

Claire-Dominique Walker

List of Publications by Citations

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39
papers

2,057
citations

24
h-index

40
g-index

40
ext. papers

2,241
ext. citations

4.3
avg, IF

4.57
L-index

#	Paper	IF	Citations
39	Ontogeny of the stress response in the rat: role of the pituitary and the hypothalamus. <i>Endocrinology</i> , 1986 , 118, 1445-51	4.8	270
38	The pituitary-adrenocortical system of neonatal rats is responsive to stress throughout development in a time-dependent and stressor-specific fashion. <i>Endocrinology</i> , 1991 , 128, 1385-95	4.8	228
37	Chronic early life stress induced by limited bedding and nesting (LBN) material in rodents: critical considerations of methodology, outcomes and translational potential. <i>Stress</i> , 2017 , 20, 421-448	3	169
36	Dissociation between behavioral and hormonal responses to the forced swim stress in lactating rats. <i>Journal of Neuroendocrinology</i> , 1995 , 7, 615-22	3.8	138
35	Increased pituitary sensitivity to glucocorticoid feedback during the stress nonresponsive period in the neonatal rat. <i>Endocrinology</i> , 1986 , 119, 1816-21	4.8	105
34	Maternal high fat diet during the perinatal period alters mesocorticolimbic dopamine in the adult rat offspring: reduction in the behavioral responses to repeated amphetamine administration. <i>Psychopharmacology</i> , 2008 , 197, 83-94	4.7	95
33	Increased fat intake during lactation modifies hypothalamic-pituitary-adrenal responsiveness in developing rat pups: a possible role for leptin. <i>Endocrinology</i> , 1998 , 139, 3704-11	4.8	90
32	High neonatal leptin exposure enhances brain GR expression and feedback efficacy on the adrenocortical axis of developing rats. <i>Endocrinology</i> , 2001 , 142, 4607-16	4.8	80
31	Reduced noradrenergic tone to the hypothalamic paraventricular nucleus contributes to the stress hyporesponsiveness of lactation. <i>Journal of Neuroendocrinology</i> , 1998 , 10, 417-27	3.8	75
30	Measuring stress responses in postpartum mothers: perspectives from studies in human and animal populations. <i>Stress</i> , 2005 , 8, 19-34	3	63
29	Mother to infant or infant to mother? Reciprocal regulation of responsiveness to stress in rodents and the implications for humans. <i>Journal of Psychiatry and Neuroscience</i> , 2004 , 29, 364-82	4.5	63
28	Repeated neonatal pain influences maternal behavior, but not stress responsiveness in rat offspring. <i>Developmental Brain Research</i> , 2003 , 140, 253-61		61
27	Maternal dietary fat determines metabolic profile and the magnitude of endocannabinoid inhibition of the stress response in neonatal rat offspring. <i>Endocrinology</i> , 2010 , 151, 1685-94	4.8	56
26	Long-lasting effects of elevated neonatal leptin on rat hippocampal function, synaptic proteins and NMDA receptor subunits. <i>Journal of Neuroscience Research</i> , 2007 , 85, 816-28	4.4	51
25	Perinatal maternal fat intake affects metabolism and hippocampal function in the offspring: a potential role for leptin. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1144, 189-202	6.5	51
24	Morphological and functional changes in the preweaning basolateral amygdala induced by early chronic stress associate with anxiety and fear behavior in adult male, but not female rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 81, 25-37	5.5	48
23	Maternal touch and feed as critical regulators of behavioral and stress responses in the offspring. <i>Developmental Psychobiology</i> , 2010 , 52, 638-50	3	48

22	Naturally occurring variations in maternal care modulate the effects of repeated neonatal pain on behavioral sensitivity to thermal pain in the adult offspring. <i>Pain</i> , 2008 , 140, 167-176	8	42
21	Nutritional aspects modulating brain development and the responses to stress in early neonatal life. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005 , 29, 1249-63	5.5	36
20	High Neonatal Leptin Exposure Enhances Brain GR Expression and Feedback Efficacy on the Adrenocortical Axis of Developing Rats		30
19	Reduced resting-state functional connectivity of the basolateral amygdala to the medial prefrontal cortex in preweaning rats exposed to chronic early-life stress. <i>Brain Structure and Function</i> , 2018 , 223, 3711-3729	4	28
18	Immunotargeted lesions of paraventricular CRF and AVP neurons in developing rats reveal the pattern of maturation of these systems and their functional importance. <i>Journal of Neuroendocrinology</i> , 1997 , 9, 25-41	3.8	28
17	Fetal and Neonatal HPA Axis. <i>Comprehensive Physiology</i> , 2015 , 6, 33-62	7.7	27
16	Exposure to high fat during early development impairs adaptations in dopamine and neuroendocrine responses to repeated stress. <i>Stress</i> , 2013 , 16, 540-8	3	27
15	Inhibition of anandamide hydrolysis dampens the neuroendocrine response to stress in neonatal rats subjected to suboptimal rearing conditions. <i>Stress</i> , 2016 , 19, 114-24	3	24
14	Direct inhibitory effects of leptin on the neonatal adrenal and potential consequences for brain glucocorticoid feedback. <i>Endocrine Research</i> , 2004 , 30, 837-44	1.9	21
13	Measurement of cortisol in saliva: a comparison of measurement error within and between international academic-research laboratories. <i>BMC Research Notes</i> , 2017 , 10, 479	2.3	20
12	It Is All in the Right Amygdala: Increased Synaptic Plasticity and Perineuronal Nets in Male, But Not Female, Juvenile Rat Pups after Exposure to Early-Life Stress. <i>Journal of Neuroscience</i> , 2020 , 40, 8276-8291	6.6	20
11	Sustained efficacy of kangaroo care for repeated painful procedures over neonatal intensive care unit hospitalization: a single-blind randomized controlled trial. <i>Pain</i> , 2019 , 160, 2580-2588	8	14
10	Involvement of central corticotropin-releasing factor (CRF) in suckling-induced inhibition of luteinizing hormone secretion in lactating rats. <i>Journal of Neuroendocrinology</i> , 1993 , 5, 451-9	3.8	11
9	Effects of early undernutrition and handling on the adrenocortical activity of neonatal rats. <i>Life Sciences</i> , 1988 , 43, 1983-90	6.8	10
8	n-back task performance and corresponding brain-activation patterns in women with restrictive and bulimic eating-disorder variants: preliminary findings. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 232, 84-91	2.9	8
7	Web-Based Intervention to Teach Developmentally Supportive Care to Parents of Preterm Infants: Feasibility and Acceptability Study. <i>JMIR Research Protocols</i> , 2017 , 6, e236	2	6
6	Effects of Early Life Stress on the Developing Basolateral Amygdala-Prefrontal Cortex Circuit: The Emerging Role of Local Inhibition and Perineuronal Nets. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 669120	3.3	5
5	Development of the Hypothalamic-Pituitary-Adrenal Axis and the Stress Response 2001 , 237-270		4

4	Experience of Adversity during a First Lactation Modifies Prefrontal Cortex Morphology in Primiparous Female Rats: Lack of Long Term Effects on a Subsequent Lactation. <i>Neuroscience</i> , 2019 , 417, 95-106	3.9	2
3	Mothering Influences on Offspring Stress Response Mechanisms 2015 , 287-326		2
2	Gating of the neuroendocrine stress responses by stressor salience in early lactating female rats is independent of infralimbic cortex activation and plasticity. <i>Stress</i> , 2018 , 21, 217-228	3	1
1	A suckling feast: not so hot after all. <i>Endocrinology</i> , 2007 , 148, 4147-9	4.8	