

# Dino A Giussani

## List of Publications by Year in descending order

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232  
papers

8,278  
citations

41344  
49  
h-index

69250  
77  
g-index

234  
all docs

234  
docs citations

234  
times ranked

5509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular regulation of lung maturation in near-term fetal sheep by maternal daily vitamin C treatment in late gestation. <i>Pediatric Research</i> , 2022, 91, 828-838.	2.3	5
2	Fetal growth and spontaneous preterm birth in high-altitude pregnancy: A systematic review, meta-analysis, and meta-regression. <i>International Journal of Gynecology and Obstetrics</i> , 2022, 157, 221-229.	2.3	15
3	Maternal melatonin: Effective intervention against developmental programming of cardiovascular dysfunction in adult offspring of complicated pregnancy. <i>Journal of Pineal Research</i> , 2022, 72, e12766.	7.4	11
4	Vascular Disorders of Pregnancy Increase Susceptibility to Neonatal Pulmonary Hypertension in High-Altitude Populations. <i>Hypertension</i> , 2022, 79, 1286-1296.	2.7	8
5	Metformin Exposure <i>in utero</i> Programmes Hypertension in a Sex-Specific Manner in Adult Offspring of Obese Mice. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	Chronic Hypoxia in Ovine Pregnancy Recapitulates Physiological and Molecular Markers of Preeclampsia in the Mother, Placenta, and Offspring. <i>Hypertension</i> , 2022, 79, 1525-1535.	2.7	17
7	Maternal obesity: new placental paradigms unfolded. <i>Trends in Molecular Medicine</i> , 2022, 28, 823-835.	6.7	15
8	Neonatal glucocorticoid overexposure alters cardiovascular function in young adult horses in a sex-linked manner. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 309-318.	1.4	0
9	Effects of Antenatal Betamethasone on Fetal Doppler Indices and Short Term Fetal Heart Rate Variation in Early Growth Restricted Fetuses. <i>Ultraschall in Der Medizin</i> , 2021, 42, 56-64.	1.5	5
10	Working towards precision medicine in developmental programming. <i>Pediatric Research</i> , 2021, 89, 1606-1607.	2.3	0
11	Mitochondria antioxidant protection against cardiovascular dysfunction programmed by early-onset gestational hypoxia. <i>FASEB Journal</i> , 2021, 35, e21446.	0.5	11
12	Maternal antioxidant treatment protects adult offspring against memory loss and hippocampal atrophy in a rodent model of developmental hypoxia. <i>FASEB Journal</i> , 2021, 35, e21477.	0.5	15
13	Endothelial cell regulation of systemic haemodynamics and metabolism acts through the HIF transcription factors. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 28.	1.9	2
14	Heart during acidosis: Etiology and early detection of cardiac dysfunction. <i>EClinicalMedicine</i> , 2021, 37, 100994.	7.1	1
15	Blood pressure and hypertensive disorders of pregnancy at high altitude: a systematic review and meta-analysis. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , 2021, 3, 100400.	2.6	11
16	Breath of Life: Heart Disease Link to Developmental Hypoxia. <i>Circulation</i> , 2021, 144, 1429-1443.	1.6	27
17	Response: Fetal growth and spontaneous preterm birth in high-altitude pregnancy: A systematic review, meta-analysis, and meta-regression. <i>International Journal of Gynecology and Obstetrics</i> , 2021, 155, 562-562.	2.3	1
18	Noninvasive Biomarkers for Cardiovascular Dysfunction Programmed in Male Offspring of Adverse Pregnancy. <i>Hypertension</i> , 2021, 78, 1818-1828.	2.7	2

