Paula J Brunton

List of Publications by Year
in descending order

58 papers	3,407 citations	126708 33 h-index	149479 56 g-index
63 all docs	63 docs citations	63 times ranked	3525 citing authors

#	Article	IF	Citations
1	Neurosteroids and early-life programming: An updated perspective. Current Opinion in Endocrine and Metabolic Research, 2022, 25, 100367.	0.6	1
2	Effects of prenatal stress on neuroactive steroid responses to acute stress in adult male and female rats. Journal of Neuroendocrinology, 2021, 33, e12916.	1.2	9
3	Sex, stress and steroids. European Journal of Neuroscience, 2020, 52, 2487-2515.	1.2	48
4	Maternal antioxidant treatment prevents the adverse effects of prenatal stress on the offspring's brain and behavior. Neurobiology of Stress, 2020, 13, 100281.	1.9	22
5	Neuroimmunology of the female brain across the lifespan: Plasticity to psychopathology. Brain, Behavior, and Immunity, 2019, 79, 39-55.	2.0	29
6	Giving a good start to a new life via maternal brain allostatic adaptations in pregnancy. Frontiers in Neuroendocrinology, 2019, 53, 100739.	2.5	17
7	Endogenous opioid signalling in the brain during pregnancy and lactation. Cell and Tissue Research, 2019, 375, 69-83.	1.5	20
8	Antenatal dexamethasone treatment transiently alters diastolic function in the mouse fetal heart. Journal of Endocrinology, 2019, 241, 279-292.	1.2	11
9	Maternal stress and the MPOA: Activation of CRF receptor 1 impairs maternal behavior and triggers local oxytocin release in lactating rats. Neuropharmacology, 2018, 133, 440-450.	2.0	26
10	Sexâ€dependent changes in neuroactive steroid concentrations in the rat brain following acute swim stress. Journal of Neuroendocrinology, 2018, 30, e12644.	1.2	43
11	Proteomic profiling of neuronal mitochondria reveals modulators of synaptic architecture. Molecular Neurodegeneration, 2017, 12, 77.	4.4	43
12	Sexâ€Dependent Effects of Prenatal Stress on Social Memory in Rats: A Role for Differential Expression of Central Vasopressinâ€1a Receptors. Journal of Neuroendocrinology, 2016, 28, .	1.2	33
13	Sex-specific prenatal stress effects on the rat reproductive axis and adrenal gland structure. Reproduction, 2016, 151, 709-717.	1.1	14
14	CRF-R1 activation in the anterior-dorsal BNST induces maternal neglect in lactating rats via an HPA axis-independent central mechanism. Psychoneuroendocrinology, 2016, 64, 89-98.	1.3	25
15	Neuroactive steroids and stress axis regulation: Pregnancy and beyond. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 160-168.	1.2	38
16	Prenatal stress programs neuroendocrine stress responses and affective behaviors in second generation rats in a sex-dependent manner. Psychoneuroendocrinology, 2015, 62, 204-216.	1.3	72
17	Programming the Brain and Behaviour by Earlyâ€Life Stress: A Focus on Neuroactive Steroids. Journal of Neuroendocrinology, 2015, 27, 468-480.	1.2	68
18	5Î±-Reduced Neurosteroids Sex-Dependently Reverse Central Prenatal Programming of Neuroendocrine Stress Responses in Rats. Journal of Neuroscience, 2015, 35, 666-677.	1.7	39

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19	Maternal Brain Adaptations in Pregnancy. , 2015, , 1957-2026.		6
20	Hypoactivation of CRF Receptors, Predominantly Type 2, in the Medial-Posterior BNST Is Vital for Adequate Maternal Behavior in Lactating Rats. Journal of Neuroscience, 2014, 34, 9665-9676.	1.7	41
21	Allopregnanolone in the brain: Protecting pregnancy and birth outcomes. Progress in Neurobiology, 2014, 113, 106-136.	2.8	94
22	The Consequences of Earlyâ€Life Adversity: Neurobiological, Behavioural and Epigenetic Adaptations. Journal of Neuroendocrinology, 2014, 26, 707-723.	1.2	292
23	Oxytocinase in the Female Rat Hypothalamus: A Novel Mechanism Controlling Oxytocin Neurones During Lactation. Journal of Neuroendocrinology, 2014, 26, 205-216.	1.2	28
24	Prenatal stress produces anxiety prone female offspring and impaired maternal behaviour in the domestic pig. Physiology and Behavior, 2014, 129, 255-264.	1.0	54
25	Phospholipase D-mediated hypersensitivity at central synapses is associated with abnormal behaviours and pain sensitivity in rats exposed to prenatal stress. International Journal of Biochemistry and Cell Biology, 2013, 45, 2706-2712.	1.2	9
26	Effects of maternal exposure to social stress during pregnancy: consequences for mother and offspring. Reproduction, 2013, 146, R175-R189.	1.1	170
27	Sex-specific effects of prenatal stress on glucose homoeostasis and peripheral metabolism in rats. Journal of Endocrinology, 2013, 217, 161-173.	1.2	47
28	S.10.3 - PRENATAL SOCIAL STRESS PROGRAMMES OFFSPRING NEUROENDOCRINE AND BEHAVIOURAL STRESS RESPONSES. Behavioural Pharmacology, 2013, 24, e12-e13.	0.8	0
29	Allopregnanolone and Induction of Endogenous Opioid Inhibition of Oxytocin Responses to Immune Stress in Pregnant Rats. Journal of Neuroendocrinology, 2012, 24, 690-700.	1.2	32
30	Neuroendocrine control of maternal stress responses and fetal programming by stress in pregnancy. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1178-1191.	2.5	70
31	Sex differences in prenatally programmed anxiety behaviour in rats: Differential corticotropin-releasing hormone receptor mRNA expression in the amygdaloid complex. Stress, 2011, 14, 634-643.	0.8	45
32	Parenthood and Changing Brains. Journal of Neuroendocrinology, 2011, 23, 957-960.	1.2	1
33	Inhibition of 5Î±â€Reductase Activity in Late Pregnancy Decreases Gestational Length and Fecundity and Impairs Object Memory and Central Progestogen Milieu of Juvenile Rat Offspring. Journal of Neuroendocrinology, 2011, 23, 1079-1090.	1.2	29
34	Stress, brains and bairns: Reviews from the 4th International Conference on the Parental Brain. Stress, 2011, 14, 577-580.	0.8	0
35	Neurosteroids for a successful pregnancy. Stress, 2011, 14, 1-5.	0.8	14
36	Immune stress in late pregnant rats decreases length of gestation and fecundity, and alters later cognitive and affective behaviour of surviving pre-adolescent offspring. Stress, 2011, 14, 652-664.	0.8	51

