Deborah m Hodgson

List of Publications by Year
in descending order

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	Evaluating changes in GABAergic and glutamatergic pathways in early life following prenatal stress and postnatal neurosteroid supplementation. Psychoneuroendocrinology, 2022, 139, 105705.	2.7	6
2	Do rat auditory event related potentials exhibit human mismatch negativity attributes related to predictive coding?. Hearing Research, 2021, 399, 107992.	2.0	7
3	Effects of prenatal stress on behavioural and neurodevelopmental outcomes are altered by maternal separation in the neonatal period. Psychoneuroendocrinology, 2021, 124, 105060.	2.7	18
4	Neurosteroid-based intervention using Ganaxolone and Emapunil for improving stress-induced myelination deficits and neurobehavioural disorders. Psychoneuroendocrinology, 2021, 133, 105423.	2.7	6
5	Adolescent cannabinoid exposure interacts with other risk factors in schizophrenia: A review of the evidence from animal models. Neuroscience and Biobehavioral Reviews, 2020, 116, 202-220.	6.1	11
6	Effect of Immune Activation during Early Gestation or Late Gestation on Inhibitory Markers in Adult Male Rats. Scientific Reports, 2020, 10, 1982.	3.3	11
7	Investigating the gut-brain axis in a neurodevelopmental rodent model of schizophrenia. Brain, Behavior, & Immunity - Health, 2020, 3, 100048.	2.5	11
8	Reduced cortical somatostatin gene expression in a rat model of maternal immune activation. Psychiatry Research, 2019, 282, 112621.	3.3	8
9	Stress, microbiota, and immunity. Current Opinion in Behavioral Sciences, 2019, 28, 66-71.	3.9	7
10	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. Physiology and Behavior, 2018, 191, 56-64.	2.1	27
11	Increased complement component 4 (C4) gene expression in the cingulate cortex of rats exposed to late gestation immune activation. Schizophrenia Research, 2018, 199, 442-444.	2.0	21
12	A Rodent Model of Anxiety: The Effect of Perinatal Immune Challenges on Gastrointestinal Inflammation and Integrity. NeuroImmunoModulation, 2018, 25, 163-175.	1.8	3
13	A comparative study of cybersickness during exposure to virtual reality and â€œclassicâ€•motion sickness: are they different?. Journal of Applied Physiology, 2018, 125, 1670-1680.	2.5	88
14	Excitability of Rat Superficial Dorsal Horn Neurons Following a Neonatal Immune Challenge. Frontiers in Neurology, 2018, 9, 743.	2.4	7
15	Late gestation immune activation increases IBA1-positive immunoreactivity levels in the corpus callosum of adult rat offspring. Psychiatry Research, 2018, 266, 175-185.	3.3	11
16	Early life peripheral lipopolysaccharide challenge reprograms catecholaminergic neurons. Scientific Reports, 2017, 7, 40475.	3.3	8
17	Design, rationale and feasibility of a multidimensional experimental protocol to study early life stress. Contemporary Clinical Trials Communications, 2017, 7, 33-43.	1.1	2
18	Linking Stress and Infertility: A Novel Role for Ghrelin. Endocrine Reviews, 2017, 38, 432-467.	20.1	47