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19	Glucocorticoid Maturation of Fetal Cardiovascular Function. Trends in Molecular Medicine, 2020, 26, 170-184.	6.7	20
20	Physiological development of the equine fetus during late gestation. Equine Veterinary Journal, 2020, 52, 165-173.	1.7	11
21	Fetal Oxygen and Glucose Consumption in Human Pregnancy Complicated by Fetal Growth Restriction. Hypertension, 2020, 75, 748-754.	2.7	30
22	Parental ancestry and risk of early pregnancy loss at high altitude. FASEB Journal, 2020, 34, 13741-13749.	0.5	7
23	Maternal and fetal cardiovascular and metabolic effects of intra-operative uterine handling under general anesthesia during pregnancy in sheep. Scientific Reports, 2020, 10, 10867.	3.3	1
24	Isolating adverse effects of glucocorticoids on the embryonic cardiovascular system. FASEB Journal, 2020, 34, 9664-9677.	0.5	8
25	Embryonic cardioprotection by hydrogen sulphide: studies of isolated cardiac function and ischaemia-reperfusion injury in the chicken embryo. Journal of Physiology, 2020, 598, 4197-4208.	2.9	3
26	Altered Cardiovascular Defense to Hypotensive Stress in the Chronically Hypoxic Fetus. Hypertension, 2020, 76, 1195-1207.	2.7	9
27	Translatable mitochondria-targeted protection against programmed cardiovascular dysfunction. Science Advances, 2020, 6, eabb1929.	10.3	41
28	Protective effects of pravastatin on the embryonic cardiovascular system during hypoxic development. FASEB Journal, 2020, 34, 16504-16515.	0.5	6
29	Hypertension Programmed in Adult Hens by Isolated Effects of Developmental Hypoxia In Ovo. Hypertension, 2020, 76, 533-544.	2.7	7
30	Impact of Chronic Fetal Hypoxia and Inflammation on Cardiac Pacemaker Cell Development. Cells, 2020, 9, 733.	4.1	12
31	Perinatal cardiopulmonary adaptation to the thin air of the Alto Andino by a native Altiplano dweller, the llama. Journal of Applied Physiology, 2020, 129, 152-161.	2.5	3
32	Detection and response to acute systemic hypoxia. BJA Education, 2020, 20, 58-64.	1.4	7
33	First evidence that intrinsic fetal heart rate variability exists and is affected by hypoxic pregnancy. Journal of Physiology, 2020, 598, 249-263.	2.9	26
34	Fatty vessels shed tonnes on programmed cardiovascular risk. Journal of Physiology, 2019, 597, 5317-5318.	2.9	0
35	Intervention against hypertension in the next generation programmed by developmental hypoxia. PLoS Biology, 2019, 17, e2006552.	5.6	43
36	Scaling of cardiac morphology is interrupted by birth in the developing sheep <i>Ovis aries</i> . Journal of Anatomy, 2019, 235, 96-105.	1.5	3

