

Hannah K Palliser

List of Publications by Year in descending order

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Version: 2024-02-01

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	Guinea pig models for translation of the developmental origins of health and disease hypothesis into the clinic. <i>Journal of Physiology</i> , 2018, 596, 5535-5569.	1.3	105
2	Neuroactive steroids in pregnancy: Key regulatory and protective roles in the foetal brain. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 139, 144-153.	1.2	74
3	Neurosteroids in the fetus and neonate: Potential protective role in compromised pregnancies. <i>Neurochemistry International</i> , 2008, 52, 602-610.	1.9	56
4	Sex-dependent effect of a low neurosteroid environment and intrauterine growth restriction on fetal guinea pig brain development.. <i>Journal of Endocrinology</i> , 2011, 208, 301-9.	1.2	49
5	Changes in human placental 5 α -reductase isoenzyme expression with advancing gestation: effects of fetal sex and glucocorticoid exposure. <i>Reproduction, Fertility and Development</i> , 2009, 21, 599.	0.1	36
6	Changes in Neuroactive Steroid Concentrations After Preterm Delivery in the Guinea Pig. <i>Reproductive Sciences</i> , 2013, 20, 1365-1375.	1.1	35
7	Prenatal Stress Alters Hippocampal Neuroglia and Increases Anxiety in Childhood. <i>Developmental Neuroscience</i> , 2015, 37, 533-545.	1.0	35
8	Delay of preterm birth in sheep by THG113.31, a prostaglandin F 2α receptor antagonist. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 256-266.	0.7	32
9	Effects of Prenatal Stress on Fetal Neurodevelopment and Responses to Maternal Neurosteroid Treatment in Guinea Pigs. <i>Developmental Neuroscience</i> , 2013, 35, 416-426.	1.0	28
10	Loss of neurosteroid-mediated protection following stress during fetal life. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 160, 181-188.	1.2	27
11	Stress in Pregnancy: A Role for Neuroactive Steroids in Protecting the Fetal and Neonatal Brain. <i>Developmental Neuroscience</i> , 2009, 31, 363-377.	1.0	26
12	Progesterone Receptor Isoform Expression in the Guinea Pig Myometrium From Normal and Growth Restricted Pregnancies. <i>Reproductive Sciences</i> , 2010, 17, 776-782.	1.1	24
13	Identification of Eight Different Isoforms of the Glucocorticoid Receptor in Guinea Pig Placenta: Relationship to Preterm Delivery, Sex and Betamethasone Exposure. <i>PLoS ONE</i> , 2016, 11, e0148226.	1.1	23
14	Long-term effects of preterm birth on behavior and neurosteroid sensitivity in the guinea pig. <i>Pediatric Research</i> , 2016, 80, 275-283.	1.1	23
15	Reduced Neurosteroid Exposure Following Preterm Birth and Its™ Contribution to Neurological Impairment: A Novel Avenue for Preventative Therapies. <i>Frontiers in Physiology</i> , 2019, 10, 599.	1.3	22
16	Neurosteroid replacement therapy using the allopregnanolone-analogue ganaxolone following preterm birth in male guinea pigs. <i>Pediatric Research</i> , 2019, 85, 86-96.	1.1	22
17	The guinea pig as an animal model for studying perinatal changes in microvascular function. <i>Pediatric Research</i> , 2012, 71, 20-24.	1.1	21
18	Disruptions to the cerebellar GABAergic system in juvenile guinea pigs following preterm birth. <i>International Journal of Developmental Neuroscience</i> , 2018, 65, 1-10.	0.7	20

