

Deborah m Hodgson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3124056/publications.pdf>

Version: 2024-02-01

72
papers

2,254
citations

201674

27
h-index

254184

43
g-index

73
all docs

73
docs citations

73
times ranked

2389
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal lipopolysaccharide and adult stress exposure predisposes rats to anxiety-like behaviour and blunted corticosterone responses: Implications for the double-hit hypothesis. <i>Psychoneuroendocrinology</i> , 2009, 34, 1515-1525.	2.7	135
2	Placental Cytokine Expression Covaries with Maternal Asthma Severity and Fetal Sex. <i>Journal of Immunology</i> , 2009, 182, 1411-1420.	0.8	117
3	Effects of immune activation during early or late gestation on schizophrenia-related behaviour in adult rat offspring. <i>Brain, Behavior, and Immunity</i> , 2017, 63, 8-20.	4.1	91
4	Endotoxin exposure in early life alters the development of anxiety-like behaviour in the Fischer 344 rat. <i>Behavioural Brain Research</i> , 2004, 154, 63-69.	2.2	88
5	A comparative study of cybersickness during exposure to virtual reality and "classic" motion sickness: are they different?. <i>Journal of Applied Physiology</i> , 2018, 125, 1670-1680.	2.5	88
6	Neonatal Endotoxin Exposure Influences HPA Responsivity and Impairs Tumor Immunity in Fischer 344 Rats in Adulthood. <i>Pediatric Research</i> , 2001, 50, 750-755.	2.3	84
7	Reduced febrile response to bacterial infection in anorexia nervosa patients. <i>International Journal of Eating Disorders</i> , 2003, 34, 269-272.	4.0	80
8	Effect of Maternal Probiotic Intervention on HPA Axis, Immunity and Gut Microbiota in a Rat Model of Irritable Bowel Syndrome. <i>PLoS ONE</i> , 2012, 7, e46051.	2.5	79
9	Mismatch Negativity (MMN) in Freely-Moving Rats with Several Experimental Controls. <i>PLoS ONE</i> , 2014, 9, e110892.	2.5	70
10	Disgust elevates core body temperature and up-regulates certain oral immune markers. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1160-1168.	4.1	63
11	Effects of visual flow direction on signs and symptoms of cybersickness. <i>PLoS ONE</i> , 2017, 12, e0182790.	2.5	60
12	Exercise reverses the effects of early life stress on orexin cell reactivity in male but not female rats. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 244.	2.0	58
13	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
14	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
15	Neonatal immune challenge alters reproductive development in the female rat. <i>Hormones and Behavior</i> , 2012, 62, 345-355.	2.1	50
16	Prenatal exposure to a pro-inflammatory stimulus causes delays in the development of the innate immune response to LPS in the offspring. <i>Journal of Neuroimmunology</i> , 2007, 190, 61-71.	2.3	48
17	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
18	Linking Stress and Infertility: A Novel Role for Ghrelin. <i>Endocrine Reviews</i> , 2017, 38, 432-467.	20.1	47