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37	Maternal and fetal cardiometabolic recovery following ultrasound-guided high-intensity focused ultrasound placental vascular occlusion. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190013.	3.4	8
38	Chronic gestational hypoxia accelerates ovarian aging and lowers ovarian reserve in next-generation adult rats. <i>FASEB Journal</i> , 2019, 33, 7758-7766.	0.5	20
39	Chronic fetal hypoxia disrupts the periconceptual environment in next-generation adult female rats. <i>Journal of Physiology</i> , 2019, 597, 2391-2401.	2.9	8
40	Combined Antioxidant and Glucocorticoid Therapy for Safer Treatment of Preterm Birth. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 258-269.	7.1	13
41	Preeclampsia link to gestational hypoxia. <i>Journal of Developmental Origins of Health and Disease</i> , 2019, 10, 322-333.	1.4	49
42	Uterine and fetal placental Doppler indices are associated with maternal cardiovascular function. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 96.e1-96.e8.	1.3	37
43	Maternal diet-induced obesity programmes cardiac dysfunction in male mice independently of post-weaning diet. <i>Cardiovascular Research</i> , 2018, 114, 1372-1384.	3.8	88
44	Altered autonomic control of heart rate variability in the chronically hypoxic fetus. <i>Journal of Physiology</i> , 2018, 596, 6105-6119.	2.9	29
45	The role of nitric oxide in the cardiopulmonary response to hypoxia in highland and lowland newborn llamas. <i>Journal of Physiology</i> , 2018, 596, 5907-5923.	2.9	16
46	The highs and lows of programmed cardiovascular disease by developmental hypoxia: studies in the chicken embryo. <i>Journal of Physiology</i> , 2018, 596, 2991-3006.	2.9	24
47	Influence of gestational diabetes on fetal autonomic nervous system: a study using phase-rectified signal averaging analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 52, 347-351.	1.7	10
48	Improving pregnancy outcomes in humans through studies in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1123-R1153.	1.8	111
49	Maternal Allopurinol Prevents Cardiac Dysfunction in Adult Male Offspring Programmed by Chronic Hypoxia During Pregnancy. <i>Hypertension</i> , 2018, 72, 971-978.	2.7	29
50	Placental Adaptation to Early-Onset Hypoxic Pregnancy and Mitochondria-Targeted Antioxidant Therapy in a Rodent Model. <i>American Journal of Pathology</i> , 2018, 188, 2704-2716.	3.8	65
51	Trans-abdominal in vivo placental vessel occlusion using High Intensity Focused Ultrasound. <i>Scientific Reports</i> , 2018, 8, 13631.	3.3	10
52	Isolating the direct effects of adverse developmental conditions on <i>in vivo</i> cardiovascular function at adulthood: the avian model. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 460-466.	1.4	4
53	Maternal exercise intervention in obese pregnancy improves the cardiovascular health of the adult male offspring. <i>Molecular Metabolism</i> , 2018, 16, 35-44.	6.5	51
54	miRNA-210: a hypoxamiR of possibilities. <i>Journal of Physiology</i> , 2018, 596, 5501-5502.	2.9	1

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55	At the heart of accelerated old matter. <i>Journal of Physiology</i> , 2017, 595, 1009-1010.	2.9	0
56	Maternal chronic hypoxia increases expression of genes regulating lung liquid movement and surfactant maturation in male fetuses in late gestation. <i>Journal of Physiology</i> , 2017, 595, 4329-4350.	2.9	17
57	Chronic hypoxaemia as a molecular regulator of fetal lung development: implications for risk of respiratory complications at birth. <i>Paediatric Respiratory Reviews</i> , 2017, 21, 3-10.	1.8	15
58	Sildenafil therapy for fetal cardiovascular dysfunction during hypoxic development: studies in the chick embryo. <i>Journal of Physiology</i> , 2017, 595, 1563-1573.	2.9	26
59	Acute hypoxiaâ€œreoxygenation and vascular oxygen sensing in the chicken embryo. <i>Physiological Reports</i> , 2017, 5, e13501.	1.7	4
60	Neural Regulation of Blood Pressure During Fetal and Newborn Life. , 2017, , 573-584.e4.		0
61	Phase-rectified signal averaging method to predict perinatal outcome in infants with very preterm fetal growth restriction- a secondary analysis of TRUFFLE-trial. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 630.e1-630.e7.	1.3	24
62	Cardiovascular function in term fetal sheep conceived, gestated and studied in the hypobaric hypoxia of the Andean <i>altiplano</i>. <i>Journal of Physiology</i> , 2016, 594, 1231-1245.	2.9	22
63	Mind the gap: fetal physiology from bench to bedside. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 617-620.	2.8	0
64	Fetal <i>in vivo</i> continuous cardiovascular function during chronic hypoxia. <i>Journal of Physiology</i> , 2016, 594, 1247-1264.	2.9	60
65	The fetal brain sparing response to hypoxia: physiological mechanisms. <i>Journal of Physiology</i> , 2016, 594, 1215-1230.	2.9	253
66	Labouring on decelerations: the fetal peripheral chemoreflex wins. <i>Journal of Physiology</i> , 2016, 594, 4699-4700.	2.9	2
67	Hypoxia, fetal and neonatal physiology: 100 years on from Sir Joseph Barcroft. <i>Journal of Physiology</i> , 2016, 594, 1105-1111.	2.9	10
68	Impaired Nitric Oxide Mediated Vasodilation In The Peripheral Circulation In The R6/2 Mouse Model Of Huntingdonâ€™s Disease. <i>Scientific Reports</i> , 2016, 6, 25979.	3.3	6
69	Divergence of mechanistic pathways mediating cardiovascular aging and developmental programming of cardiovascular disease. <i>FASEB Journal</i> , 2016, 30, 1968-1975.	0.5	54
70	Melatonin rescues cardiovascular dysfunction during hypoxic development in the chick embryo. <i>Journal of Pineal Research</i> , 2016, 60, 16-26.	7.4	46
71	Noninvasive high-intensity focused ultrasound treatment of twin-twin transfusion syndrome: A preliminary in vivo study. <i>Science Translational Medicine</i> , 2016, 8, 347ra95.	12.4	28
72	Hypoxia, AMPK activation and uterine artery vasoreactivity. <i>Journal of Physiology</i> , 2016, 594, 1357-1369.	2.9	51

