

Luba Sominsky

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,586
citations

304743

22
h-index

330143

37
g-index

61
all docs

61
docs citations

61
times ranked

2098
citing authors

#	ARTICLE	IF	CITATIONS
1	Eating behavior and stress: a pathway to obesity. <i>Frontiers in Psychology</i> , 2014, 5, 434.	2.1	221
2	Microglia: Key players in neurodevelopment and neuronal plasticity. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 94, 56-60.	2.8	104
3	Neonatal overfeeding alters hypothalamic microglial profiles and central responses to immune challenge long-term. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 32-43.	4.1	63
4	Increased microglial activation in the rat brain following neonatal exposure to a bacterial mimetic. <i>Behavioural Brain Research</i> , 2012, 226, 351-356.	2.2	58
5	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 669-678.	2.9	55
6	Functional Programming of the Autonomic Nervous System by Early Life Immune Exposure: Implications for Anxiety. <i>PLoS ONE</i> , 2013, 8, e57700.	2.5	54
7	Transgenerational transmission of anxiety induced by neonatal exposure to lipopolysaccharide: Implications for male and female germ lines. <i>Psychoneuroendocrinology</i> , 2012, 37, 1320-1335.	2.7	53
8	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.	3.1	52
9	Neonatal immune challenge alters reproductive development in the female rat. <i>Hormones and Behavior</i> , 2012, 62, 345-355.	2.1	50
10	Neonatal lipopolysaccharide exposure impairs sexual development and reproductive success in the Wistar rat. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 674-684.	4.1	47
11	Linking Stress and Infertility: A Novel Role for Ghrelin. <i>Endocrine Reviews</i> , 2017, 38, 432-467.	20.1	47
12	Early life overfeeding impairs spatial memory performance by reducing microglial sensitivity to learning. <i>Journal of Neuroinflammation</i> , 2016, 13, 112.	7.2	44
13	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.	4.1	44
14	Microglia depletion fails to abrogate inflammation-induced sickness in mice and rats. <i>Journal of Neuroinflammation</i> , 2020, 17, 172.	7.2	42
15	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.	3.2	39
16	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.	4.1	36
17	Glial remodeling enhances short-term memory performance in Wistar rats. <i>Journal of Neuroinflammation</i> , 2020, 17, 52.	7.2	33
18	Microglial ablation in rats disrupts the circadian system. <i>FASEB Journal</i> , 2021, 35, e21195.	0.5	30

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19	Diet, behavior and immunity across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 58, 46-62.	6.1	26
20	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.	2.7	26
21	Neonatal lipopolysaccharide treatment has long-term effects on monoaminergic and cannabinoid receptors in the rat. <i>Synapse</i> , 2013, 67, 290-299.	1.2	25
22	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.	3.3	24
23	Early life disruption to the ghrelin system with over-eating is resolved in adulthood in male rats. <i>Neuropharmacology</i> , 2017, 113, 21-30.	4.1	23
24	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. <i>Hippocampus</i> , 2016, 26, 1435-1446.	1.9	22
25	Hypothalamic effects of neonatal diet: reversible and only partially leptin dependent. <i>Journal of Endocrinology</i> , 2017, 234, 41-56.	2.6	22
26	Metastatic-promoting effects of LPS: Sexual dimorphism and mediation by catecholamines and prostaglandins. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 611-621.	4.1	21
27	Immune regulation of ovarian development: programming by neonatal immune challenge. <i>Frontiers in Neuroscience</i> , 2013, 7, 100.	2.8	20
28	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.	2.7	20
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.	4.1	19
30	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.	7.2	19
31	Inflammation and Nitro-oxidative Stress as Drivers of Endocannabinoid System Aberrations in Mood Disorders and Schizophrenia. <i>Molecular Neurobiology</i> , 2022, 59, 3485-3503.	4.0	19
32	Hormonal and nutritional regulation of postnatal hypothalamic development. <i>Journal of Endocrinology</i> , 2018, 237, R47-R64.	2.6	18
33	Microglial regulation of satiety and cognition. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12838.	2.6	18
34	The Sustained Phase of Tyrosine Hydroxylase Activation In vivo. <i>Neurochemical Research</i> , 2012, 37, 1938-1943.	3.3	17
35	Acylated Ghrelin Supports the Ovarian Transcriptome and Follicles in the Mouse: Implications for Fertility. <i>Frontiers in Endocrinology</i> , 2018, 9, 815.	3.5	15
36	Neonatal overfeeding disrupts pituitary ghrelin signalling in female rats long-term; Implications for the stress response. <i>PLoS ONE</i> , 2017, 12, e0173498.	2.5	13

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37	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.	4.1	12
38	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.	4.1	12
39	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.	4.1	12
40	Obesity after neonatal overfeeding is independent of hypothalamic microgliosis. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12757.	2.6	11
41	Factors in Early-Life Programming of Reproductive Fitness. <i>Neuroendocrinology</i> , 2015, 102, 216-225.	2.5	10
42	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.	2.6	10
43	Hyperleptinemia in Neonatally Overfed Female Rats Does Not Dysregulate Feeding Circuitry. <i>Frontiers in Endocrinology</i> , 2017, 8, 287.	3.5	10
44	Oral Immune Activation by Disgust and Disease-Related Pictures. <i>Journal of Psychophysiology</i> , 2015, 29, 119-129.	0.7	10
45	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.	2.6	10
46	Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. <i>Scientific Reports</i> , 2017, 7, 40475.	3.3	8
47	Ovarian follicles are resistant to monocyte perturbations—implications for ovarian health with immune disruption. <i>Biology of Reproduction</i> , 2021, 105, 100-112.	2.7	8
48	Editorial: Neuroinflammation and behavior. <i>Frontiers in Neuroscience</i> , 2015, 9, 201.	2.8	7
49	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.	3.2	7
50	Reducing resistance to diabetes treatment using short narrative interventions. <i>Family Practice</i> , 2010, 27, 192-197.	1.9	6
51	High Maternal Omega-3 Supplementation Dysregulates Body Weight and Leptin in Newborn Male and Female Rats: Implications for Hypothalamic Developmental Programming. <i>Nutrients</i> , 2021, 13, 89.	4.1	5
52	Monocyte perturbation modulates the ovarian response to an immune challenge. <i>Molecular and Cellular Endocrinology</i> , 2021, 536, 111418.	3.2	3
53	Delayed Spatial Win-shift Test on Radial Arm Maze. <i>Bio-protocol</i> , 2016, 6, .	0.4	2
54	Neuroimmune regulation of female reproduction in health and disease. <i>Current Opinion in Behavioral Sciences</i> , 2019, 28, 8-13.	3.9	1

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55	Expanding the focus on female brain and behaviour. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 1-2.	4.1	1
56	Long-term role of neonatal microglia and monocytes in ovarian health. <i>Journal of Endocrinology</i> , 2022, 254, 103-119.	2.6	1
57	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. <i>Hippocampus</i> , 2018, 28, 312-312.	1.9	0
58	How Food Can Change a Baby's Brain. <i>Frontiers for Young Minds</i> , 2018, 6, .	0.8	0
59	The Role of Early Life Programming in Vulnerability and Resilience in Relation to HIV. , 2017, , 229-256.		0