#	Article	IF	Citations
19	Effects of immune activation during early or late gestation on schizophrenia-related behaviour in adult rat offspring. Brain, Behavior, and Immunity, 2017, 63, 8-20.	4.1	91
20	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
21	Effects of Immune Activation during Early or Late Gestation on N-Methyl-d-Aspartate Receptor Measures in Adult Rat Offspring. Frontiers in Psychiatry, 2017, 8, 77.	2.6	34
22	Effects of visual flow direction on signs and symptoms of cybersickness. PLoS ONE, 2017, 12, e0182790.	2.5	60
23	The Role of Early Life Programming in Vulnerability and Resilience in Relation to HIV. , 2017, , 229-256.		0
24	Increased white matter neuron density in a rat model of maternal immune activation â€" Implications for schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 65, 118-126.	4.8	28
25	Recruitment of hypothalamic orexin neurons after formalin injections in adult male rats exposed to a neonatal immune challenge. Frontiers in Neuroscience, 2015, 9, 65.	2.8	11
26	Editorial: Neuroinflammation and behavior. Frontiers in Neuroscience, 2015, 9, 201.	2.8	7
27	Factors in Early-Life Programming of Reproductive Fitness. Neuroendocrinology, 2015, 102, 216-225.	2.5	10
28	Blockade of the dorsomedial hypothalamus and the perifornical area inhibits respiratory responses to arousing and stressful stimuli. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R816-R822.	1.8	25
29	Programming of formalin-induced nociception by neonatal LPS exposure: Maintenance by peripheral and central neuroimmune activity. Brain, Behavior, and Immunity, 2015, 44, 235-246.	4.1	17
30	Oral Immune Activation by Disgust and Disease-Related Pictures. Journal of Psychophysiology, 2015, 29, 119-129.	0.7	10
31	Altered Formalin-Induced Pain and Fos Induction in the Periaqueductal Grey of Preadolescent Rats following Neonatal LPS Exposure. PLoS ONE, 2014, 9, e98382.	2.5	20
32	Mismatch Negativity (MMN) in Freely-Moving Rats with Several Experimental Controls. PLoS ONE, 2014, 9, e110892.	2.5	70
33	Exercise reverses the effects of early life stress on orexin cell reactivity in male but not female rats. Frontiers in Behavioral Neuroscience, 2014, 8, 244.	2.0	58
34	Amygdala mediates respiratory responses to sudden arousing stimuli and to restraint stress in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R951-R959.	1.8	41
35	Altered nociceptive, endocrine, and dorsal horn neuron responses in rats following a neonatal immune challenge. Psychoneuroendocrinology, 2014, 41, 1-12.	2.7	22
36	Repetition suppression of the rat auditory evoked potential at brief stimulus intervals. Brain Research, 2013, 1498, 59-68.	2.2	11

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37	Neonatal lipopolysaccharide treatment has longâ€term effects on monoaminergic and cannabinoid receptors in the rat. Synapse, 2013, 67, 290-299.	1.2	25
38	Immune regulation of ovarian development: programming by neonatal immune challenge. Frontiers in Neuroscience, 2013, 7, 100.	2.8	20
39	Low Formalin Concentrations Induce Fine-Tuned Responses That Are Sex and Age-Dependent: A Developmental Study. PLoS ONE, 2013, 8, e53384.	2.5	13
40	Functional Programming of the Autonomic Nervous System by Early Life Immune Exposure: Implications for Anxiety. PLoS ONE, 2013, 8, e57700.	2.5	54
41	Synergistic Effect between Maternal Infection and Adolescent Cannabinoid Exposure on Serotonin 5HT_{1A} Receptor Binding in the Hippocampus: Testing the â€œTwo Hitâ€•Hypothesis for the Development of Schizophrenia. , 2012, 2012, 1-9.		37
42	Neonatal immune challenge alters reproductive development in the female rat. Hormones and Behavior, 2012, 62, 345-355.	2.1	50
43	Disgust elevates core body temperature and up-regulates certain oral immune markers. Brain, Behavior, and Immunity, 2012, 26, 1160-1168.	4.1	63
44	The Sustained Phase of Tyrosine Hydroxylase Activation In vivo. Neurochemical Research, 2012, 37, 1938-1943.	3.3	17
45	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
46	Effect of Maternal Probiotic Intervention on HPA Axis, Immunity and Gut Microbiota in a Rat Model of Irritable Bowel Syndrome. PLoS ONE, 2012, 7, e46051.	2.5	79
47	Neonatal lipopolysaccharide exposure impairs sexual development and reproductive success in the Wistar rat. Brain, Behavior, and Immunity, 2011, 25, 674-684.	4.1	47
48	The effect of disgust on oral immune function. Psychophysiology, 2011, 48, 900-907.	2.4	46
49	Prenatal endotoxin exposure alters behavioural pain responses to lipopolysaccharide in adult offspring. Physiology and Behavior, 2010, 100, 143-147.	2.1	15
50	Placental Cytokine Expression Covaries with Maternal Asthma Severity and Fetal Sex. Journal of Immunology, 2009, 182, 1411-1420.	0.8	117
51	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. Journal of Neuroimmunology, 2009, 207, 57-65.	2.3	20
52	Neonatal lipopolysaccharide and adult stress exposure predisposes rats to anxiety-like behaviour and blunted corticosterone responses: Implications for the double-hit hypothesis. Psychoneuroendocrinology, 2009, 34, 1515-1525.	2.7	135
53	Innate immune dysfunction in the neonatal rat following prenatal endotoxin exposure. Journal of Neuroimmunology, 2008, 204, 126-130.	2.3	30
54	Neonatal endotoxin exposure modifies the acoustic startle response and circulating levels of corticosterone in the adult rat but only following acute stress. Journal of Psychiatric Research, 2008, 42, 1094-1103.	3.1	44

