Philip Coan

List of Publications by Year
in descending order

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22 papers	2,453 citations	430874 18 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	2812 citing authors

#	Article	IF	Citations
1	Deletion of the Imprinted Phlda2 Gene Increases Placental Passive Permeability in the Mouse. Genes, 2021, 12, 639.	2.4	1
2	Camk2n1 Is a Negative Regulator of Blood Pressure, Left Ventricular Mass, Insulin Sensitivity, and Promotes Adiposity. Hypertension, 2019, 74, 687-696.	2.7	13
3	Genetic, physiological and comparative genomic studies of hypertension and insulin resistance in the spontaneously hypertensive rat. DMM Disease Models and Mechanisms, 2017, 10, 297-306.	2.4	13
4	Complement Factor B Is a Determinant of Both Metabolic and Cardiovascular Features of Metabolic Syndrome. Hypertension, 2017, 70, 624-633.	2.7	26
5	New Wistar Kyoto and Spontaneously Hypertensive rat transgenic models with ubiquitous expression of green fluorescent protein. DMM Disease Models and Mechanisms, 2016, 9, 463-71.	2.4	8
6	Adaptations in Placental Phenotype Depend on Route and Timing of Maternal Dexamethasone Administration in Mice1. Biology of Reproduction, 2013, 89, 80.	2.7	24
7	Environmental regulation of placental phenotype: implications for fetal growth. Reproduction, Fertility and Development, 2012, 24, 80.	0.4	51
8	Dietary composition programmes placental phenotype in mice. Journal of Physiology, 2011, 589, 3659-3670.	2.9	57
9	Imprinted genes and the epigenetic regulation of placental phenotype. Progress in Biophysics and Molecular Biology, 2011, 106, 281-288.	2.9	114
10	Placental-Specific Igf2 Deficiency Alters Developmental Adaptations to Undernutrition in Mice. Endocrinology, 2011, 152, 3202-3212.	2.8	108
11	Developmental adaptations to increased fetal nutrient demand in mouse genetic models of Igf2â€mediated overgrowth. FASEB Journal, 2011, 25, 1737-1745.	0.5	62
12	Adaptations in placental phenotype support fetal growth during undernutrition of pregnant mice. Journal of Physiology, 2010, 588, 527-538.	2.9	177
13	Placental Structure in Type 1 Diabetes. Diabetes, 2009, 58, 2634-2641.	0.6	51
14	Placental efficiency and adaptation: endocrine regulation. Journal of Physiology, 2009, 587, 3459-3472.	2.9	253
15	Adaptations in placental nutrient transfer capacity to meet fetal growth demands depend on placental size in mice. Journal of Physiology, 2008, 586, 4567-4576.	2.9	165
16	Disproportional effects of Igf2 knockout on placental morphology and diffusional exchange characteristics in the mouse. Journal of Physiology, 2008, 586, 5023-5032.	2.9	89
17	The Placenta and Intrauterine Programming. Journal of Neuroendocrinology, 2008, 20, 439-450.	2.6	223
18	Origin and characteristics of glycogen cells in the developing murine placenta. Developmental Dynamics, 2006, 235, 3280-3294.	1.8	201

#	Article	IF	Citations
19	Ultrastructural changes in the interhaemal membrane and junctional zone of the murine chorioallantoic placenta across gestation. Journal of Anatomy, 2005, 207, 783-796.	1.5	86
20	Imprinted genes in the placenta â€“ A review. Placenta, 2005, 26, S10-S20.	1.5	206
21	Placental-specific insulin-like growth factor 2 (Igf2) regulates the diffusional exchange characteristics of the mouse placenta. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8204-8208.	7.1	281
22	Developmental Dynamics of the Definitive Mouse Placenta Assessed by Stereology1. Biology of Reproduction, 2004, 70, 1806-1813.	2.7	244