Hayley Dickinson

List of Publications by Year
in descending order

38	1,119	394286	414303
papers	citations	19 h-index	32 g-index

39	39	39	1325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maternal dexamethasone treatment at midgestation reduces nephron number and alters renal gene expression in the fetal spiny mouse. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R453-R461.	0.9	102
2	First evidence of a menstruating rodent: the spiny mouseÂ(AcomysÂcahirinus). American Journal of Obstetrics and Gynecology, 2017, 216, 40.e1-40.e11.	0.7	84
3	The spiny mouse (Acomys cahirinus) completes nephrogenesis before birth. American Journal of Physiology - Renal Physiology, 2005, 289, F273-F279.	1.3	75
4	Maternal creatine: does it reach the fetus and improve survival after an acute hypoxic episode in the spiny mouse (Acomys cahirinus)?. American Journal of Obstetrics and Gynecology, 2008, 198, 431.e1-431.e6.	0.7	61
5	Creatine supplementation during pregnancy: summary of experimental studies suggesting a treatment to improve fetal and neonatal morbidity and reduce mortality in high-risk human pregnancy. BMC Pregnancy and Childbirth, 2014, 14, 150.	0.9	55
6	Interventions designed to reduce excessive gestational weight gain can reduce the incidence of gestational diabetes mellitus: A systematic review and meta-analysis of randomised controlled trials. Diabetes Research and Clinical Practice, 2018, 141, 69-79.	1.1	55
7	The Placental Response to Excess Maternal Glucocorticoid Exposure Differs Between the Male and Female Conceptus in Spiny Mice1. Biology of Reproduction, 2011, 85, 1040-1047.	1.2	53
8	Ontogeny of the Adrenal Gland in the Spiny Mouse, With Particular Reference to Production of the Steroids Cortisol and Dehydroepiandrosterone. Endocrinology, 2013, 154, 1190-1201.	1.4	49
9	Maternal creatine supplementation from mid-pregnancy protects the newborn spiny mouse diaphragm from intrapartum hypoxia-induced damage. Pediatric Research, 2010, 68, 1.	1.1	40
10	Creatine pretreatment prevents birth asphyxiaâ€“induced injury of the newborn spiny mouse kidney. Pediatric Research, 2013, 73, 201-208.	1.1	40
11	Measuring Respiratory Function in Mice Using Unrestrained Whole-body Plethysmography. Journal of Visualized Experiments, 2014, , e51755.	0.2	38
12	De novo transcriptome assembly for the spiny mouse (Acomys cahirinus). Scientific Reports, 2017, 7, 8996.	1.6	37
13	Understanding the Full Spectrum of Organ Injury Following Intrapartum Asphyxia. Frontiers in Pediatrics, 2017, 5, 16.	0.9	37
14	Characterization of human-like menstruation in the spiny mouse: comparative studies with the human and induced mouse model. Human Reproduction, 2018, 33, 1715-1726.	0.4	35
15	Creatine for women in pregnancy for neuroprotection of the fetus. The Cochrane Library, 2014, 2014, CD010846.	1.5	26
16	Creatine and pregnancy outcomes, a prospective cohort study in low-risk pregnant women: study protocol. BMJ Open, 2019, 9, e026756.	0.8	22
17	Maternal Dietary Creatine Supplementation Does Not Alter the Capacity for Creatine Synthesis in the Newborn Spiny Mouse. Reproductive Sciences, 2013, 20, 1096-1102.	1.1	21
18	Maternal creatine homeostasis is altered during gestation in the spiny mouse: is this a metabolic adaptation to pregnancy?. BMC Pregnancy and Childbirth, 2015, 15, 92.	0.9	21

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19	The feto-placental unit, and potential roles of dehydroepiandrosterone (DHEA) in prenatal and postnatal brain development: A re-examination using the spiny mouse. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 204-213.	1.2	21
20	Maternal creatine supplementation during pregnancy prevents acute and long-term deficits in skeletal muscle after birth asphyxia: a study of structure and function of hind limb muscle in the spiny mouse. Pediatric Research, 2016, 80, 852-860.	1.1	21
21	Dietary creatine supplementation during pregnancy: a study on the effects of creatine supplementation on creatine homeostasis and renal excretory function in spiny mice. Amino Acids, 2016, 48, 1819-1830.	1.2	21
22	Creatine for women: a review of the relationship between creatine and the reproductive cycle and female-specific benefits of creatine therapy. Amino Acids, 2016, 48, 1807-1817.	1.2	21
23	Dietary interventions designed to protect the perinatal brain from hypoxic-ischemic encephalopathy â€“ Creatine prophylaxis and the need for multi-organ protection. Neurochemistry International, 2016, 95, 15-23.	1.9	20
24	A comparative study of renal function in the desert-adapted spiny mouse and the laboratory-adapted C57BL/6 mouse: response to dietary salt load. American Journal of Physiology - Renal Physiology, 2007, 293, F1093-F1098.	1.3	19
25	Creatine biosynthesis and transport by the term human placenta. Placenta, 2017, 52, 86-93.	0.7	16
26	Maternal Creatine Supplementation during Pregnancy Prevents Long-Term Changes in Diaphragm Muscle Structure and Function after Birth Asphyxia. PLoS ONE, 2016, 11, e0149840.	1.1	15
27	Placental creatine metabolism in cases of placental insufficiency and reduced fetal growth. Molecular Human Reproduction, 2019, 25, 495-505.	1.3	15
28	A superovulation protocol for the spiny mouse (Acomys cahirinus). Reproduction, Fertility and Development, 2012, 24, 1117.	0.1	14
29	A comparative study of renal function in male and female spiny mice â€“ sex specific responses to a high salt challenge. Biology of Sex Differences, 2013, 4, 21.	1.8	14
30	Renal dysfunction in early adulthood following birth asphyxia in male spiny mice, and its amelioration by maternal creatine supplementation during pregnancy. Pediatric Research, 2017, 81, 646-653.	1.1	14
31	Does maternal-fetal transfer of creatine occur in pregnant sheep?. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E75-E83.	1.8	12
32	Ontogenetic Change in the Regional Distribution of Dehydroepiandrosterone-Synthesizing Enzyme and the Glucocorticoid Receptor in the Brain of the Spiny Mouse (Acomys cahirinus). Developmental Neuroscience, 2016, 38, 54-73.	1.0	11
33	The Effects of Early-Onset Pre-Eclampsia on Placental Creatine Metabolism in the Third Trimester. International Journal of Molecular Sciences, 2020, 21, 806.	1.8	10
34	Application of clinical indices of fetal growth and wellbeing to a novel laboratory species, the spiny mouse. Reproductive Biology, 2008, 8, 229-243.	0.9	6
35	Confirmed dioestrus in pseudopregnant mice using vaginal exfoliative cytology improves embryo transfer implantation rate. Reproductive BioMedicine Online, 2015, 31, 538-543.	1.1	6
36	UNICORN Babies: Understanding Circulating and Cerebral Creatine Levels of the Preterm Infant. An Observational Study Protocol. Frontiers in Physiology, 2019, 10, 142.	1.3	5

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37	Evaluation of 3K3A-Activated Protein C to Treat Neonatal Hypoxic Ischemic Brain Injury in the Spiny Mouse. Neurotherapeutics, 2019, 16, 231-243.	2.1	4
38	Australian Perspectives: Outcomes from the 2016 ANZ DOHaD Scientific Meeting. Journal of Developmental Origins of Health and Disease, 2017, 8, 510-511.	0.7	0