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55	Prophylactic Role for Complementary and Alternative Medicine in Perinatal Programming of Adult Health. Complementary Medicine Research, 2007, 14, 92-101.	1.2	12
56	Response to LPS in female offspring from sows treated with cortisol during pregnancy. Physiology and Behavior, 2007, 90, 612-618.	2.1	28
57	Modelling prenatal bacterial infection: Functional consequences of altered hypothalamic pituitary adrenal axis development. Behavioural Brain Research, 2007, 178, 108-114.	2.2	10
58	Prenatal exposure to a pro-inflammatory stimulus causes delays in the development of the innate immune response to LPS in the offspring. Journal of Neuroimmunology, 2007, 190, 61-71.	2.3	48
59	Individual differences in glucose homeostasis: Do our early life interactions with bacteria matter?. Brain, Behavior, and Immunity, 2006, 20, 401-409.	4.1	24
60	Early life hostâ€“bacteria relations and development: Long-term individual differences in neuroimmune function following neonatal endotoxin challenge. Physiology and Behavior, 2006, 87, 126-134.	2.1	46
61	Endotoxin exposure in early life alters the development of anxiety-like behaviour in the Fischer 344 rat. Behavioural Brain Research, 2004, 154, 63-69.	2.2	88
62	A profile of the immediate endocrine, metabolic and behavioural responses following a dual exposure to endotoxin in early life. Physiology and Behavior, 2004, 83, 495-504.	2.1	31
63	Reduced febrile response to bacterial infection in anorexia nervosa patients. International Journal of Eating Disorders, 2003, 34, 269-272.	4.0	80
64	Potentiation of tumor metastasis in adulthood by neonatal endotoxin exposure: sex differences. Psychoneuroendocrinology, 2002, 27, 791-804.	2.7	29
65	Neonatal Endotoxin Exposure Influences HPA Responsivity and Impairs Tumor Immunity in Fischer 344 Rats in Adulthood. Pediatric Research, 2001, 50, 750-755.	2.3	84
66	Intracerebroventricular interleukin-1Î² impairs clearance of tumor cells from the lungs: role of brain prostaglandins. Journal of Neuroimmunology, 2001, 119, 57-63.	2.3	3
67	Intracerebral interleukin-1Î² impairs response to tumor invasion: involvement of adrenal catecholamines. Brain Research, 1999, 816, 200-208.	2.2	20
68	Lysosphingomyelin prevents behavioral aberrations and hippocampal neuron loss induced by the metabotropic glutamate receptor agonist quisqualate. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1999, 23, 877-892.	4.8	8
69	Intracerebral HIV glycoprotein (gp120) enhances tumor metastasis via centrally released interleukin-1. Brain Research, 1998, 781, 244-251.	2.2	16
70	Chronic dietary restriction influences tumor metastasis in the rat: Parametric considerations. Nutrition and Cancer, 1997, 28, 189-198.	2.0	5
71	Effect of Acute Dietary Restriction on the Colonization of MADB106 Tumor Cells in the Rat. NeuroImmunoModulation, 1996, 3, 371-380.	1.8	8
72	Microinjection of thyrotropin-releasing hormone analogue into the central nucleus of the amygdala stimulates gastric contractility in rats. Brain Research, 1996, 735, 141-148.	2.2	9