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37	Allopregnanolone and suppressed hypothalamoâ€“pituitaryâ€“adrenal axis stress responses in late pregnancy in the rat. Stress, 2011, 14, 6-12.	0.8	47
38	Endocrine induced changes in brain function during pregnancy. Brain Research, 2010, 1364, 198-215.	1.1	100
39	Prenatal Social Stress in the Rat Programmes Neuroendocrine and Behavioural Responses to Stress in the Adult Offspring: Sexâ€Specific Effects. Journal of Neuroendocrinology, 2010, 22, 258-271.	1.2	228
40	Resetting the Dynamic Range of Hypothalamicâ€Pituitaryâ€Adrenal Axis Stress Responses Through Pregnancy. Journal of Neuroendocrinology, 2010, 22, 1198-1213.	1.2	35
41	Circulating Secretin Activates Supraoptic Nucleus Oxytocin and Vasopressin Neurons via Noradrenergic Pathways in the Rat. Endocrinology, 2010, 151, 2681-2688.	1.4	36
42	Central Opioid Inhibition of Neuroendocrine Stress Responses in Pregnancy in the Rat Is Induced by the Neurosteroid Allopregnanolone. Journal of Neuroscience, 2009, 29, 6449-6460.	1.7	111
43	Rapid Estradiol-17Î² Modulation of Opioid Actions on the Electrical and Secretory Activity of Rat Oxytocin Neurons InÂvivo. Neurochemical Research, 2008, 33, 614-623.	1.6	19
44	Reduced Hypothalamoâ€pituitaryâ€adrenal Axis Stress Responses in Late Pregnancy. Annals of the New York Academy of Sciences, 2008, 1148, 428-438.	1.8	48
45	Attenuated hypothalamoâ€pituitaryâ€adrenal axis responses to immune challenge during pregnancy: the neurosteroidâ€“opioid connection. Journal of Physiology, 2008, 586, 369-375.	1.3	51
46	The expectant brain: adapting for motherhood. Nature Reviews Neuroscience, 2008, 9, 11-25.	4.9	334
47	Adaptive Responses of the Maternal Hypothalamicâ€Pituitaryâ€Adrenal Axis during Pregnancy and Lactation. Journal of Neuroendocrinology, 2008, 20, 764-776.	1.2	247
48	Keeping oxytocin neurons under control during stress in pregnancy. Progress in Brain Research, 2008, 170, 365-377.	0.9	20
49	Bringing Forth the Next Generation â€¦ and the Next. , 2008, , 201-223.		1
50	Hypothalamic-Pituitary-Adrenal Axis Hyporesponsiveness to Restraint Stress in Mice Deficient for Large-Conductance Calcium- and Voltage-Activated Potassium (BK) Channels. Endocrinology, 2007, 148, 5496-5506.	1.4	30
51	Neuroactive steroids attenuate oxytocin stress responses in late pregnancy. Neuroscience, 2006, 138, 879-889.	1.1	31
52	Suppressed oxytocin neuron responses to immune challenge in late pregnant rats: a role for endogenous opioids. European Journal of Neuroscience, 2006, 23, 1241-1247.	1.2	41
53	Neuroendocrine Stress But Not Feeding Responses to Centrally Administered Neuropeptide Y Are Suppressed in Pregnant Rats. Endocrinology, 2006, 147, 3737-3745.	1.4	39
54	Endogenous Opioids and Attenuated Hypothalamic-Pituitary-Adrenal Axis Responses to Immune Challenge in Pregnant Rats. Journal of Neuroscience, 2005, 25, 5117-5126.	1.7	105

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55	Release of oxytocin in the hypothalamic paraventricular nucleus, but not central amygdala or lateral septum in lactating residents and virgin intruders during maternal defence. Neuroscience, 2004, 124, 439-448.	1.1	127
56	Hypothalamic-Pituitary-Adrenal Responses to Centrally Administered Orexin-A are Suppressed in Pregnant Rats. Journal of Neuroendocrinology, 2003, 15, 633-637.	1.2	58
57	Neuroendocrine Responses to Stress in Mice: Hyporesponsiveness in Pregnancy and Parturition. Endocrinology, 2003, 144, 5268-5276.	1.4	112
58	Sex-Steroid Induction of Endogenous Opioid Inhibition on Oxytocin Secretory Responses to Stress. Journal of Neuroendocrinology, 2001, 12, 343-350.	1.2	44