Hannah K Palliser

List of Publications by Year
in descending order

44 papers	909 citations	471371 17 h-index	501076 28 g-index
44 all docs	44 docs citations	44 times ranked	940 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.	1.3	6
2	Examining Neurosteroid-Analogue Therapy in the Preterm Neonate For Promoting Hippocampal Neurodevelopment. Frontiers in Physiology, 2022, 13, 871265.	1.3	2
3	Adaptations in the Hippocampus during the Fetal to Neonatal Transition in Guinea Pigs. Reproductive Medicine, 2022, 3, 85-100.	0.3	1
4	Effects of prenatal stress on behavioural and neurodevelopmental outcomes are altered by maternal separation in the neonatal period. Psychoneuroendocrinology, 2021, 124, 105060.	1.3	18
5	Impaired Oligodendrocyte Development Following Preterm Birth: Promoting GABAergic Action to Improve Outcomes. Frontiers in Pediatrics, 2021, 9, 618052.	0.9	14
6	Neurosteroid-based intervention using Ganaxolone and Emapunil for improving stress-induced myelination deficits and neurobehavioural disorders. Psychoneuroendocrinology, 2021, 133, 105423.	1.3	6
7	Perinatal compromise contributes to programming of GABAergic and glutamatergic systems leading to longâ€term effects on offspring behaviour. Journal of Neuroendocrinology, 2020, 32, e12814.	1.2	12
8	Reduced Neurosteroid Exposure Following Preterm Birth and Itsâ€™ Contribution to Neurological Impairment: A Novel Avenue for Preventative Therapies. Frontiers in Physiology, 2019, 10, 599.	1.3	22
9	Microvascular circulatory dysregulation driven in part by cystathionine gammaâ€lyase: A new paradigm for cardiovascular compromise in the preterm newborn. Microcirculation, 2019, 26, e12507.	1.0	5
10	Neurosteroid replacement therapy using the allopregnanolone-analogue ganaxolone following preterm birth in male guinea pigs. Pediatric Research, 2019, 85, 86-96.	1.1	22
11	Guinea pig models for translation of the developmental origins of health and disease hypothesis into the clinic. Journal of Physiology, 2018, 596, 5535-5569.	1.3	105
12	Administration of Progesterone Throughout Pregnancy Increases Maternal Steroids Without Adverse Effect on Mature Oligodendrocyte Immunostaining in the Guinea Pig. Reproductive Sciences, 2018, 25, 395-405.	1.1	3
13	Disruptions to the cerebellar GABAergic system in juvenile guinea pigs following preterm birth. International Journal of Developmental Neuroscience, 2018, 65, 1-10.	0.7	20
14	Birth and Neonatal Transition in the Guinea Pig: Experimental Approaches to Prevent Preterm Birth and Protect the Premature Fetus. Frontiers in Physiology, 2018, 9, 1802.	1.3	13
15	Increased anxietyâ€like phenotype in female guinea pigs following reduced neurosteroid exposure in utero. International Journal of Developmental Neuroscience, 2017, 58, 50-58.	0.7	12
16	Maternal stress in pregnancy affects myelination and neurosteroid regulatory pathways in the guinea pig cerebellum. Stress, 2017, 20, 580-588.	0.8	15
17	Cerebellar Changes in Guinea Pig Offspring Following Suppression of Neurosteroid Synthesis During Late Gestation. Cerebellum, 2017, 16, 306-313.	1.4	9
18	Identification of Eight Different Isoforms of the Glucocorticoid Receptor in Guinea Pig Placenta: Relationship to Preterm Delivery, Sex and Betamethasone Exposure. PLoS ONE, 2016, 11, e0148226.	1.1	23

