Research*, **2012**, 37, 1938-43	4.6	14
3	Neonatal lipopolysaccharide exposure impairs sexual development and reproductive success in the Wistar rat. *Brain, Behavior, and Immunity*, **2011**, 25, 674-84	16.6	38

2	Reducing resistance to diabetes treatment using short narrative interventions. *Family Practice*, **2010**, 27, 192-7	1.9	6
1	Metastatic-promoting effects of LPS: sexual dimorphism and mediation by catecholamines and prostaglandins. *Brain, Behavior, and Immunity*, **2009**, 23, 611-21	16.6	20