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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. <i>Psychoneuroendocrinology</i> , 2016, 70, 47-57.	1.3	18
20	Effects of prenatal stress on behavioural and neurodevelopmental outcomes are altered by maternal separation in the neonatal period. <i>Psychoneuroendocrinology</i> , 2021, 124, 105060.	1.3	18
21	Interactions of the Gasotransmitters Contribute to Microvascular Tone (Dys)regulation in the Preterm Neonate. <i>PLoS ONE</i> , 2015, 10, e0121621.	1.1	18
22	Prostaglandin E and F Receptor Expression and Myometrial Sensitivity at Labor Onset in the Sheep1. <i>Biology of Reproduction</i> , 2005, 72, 937-943.	1.2	17
23	A Role for H ₂ S in the Microcirculation of Newborns: The Major Metabolite of H ₂ S (Thiosulphate) Is Increased in Preterm Infants. <i>PLoS ONE</i> , 2014, 9, e105085.	1.1	16
24	Pathological interactions with the timing of birth and uterine activation. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2007, 47, 430-437.	0.4	15
25	Maternal stress in pregnancy affects myelination and neurosteroid regulatory pathways in the guinea pig cerebellum. <i>Stress</i> , 2017, 20, 580-588.	0.8	15
26	Impaired Oligodendrocyte Development Following Preterm Birth: Promoting GABAergic Action to Improve Outcomes. <i>Frontiers in Pediatrics</i> , 2021, 9, 618052.	0.9	14
27	Early microvascular changes in the preterm neonate: a comparative study of the human and guinea pig. <i>Physiological Reports</i> , 2014, 2, e12145.	0.7	13
28	Birth and Neonatal Transition in the Guinea Pig: Experimental Approaches to Prevent Preterm Birth and Protect the Premature Fetus. <i>Frontiers in Physiology</i> , 2018, 9, 1802.	1.3	13
29	Increased anxiety-like phenotype in female guinea pigs following reduced neurosteroid exposure in utero. <i>International Journal of Developmental Neuroscience</i> , 2017, 58, 50-58.	0.7	12
30	Perinatal compromise contributes to programming of GABAergic and glutamatergic systems leading to long-term effects on offspring behaviour. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12814.	1.2	12
31	Progesterone Receptor Expression Declines in the Guinea Pig Uterus during Functional Progesterone Withdrawal and in Response to Prostaglandins. <i>PLoS ONE</i> , 2014, 9, e105253.	1.1	10
32	Cerebellar Changes in Guinea Pig Offspring Following Suppression of Neurosteroid Synthesis During Late Gestation. <i>Cerebellum</i> , 2017, 16, 306-313.	1.4	9
33	Identification of bactenecin-1 in cervicovaginal fluid by two-dimensional electrophoresis in an ovine model of preterm labour. <i>Proteomics</i> , 2007, 7, 281-288.	1.3	7
34	Mechanisms Leading to Increased Risk of Preterm Birth in Growth-Restricted Guinea Pig Pregnancies. <i>Reproductive Sciences</i> , 2014, 21, 269-276.	1.1	7
35	Labor-Associated Regulation of Prostaglandin E and F Synthesis and Action in the Ovine Amnion and Cervix. <i>Journal of the Society for Gynecologic Investigation</i> , 2006, 13, 19-24.	1.9	6
36	Neurosteroid-based intervention using Ganaxolone and Emapunil for improving stress-induced myelination deficits and neurobehavioural disorders. <i>Psychoneuroendocrinology</i> , 2021, 133, 105423.	1.3	6

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37	Evaluating changes in GABAergic and glutamatergic pathways in early life following prenatal stress and postnatal neurosteroid supplementation. <i>Psychoneuroendocrinology</i> , 2022, 139, 105705.	1.3	6
38	Microvascular circulatory dysregulation driven in part by cystathionine gamma-lyase: A new paradigm for cardiovascular compromise in the preterm newborn. <i>Microcirculation</i> , 2019, 26, e12507.	1.0	5
39	15-Hydroxyprostaglandin Dehydrogenase Expression and Localization in Guinea Pig Gestational Tissues During Late Pregnancy and Parturition. <i>Reproductive Sciences</i> , 2012, 19, 1099-1109.	1.1	3
40	Administration of Progesterone Throughout Pregnancy Increases Maternal Steroids Without Adverse Effect on Mature Oligodendrocyte Immunostaining in the Guinea Pig. <i>Reproductive Sciences</i> , 2018, 25, 395-405.	1.1	3
41	Models of Perinatal Compromises in the Guinea Pig: Their Use in Showing the Role of Neurosteroids in Pregnancy and the Newborn. <i>Neuromethods</i> , 2016, , 221-243.	0.2	3
42	Increased expression of alpha-enolase in cervico-vaginal fluid during labour. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 153, 16-22.	0.5	2
43	Examining Neurosteroid-Analogue Therapy in the Preterm Neonate For Promoting Hippocampal Neurodevelopment. <i>Frontiers in Physiology</i> , 2022, 13, 871265.	1.3	2
44	Adaptations in the Hippocampus during the Fetal to Neonatal Transition in Guinea Pigs. <i>Reproductive Medicine</i> , 2022, 3, 85-100.	0.3	1