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73	Variations on fetal heart rate variability. Journal of Physiology, 2016, 594, 1279-1280.	2.9	10
74	Melatonin modulates the fetal cardiovascular defense response to acute hypoxia. Journal of Pineal Research, 2015, 59, 80-90.	7.4	41
75	Developmental Expression and Glucocorticoid Control of the Leptin Receptor in Fetal Ovine Lung. PLoS ONE, 2015, 10, e0136115.	2.5	7
76	Induction of controlled hypoxic pregnancy in large mammalian species. Physiological Reports, 2015, 3, e12614.	1.7	47
77	Maternal Dexamethasone Treatment Alters Tissue and Circulating Components of the Renin-Angiotensin System in the Pregnant Ewe and Fetus. Endocrinology, 2015, 156, 3038-3046.	2.8	12
78	Pathophysiological mechanisms of high-intensity focused ultrasound-mediated vascular occlusion and relevance to non-invasive fetal surgery. Journal of the Royal Society Interface, 2014, 11, 20140029.	3.4	46
79	Antenatal Allopurinol Reduces Hippocampal Brain Damage After Acute Birth Asphyxia in Late Gestation Fetal Sheep. Reproductive Sciences, 2014, 21, 251-259.	2.5	16
80	Maternal Diet-induced Obesity Programs Cardiovascular Dysfunction in Adult Male Mouse Offspring Independent of Current Body Weight. Endocrinology, 2014, 155, 3970-3980.	2.8	98
81	Heart Disease Link to Fetal Hypoxia and Oxidative Stress. Advances in Experimental Medicine and Biology, 2014, 814, 77-87.	1.6	58
82	Xanthine oxidase and the fetal cardiovascular defence to hypoxia in late gestation ovine pregnancy. Journal of Physiology, 2014, 592, 475-489.	2.9	36
83	High-Altitude Hypoxia and Echocardiographic Indices of Pulmonary Hypertension in Male and Female Chickens at Adulthood. Circulation Journal, 2014, 78, 1459-1464.	1.6	19
84	Reduced Cystathionine $\beta$ -Lyase and Increased miR-21 Expression Are Associated with Increased Vascular Resistance in Growth-Restricted Pregnancies. American Journal of Pathology, 2013, 182, 1448-1458.	3.8	120
85	Statins prevent adverse effects of postnatal glucocorticoid therapy on the developing brain in rats. Pediatric Research, 2013, 74, 639-645.	2.3	9
86	Coenzyme Q10 prevents accelerated cardiac aging in a rat model of poor maternal nutrition and accelerated postnatal growth. Molecular Metabolism, 2013, 2, 480-490.	6.5	44
87	Graduated effects of high-altitude hypoxia and highland ancestry on birth size. Pediatric Research, 2013, 74, 633-638.	2.3	84
88	Defining the relationship between fetal Doppler indices, abdominal circumference and growth rate in severe fetal growth restriction using functional linear discriminant analysis. Journal of the Royal Society Interface, 2013, 10, 20130376.	3.4	11
89	High altitude hypoxia and blood pressure dysregulation in adult chickens. Journal of Developmental Origins of Health and Disease, 2013, 4, 69-76.	1.4	19
90	Developmental programming of cardiovascular disease by prenatal hypoxia. Journal of Developmental Origins of Health and Disease, 2013, 4, 328-337.	1.4	147