#	ARTICLE	IF	CITATIONS
19	Early life host-bacteria relations and development: Long-term individual differences in neuroimmune function following neonatal endotoxin challenge. <i>Physiology and Behavior</i> , 2006, 87, 126-134.	2.1	46
20	The effect of disgust on oral immune function. <i>Psychophysiology</i> , 2011, 48, 900-907.	2.4	46
21	Neonatal endotoxin exposure modifies the acoustic startle response and circulating levels of corticosterone in the adult rat but only following acute stress. <i>Journal of Psychiatric Research</i> , 2008, 42, 1094-1103.	3.1	44
22	Amygdala mediates respiratory responses to sudden arousing stimuli and to restraint stress in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R951-R959.	1.8	41
23	Synergistic Effect between Maternal Infection and Adolescent Cannabinoid Exposure on Serotonin 5HT _{1A} Receptor Binding in the Hippocampus: Testing the "Two Hit" Hypothesis for the Development of Schizophrenia. , 2012, 2012, 1-9.		37
24	Effects of Immune Activation during Early or Late Gestation on N-Methyl-d-Aspartate Receptor Measures in Adult Rat Offspring. <i>Frontiers in Psychiatry</i> , 2017, 8, 77.	2.6	34
25	A profile of the immediate endocrine, metabolic and behavioural responses following a dual exposure to endotoxin in early life. <i>Physiology and Behavior</i> , 2004, 83, 495-504.	2.1	31
26	Innate immune dysfunction in the neonatal rat following prenatal endotoxin exposure. <i>Journal of Neuroimmunology</i> , 2008, 204, 126-130.	2.3	30
27	Potential of tumor metastasis in adulthood by neonatal endotoxin exposure: sex differences. <i>Psychoneuroendocrinology</i> , 2002, 27, 791-804.	2.7	29
28	Response to LPS in female offspring from sows treated with cortisol during pregnancy. <i>Physiology and Behavior</i> , 2007, 90, 612-618.	2.1	28
29	Increased white matter neuron density in a rat model of maternal immune activation - Implications for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 118-126.	4.8	28
30	Cybersickness-related changes in brain hemodynamics: A pilot study comparing transcranial Doppler and near-infrared spectroscopy assessments during a virtual ride on a roller coaster. <i>Physiology and Behavior</i> , 2018, 191, 56-64.	2.1	27
31	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
32	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
33	Blockade of the dorsomedial hypothalamus and the perifornical area inhibits respiratory responses to arousing and stressful stimuli. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R816-R822.	1.8	25
34	Individual differences in glucose homeostasis: Do our early life interactions with bacteria matter?. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 401-409.	4.1	24
35	Altered nociceptive, endocrine, and dorsal horn neuron responses in rats following a neonatal immune challenge. <i>Psychoneuroendocrinology</i> , 2014, 41, 1-12.	2.7	22
36	Increased complement component 4 (C4) gene expression in the cingulate cortex of rats exposed to late gestation immune activation. <i>Schizophrenia Research</i> , 2018, 199, 442-444.	2.0	21

#	ARTICLE	IF	CITATIONS
37	Intracerebral interleukin-1 β impairs response to tumor invasion: involvement of adrenal catecholamines. <i>Brain Research</i> , 1999, 816, 200-208.	2.2	20
38	Neonatal bacterial endotoxin challenge interacts with stress in the adult male rat to modify KLH specific antibody production but not KLH stimulated ex vivo cytokine release. <i>Journal of Neuroimmunology</i> , 2009, 207, 57-65.	2.3	20
39	Immune regulation of ovarian development: programming by neonatal immune challenge. <i>Frontiers in Neuroscience</i> , 2013, 7, 100.	2.8	20
40	Altered Formalin-Induced Pain and Fos Induction in the Periaqueductal Grey of Preadolescent Rats following Neonatal LPS Exposure. <i>PLoS ONE</i> , 2014, 9, e98382.	2.5	20
41	Effects of prenatal stress on behavioural and neurodevelopmental outcomes are altered by maternal separation in the neonatal period. <i>Psychoneuroendocrinology</i> , 2021, 124, 105060.	2.7	18
42	The Sustained Phase of Tyrosine Hydroxylase Activation In vivo. <i>Neurochemical Research</i> , 2012, 37, 1938-1943.	3.3	17
43	Programming of formalin-induced nociception by neonatal LPS exposure: Maintenance by peripheral and central neuroimmune activity. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 235-246.	4.1	17
44	Intracerebral HIV glycoprotein (gp120) enhances tumor metastasis via centrally released interleukin-1. <i>Brain Research</i> , 1998, 781, 244-251.	2.2	16
45	Prenatal endotoxin exposure alters behavioural pain responses to lipopolysaccharide in adult offspring. <i>Physiology and Behavior</i> , 2010, 100, 143-147.	2.1	15
46	Low Formalin Concentrations Induce Fine-Tuned Responses That Are Sex and Age-Dependent: A Developmental Study. <i>PLoS ONE</i> , 2013, 8, e53384.	2.5	13
47	Prophylactic Role for Complementary and Alternative Medicine in Perinatal Programming of Adult Health. <i>Complementary Medicine Research</i> , 2007, 14, 92-101.	1.2	12
48	Repetition suppression of the rat auditory evoked potential at brief stimulus intervals. <i>Brain Research</i> , 2013, 1498, 59-68.	2.2	11
49	Recruitment of hypothalamic orexin neurons after formalin injections in adult male rats exposed to a neonatal immune challenge. <i>Frontiers in Neuroscience</i> , 2015, 9, 65.	2.8	11
50	Late gestation immune activation increases IBA1-positive immunoreactivity levels in the corpus callosum of adult rat offspring. <i>Psychiatry Research</i> , 2018, 266, 175-185.	3.3	11
51	Adolescent cannabinoid exposure interacts with other risk factors in schizophrenia: A review of the evidence from animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 202-220.	6.1	11
52	Effect of Immune Activation during Early Gestation or Late Gestation on Inhibitory Markers in Adult Male Rats. <i>Scientific Reports</i> , 2020, 10, 1982.	3.3	11
53	Investigating the gut-brain axis in a neurodevelopmental rodent model of schizophrenia. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 3, 100048.	2.5	11
54	Modelling prenatal bacterial infection: Functional consequences of altered hypothalamic pituitary adrenal axis development. <i>Behavioural Brain Research</i> , 2007, 178, 108-114.	2.2	10

