

Mark R Dilworth

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

840
citations

13
h-index

28
g-index

32
ext. papers

1,019
ext. citations

3.9
avg, IF

3.98
L-index

#	Paper	IF	Citations
31	A missense mutation of ErbB2 produces a novel mouse model of stillbirth associated with a cardiac abnormality but lacking abnormalities of placental structure. <i>PLoS ONE</i> , 2020 , 15, e0233007	3.7	1
30	Human placental uptake of glutamine and glutamate is reduced in fetal growth restriction. <i>Scientific Reports</i> , 2020 , 10, 16197	4.9	8
29	Evidence of adaptation of maternofetal transport of glutamine relative to placental size in normal mice, and in those with fetal growth restriction. <i>Journal of Physiology</i> , 2019 , 597, 4975-4990	3.9	6
28	The problem with using the birthweight:placental weight ratio as a measure of placental efficiency. <i>Placenta</i> , 2018 , 68, 52-58	3.4	15
27	Mechanisms Underpinning Adaptations in Placental Calcium Transport in Normal Mice and Those With Fetal Growth Restriction. <i>Frontiers in Endocrinology</i> , 2018 , 9, 671	5.7	2
26	Melatonin Increases Fetal Weight in Wild-Type Mice but Not in Mouse Models of Fetal Growth Restriction. <i>Frontiers in Physiology</i> , 2018 , 9, 1141	4.6	9
25	Pomegranate Juice Supplementation Alters Utero-Placental Vascular Function and Fetal Growth in the eNOS Mouse Model of Fetal Growth Restriction. <i>Frontiers in Physiology</i> , 2018 , 9, 1145	4.6	8
24	Proton Pump Inhibitors Decrease Soluble fms-Like Tyrosine Kinase-1 and Soluble Endoglin Secretion, Decrease Hypertension, and Rescue Endothelial Dysfunction. <i>Hypertension</i> , 2017 , 69, 457-468	8.5	84
23	Placental Dysfunction Underlies Increased Risk of Fetal Growth Restriction and Stillbirth in Advanced Maternal Age Women. <i>Scientific Reports</i> , 2017 , 7, 9677	4.9	48
22	PTHrP is essential for normal morphogenetic and functional development of the murine placenta. <i>Developmental Biology</i> , 2017 , 430, 325-336	3.1	5
21	Adaptations in Maternofetal Calcium Transport in Relation to Placental Size and Fetal Sex in Mice. <i>Frontiers in Physiology</i> , 2017 , 8, 1050	4.6	8
20	The impact of a human IGF-II analog ([Leu27]IGF-II) on fetal growth in a mouse model of fetal growth restriction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E24-31	6	13
19	Placental Adaptation: What Can We Learn from Birthweight:Placental Weight Ratio?. <i>Frontiers in Physiology</i> , 2016 , 7, 28	4.6	113
18	The atrial natriuretic peptide (ANP) knockout mouse does not exhibit the phenotypic features of pre-eclampsia or demonstrate fetal growth restriction. <i>Placenta</i> , 2016 , 42, 25-7	3.4	2
17	The maternal environment programs postnatal weight gain and glucose tolerance of male offspring, but placental and fetal growth are determined by fetal genotype in the <i>Leprdb/+</i> model of gestational diabetes. <i>Endocrinology</i> , 2015 , 156, 360-6	4.8	13
16	Evaluation of Placental Transport Function 2014 , 673-686		
15	In vitro assessment of mouse fetal abdominal aortic vascular function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R746-54	3.2	7

14	Review: Transport across the placenta of mice and women. <i>Placenta</i> , 2013 , 34 Suppl, S34-9	3.4	106
13	Ex vivo modeling of chemical synergy in prenatal kidney cystogenesis. <i>PLoS ONE</i> , 2013 , 8, e57797	3.7	6
12	Sildenafil citrate increases fetal weight in a mouse model of fetal growth restriction with a normal vascular phenotype. <i>PLoS ONE</i> , 2013 , 8, e77748	3.7	41
11	Crossing mice deficient in eNOS with placental-specific Igf2 knockout mice: a new model of fetal growth restriction. <i>Placenta</i> , 2012 , 33, 1052-4	3.4	4
10	eNOS knockout mouse as a model of fetal growth restriction with an impaired uterine artery function and placental transport phenotype. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R86-93	3.2	80
9	Effect of the anti-oxidant tempol on fetal growth in a mouse model of fetal growth restriction. <i>Biology of Reproduction</i> , 2012 , 87, 25, 1-8	3.9	37
8	Defining fetal growth restriction in mice: A standardized and clinically relevant approach. <i>Placenta</i> , 2011 , 32, 914-6	3.4	25
7	Placental-specific Igf2 knockout mice exhibit hypocalcemia and adaptive changes in placental calcium transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3894-9	11.5	70
6	Review: Adaptation in placental nutrient supply to meet fetal growth demand: implications for programming. <i>Placenta</i> , 2010 , 31 Suppl, S70-4	3.4	66
5	Immunosuppression is essential for successful allogeneic transplantation of the metanephros. <i>Transplantation</i> , 2009 , 88, 151-9	1.8	11
4	Parathyroid hormone-related protein (PTHrP): a modulator of fetal growth and development 2009 , 22-24		
3	Measurement of maternofetal potential difference in parathyroid hormone related protein (PTHrP) knockout mice. <i>Placenta</i> , 2008 , 29, 1041-2	3.4	1
2	Development and functional capacity of transplanted rat metanephroi. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 871-9	4.3	15
1	Increasing renal mass improves survival in anephric rats following metanephros transplantation. <i>Experimental Physiology</i> , 2007 , 92, 263-71	2.4	35