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91	Diagnosis of laryngotracheal stenosis from routine pulmonary physiology using the expiratory disproportion index. <i>Laryngoscope</i> , 2013, 123, 3099-3104.	2.0	51
92	Antioxidant treatment improves neonatal survival and prevents impaired cardiac function at adulthood following neonatal glucocorticoid therapy. <i>Journal of Physiology</i> , 2013, 591, 5083-5093.	2.9	34
93	Maternal-to-fetal allopurinol transfer and xanthine oxidase suppression in the late gestation pregnant rat. <i>Physiological Reports</i> , 2013, 1, e00156.	1.7	9
94	Vitamin C Prevents Intrauterine Programming of in vivo Cardiovascular Dysfunction in the Rat. <i>Circulation Journal</i> , 2013, 77, 2604-2611.	1.6	60
95	The Programming of Cardiac Hypertrophy in the Offspring by Maternal Obesity Is Associated with Hyperinsulinemia, AKT, ERK, and mTOR Activation. <i>Endocrinology</i> , 2012, 153, 5961-5971.	2.8	122
96	Morphological and Functional Alterations in the Aorta of the Chronically Hypoxic Fetal Rat. <i>Journal of Vascular Research</i> , 2012, 49, 50-58.	1.4	31
97	Remote ischemic preconditioning in percutaneous coronary revascularization: a double-blind randomized controlled clinical trial. <i>Asian Cardiovascular and Thoracic Annals</i> , 2012, 20, 548-554.	0.5	38
98	A role for xanthine oxidase in the control of fetal cardiovascular function in late gestation sheep. <i>Journal of Physiology</i> , 2012, 590, 1825-1837.	2.9	31
99	Ascorbate prevents placental oxidative stress and enhances birth weight in hypoxic pregnancy in rats. <i>Journal of Physiology</i> , 2012, 590, 1377-1387.	2.9	83
100	The heme oxygenase–carbon monoxide system in the regulation of cardiorespiratory function at high altitude. <i>Respiratory Physiology and Neurobiology</i> , 2012, 184, 186-191.	1.6	18
101	Effects of Cortisol and Dexamethasone on Insulin Signalling Pathways in Skeletal Muscle of the Ovine Fetus during Late Gestation. <i>PLoS ONE</i> , 2012, 7, e52363.	2.5	29
102	Direct Evidence of Progressive Cardiac Dysfunction in a Transgenic Mouse Model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2012, 1, 57-64.	1.9	31
103	Statin treatment depresses the fetal defence to acute hypoxia via increasing nitric oxide bioavailability. <i>Journal of Physiology</i> , 2012, 590, 323-334.	2.9	43
104	Developmental Programming of Cardiovascular Dysfunction by Prenatal Hypoxia and Oxidative Stress. <i>PLoS ONE</i> , 2012, 7, e31017.	2.5	228
105	Adrenocortical Suppression in Highland Chick Embryos Is Restored during Incubation at Sea Level. <i>High Altitude Medicine and Biology</i> , 2011, 12, 79-87.	0.9	5
106	Oxidative Stress in the Developing Brain: Effects of Postnatal Glucocorticoid Therapy and Antioxidants in the Rat. <i>PLoS ONE</i> , 2011, 6, e21142.	2.5	32
107	Fetal and postnatal pulmonary circulation in the Alto Andino. <i>Placenta</i> , 2011, 32, S100-S103.	1.5	23
108	Counterpoint: High Altitude is not for the Birds!. <i>Journal of Applied Physiology</i> , 2011, 111, 1515-1518.	2.5	4