#	ARTICLE	IF	CITATIONS
55	Factors in Early-Life Programming of Reproductive Fitness. <i>Neuroendocrinology</i> , 2015, 102, 216-225.	2.5	10
56	Oral Immune Activation by Disgust and Disease-Related Pictures. <i>Journal of Psychophysiology</i> , 2015, 29, 119-129.	0.7	10
57	Microinjection of thyrotropin-releasing hormone analogue into the central nucleus of the amygdala stimulates gastric contractility in rats. <i>Brain Research</i> , 1996, 735, 141-148.	2.2	9
58	Effect of Acute Dietary Restriction on the Colonization of MADB106 Tumor Cells in the Rat. <i>NeuroImmunoModulation</i> , 1996, 3, 371-380.	1.8	8
59	Lysosphingomyelin prevents behavioral aberrations and hippocampal neuron loss induced by the metabotropic glutamate receptor agonist quisqualate. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1999, 23, 877-892.	4.8	8
60	Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. <i>Scientific Reports</i> , 2017, 7, 40475.	3.3	8
61	Reduced cortical somatostatin gene expression in a rat model of maternal immune activation. <i>Psychiatry Research</i> , 2019, 282, 112621.	3.3	8
62	Editorial: Neuroinflammation and behavior. <i>Frontiers in Neuroscience</i> , 2015, 9, 201.	2.8	7
63	Excitability of Rat Superficial Dorsal Horn Neurons Following a Neonatal Immune Challenge. <i>Frontiers in Neurology</i> , 2018, 9, 743.	2.4	7
64	Stress, microbiota, and immunity. <i>Current Opinion in Behavioral Sciences</i> , 2019, 28, 66-71.	3.9	7
65	Do rat auditory event related potentials exhibit human mismatch negativity attributes related to predictive coding?. <i>Hearing Research</i> , 2021, 399, 107992.	2.0	7
66	Neurosteroid-based intervention using Ganaxolone and Emapunil for improving stress-induced myelination deficits and neurobehavioural disorders. <i>Psychoneuroendocrinology</i> , 2021, 133, 105423.	2.7	6
67	Evaluating changes in GABAergic and glutamatergic pathways in early life following prenatal stress and postnatal neurosteroid supplementation. <i>Psychoneuroendocrinology</i> , 2022, 139, 105705.	2.7	6
68	Chronic dietary restriction influences tumor metastasis in the rat: Parametric considerations. <i>Nutrition and Cancer</i> , 1997, 28, 189-198.	2.0	5
69	Intracerebroventricular interleukin-1 β impairs clearance of tumor cells from the lungs: role of brain prostaglandins. <i>Journal of Neuroimmunology</i> , 2001, 119, 57-63.	2.3	3
70	A Rodent Model of Anxiety: The Effect of Perinatal Immune Challenges on Gastrointestinal Inflammation and Integrity. <i>NeuroImmunoModulation</i> , 2018, 25, 163-175.	1.8	3
71	Design, rationale and feasibility of a multidimensional experimental protocol to study early life stress. <i>Contemporary Clinical Trials Communications</i> , 2017, 7, 33-43.	1.1	2
72	The Role of Early Life Programming in Vulnerability and Resilience in Relation to HIV. , 2017, , 229-256.		0