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19	Severity and timing: How prenatal stress exposure affects glial developmental, emotional behavioural and plasma neurosteroid responses in guinea pig offspring. Psychoneuroendocrinology, 2016, 70, 47-57.	1.3	18
20	Long-term effects of preterm birth on behavior and neurosteroid sensitivity in the guinea pig. Pediatric Research, 2016, 80, 275-283.	1.1	23
21	Loss of neurosteroid-mediated protection following stress during fetal life. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 181-188.	1.2	27
22	Models of Perinatal Compromises in the Guinea Pig: Their Use in Showing the Role of Neurosteroids in Pregnancy and the Newborn. Neuromethods, 2016, , 221-243.	0.2	3
23	Prenatal Stress Alters Hippocampal Neuroglia and Increases Anxiety in Childhood. Developmental Neuroscience, 2015, 37, 533-545.	1.0	35
24	Interactions of the Gasotransmitters Contribute to Microvascular Tone (Dys)regulation in the Preterm Neonate. PLoS ONE, 2015, 10, e0121621.	1.1	18
25	A Role for H2S in the Microcirculation of Newborns: The Major Metabolite of H2S (Thiosulphate) Is Increased in Preterm Infants. PLoS ONE, 2014, 9, e105085.	1.1	16
26	Progesterone Receptor Expression Declines in the Guinea Pig Uterus during Functional Progesterone Withdrawal and in Response to Prostaglandins. PLoS ONE, 2014, 9, e105253.	1.1	10
27	Mechanisms Leading to Increased Risk of Preterm Birth in Growth-Restricted Guinea Pig Pregnancies. Reproductive Sciences, 2014, 21, 269-276.	1.1	7
28	Early microvascular changes in the preterm neonate: a comparative study of the human and guinea pig. Physiological Reports, 2014, 2, e12145.	0.7	13
29	Neuroactive steroids in pregnancy: Key regulatory and protective roles in the foetal brain. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 144-153.	1.2	74
30	Effects of Prenatal Stress on Fetal Neurodevelopment and Responses to Maternal Neurosteroid Treatment in Guinea Pigs. Developmental Neuroscience, 2013, 35, 416-426.	1.0	28
31	Changes in Neuroactive Steroid Concentrations After Preterm Delivery in the Guinea Pig. Reproductive Sciences, 2013, 20, 1365-1375.	1.1	35
32	The guinea pig as an animal model for studying perinatal changes in microvascular function. Pediatric Research, 2012, 71, 20-24.	1.1	21
33	15-Hydroxyprostaglandin Dehydrogenase Expression and Localization in Guinea Pig Gestational Tissues During Late Pregnancy and Parturition. Reproductive Sciences, 2012, 19, 1099-1109.	1.1	3
34	Sex-dependent effect of a low neurosteroid environment and intrauterine growth restriction on fetal guinea pig brain development.. Journal of Endocrinology, 2011, 208, 301-9.	1.2	49
35	Progesterone Receptor Isoform Expression in the Guinea Pig Myometrium From Normal and Growth Restricted Pregnancies. Reproductive Sciences, 2010, 17, 776-782.	1.1	24
36	Increased expression of alpha-enolase in cervico-vaginal fluid during labour. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2010, 153, 16-22.	0.5	2

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37	Stress in Pregnancy: A Role for Neuroactive Steroids in Protecting the Fetal and Neonatal Brain. Developmental Neuroscience, 2009, 31, 363-377.	1.0	26
38	Changes in human placental 5Î±-reductase isoenzyme expression with advancing gestation: effects of fetal sex and glucocorticoid exposure. Reproduction, Fertility and Development, 2009, 21, 599.	0.1	36
39	Neurosteroids in the fetus and neonate: Potential protective role in compromised pregnancies. Neurochemistry International, 2008, 52, 602-610.	1.9	56
40	Identification of bactenecin-1 in cervicovaginal fluid by two-dimensional electrophoresis in an ovine model of preterm labour. Proteomics, 2007, 7, 281-288.	1.3	7
41	Pathological interactions with the timing of birth and uterine activation. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2007, 47, 430-437.	0.4	15
42	Labor-Associated Regulation of Prostaglandin E and F Synthesis and Action in the Ovine Amnion and Cervix. Journal of the Society for Gynecologic Investigation, 2006, 13, 19-24.	1.9	6
43	Delay of preterm birth in sheep by THG113.31, a prostaglandin F2Î± receptor antagonist. American Journal of Obstetrics and Gynecology, 2005, 193, 256-266.	0.7	32
44	Prostaglandin E and F Receptor Expression and Myometrial Sensitivity at Labor Onset in the Sheep1. Biology of Reproduction, 2005, 72, 937-943.	1.2	17