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109	Last Word on Point:Counterpoint: High altitude is/is not for the birds!. Journal of Applied Physiology, 2011, 111, 1526-1526.	2.5	0
110	Sex Differences in the Ovine Fetal Cortisol Response to Stress. Pediatric Research, 2011, 69, 118-122.	2.3	23
111	Prenatal hypoxia independent of undernutrition promotes molecular markers of insulin resistance in adult offspring. FASEB Journal, 2011, 25, 420-427.	0.5	64
112	The vulnerable developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2641-2642.	7.1	41
113	Role of the $\beta$ -adrenergic system in femoral vascular reactivity in neonatal llamas and sheep: a comparative study between highland and lowland species. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1153-R1160.	1.8	12
114	Cardiac and vascular disease prior to hatching in chick embryos incubated at high altitude. Journal of Developmental Origins of Health and Disease, 2010, 1, 60-66.	1.4	28
115	Partial contributions of developmental hypoxia and undernutrition to prenatal alterations in somatic growth and cardiovascular structure and function. American Journal of Obstetrics and Gynecology, 2010, 203, 495.e24-495.e34.	1.3	74
116	Melatonin and vitamin C increase umbilical blood flow via nitric oxide-dependent mechanisms. Journal of Pineal Research, 2010, 49, 399-406.	7.4	97
117	Redox modulation of the fetal cardiovascular defence to hypoxaemia. Journal of Physiology, 2010, 588, 4235-4247.	2.9	57
118	Long-term exposure to high-altitude chronic hypoxia during gestation induces neonatal pulmonary hypertension at sea level. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1676-R1684.	1.8	61
119	Allopurinol Reduces Oxidative Stress in the Ovine Fetal Cardiovascular System Following Repeated Episodes of Ischemia-Reperfusion. Pediatric Research, 2010, 68, 1.	2.3	26
120	Paraoxonase-3, a Putative Circulating Antioxidant, Is Systemically Up-Regulated in Late Gestation in the Fetal Rat, Sheep, and Human. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3798-3805.	3.6	16
121	Investigation of the Use of Antioxidants to Diminish the Adverse Effects of Postnatal Glucocorticoid Treatment on Mortality and Cardiac Development. Neonatology, 2010, 98, 73-83.	2.0	26
122	Antioxidant Treatment Alters Peripheral Vascular Dysfunction Induced by Postnatal Glucocorticoid Therapy in Rats. PLoS ONE, 2010, 5, e9250.	2.5	53
123	Effects of acute acidemia on the fetal cardiovascular defense to acute hypoxemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R90-R99.	1.8	36
124	Nitric Oxide Reduces Vagal Baroreflex Sensitivity in the Late Gestation Fetus. Pediatric Research, 2009, 65, 269-273.	2.3	12
125	Antenatal glucocorticoid therapy increases glucose delivery to cerebral circulations during acute hypoxemia in fetal sheep during late gestation. American Journal of Obstetrics and Gynecology, 2009, 201, 82.e1-82.e8.	1.3	13
126	Melatonin improves placental efficiency and birth weight and increases the placental expression of antioxidant enzymes in undernourished pregnancy. Journal of Pineal Research, 2009, 46, 357-364.	7.4	150



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127	Physiological comparison of spontaneous and positive-pressure ventilation in laryngotracheal stenosis. <i>British Journal of Anaesthesia</i> , 2008, 101, 419-423.	3.4	74
128	Localization and Control of Expression of VEGF-A and the VEGFR-2 Receptor in Fetal Sheep Intestines. <i>Pediatric Research</i> , 2008, 63, 143-148.	2.3	18
129	Effects of dexamethasone on the glucogenic capacity of fetal, pregnant, and non-pregnant adult sheep. <i>Journal of Endocrinology</i> , 2007, 192, 67-73.	2.6	50
130	Carbon monoxide: a novel pulmonary artery vasodilator in neonatal llamas of the Andean altiplano. <i>Cardiovascular Research</i> , 2007, 77, 197-201.	3.8	38
131	Differential Effects of Maternal Dexamethasone Treatment on Circulating Thyroid Hormone Concentrations and Tissue Deiodinase Activity in the Pregnant Ewe and Fetus. <i>Endocrinology</i> , 2007, 148, 800-805.	2.8	41
132	High-altitude chronic hypoxia during gestation and after birth modifies cardiovascular responses in newborn sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R2234-R2240.	1.8	85
133	Evolving in thin air—Lessons from the llama fetus in the altiplano. <i>Respiratory Physiology and Neurobiology</i> , 2007, 158, 298-306.	1.6	29
134	Quantifying the Physiology of Laryngotracheal Stenosis: Changes in Pulmonary Dynamics in Response to Graded Extrathoracic Resistive Loading. <i>Laryngoscope</i> , 2007, 117, 581-588.	2.0	35
135	Incidence and Significance of Myocardial Injury After Surgical Treatment of Head and Neck Cancer. <i>Laryngoscope</i> , 2007, 117, 1581-1587.	2.0	17
136	Hypoxia, fetal growth and early origins of disease: the Andean curse on the Conquistadors. <i>Journal of Physiology</i> , 2007, 582, 472-472.	2.9	6
137	The role of oxygen in prenatal growth: studies in the chick embryo. <i>Journal of Physiology</i> , 2007, 585, 911-917.	2.9	90
138	Intrauterine Programming of Physiological Systems: Causes and Consequences. <i>Physiology</i> , 2006, 21, 29-37.	3.1	367
139	Prenatal hypoxia: relevance to developmental origins of health and disease. , 2006, , 178-190.		2
140	Development of baroreflex function and hind limb vascular reactivity in the horse fetus. <i>Journal of Physiology</i> , 2006, 572, 155-164.	2.9	15
141	Development of the ovine fetal cardiovascular defense to hypoxemia towards full term. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H3023-H3034.	3.2	86
142	Hypoxia, Fetal Growth and Developmental Origins of Health and Disease. , 2006, , 219-224.		1
143	The effects of pregnancy on the cardiovascular response to acute systemic isocapnic hypoxia in conscious sheep. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 889-896.	2.3	0
144	Effects of gestational age and cortisol treatment on ovine fetal heart function in a novel biventricular Langendorff preparation. <i>Journal of Physiology</i> , 2005, 562, 493-505.	2.9	15

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145	Calcitonin gene-related peptide contributes to the umbilical haemodynamic defence response to acute hypoxaemia. <i>Journal of Physiology</i> , 2005, 563, 309-317.	2.9	11
146	Development of cardiovascular function in the horse fetus. <i>Journal of Physiology</i> , 2005, 565, 1019-1030.	2.9	34
147	Calcitonin gene-related peptide antagonism attenuates the haemodynamic and glycaemic responses to acute hypoxaemia in the late gestation sheep fetus. <i>Journal of Physiology</i> , 2005, 566, 587-597.	2.9	3
148	Fetal cardiovascular, metabolic and endocrine responses to acute hypoxaemia during and following maternal treatment with dexamethasone in sheep. <i>Journal of Physiology</i> , 2005, 567, 673-688.	2.9	52
149	Endocrine and metabolic programming during intrauterine development. <i>Early Human Development</i> , 2005, 81, 723-734.	1.8	167
150	Development of baroreflex and endocrine responses to hypotensive stress in newborn foals and lambs. <i>Pflugers Archiv European Journal of Physiology</i> , 2005, 450, 298-306.	2.8	28
151	Vasodilator tone in the llama fetus: the role of nitric oxide during normoxemia and hypoxemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R776-R783.	1.8	16
152	Chronic umbilical cord compression results in accelerated maturation of lung and brown adipose tissue in the sheep fetus during late gestation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E456-E465.	3.5	14
153	Role of Nitric Oxide in Mediating In Vivo Vascular Responses to Calcitonin Gene-Related Peptide in Essential and Peripheral Circulations in the Fetus. <i>Circulation</i> , 2005, 112, 2510-2516.	1.6	17
154	Acute Hypoxia Increases S100 $\beta$ Protein in Association with Blood Flow Redistribution away from Peripheral Circulations in Fetal Sheep. <i>Pediatric Research</i> , 2005, 58, 179-184.	2.3	32
155	The Role of Calcitonin Gene-Related Peptide in the in Vivo Pituitary-Adrenocortical Response to Acute Hypoxemia in the Late-Gestation Sheep Fetus. <i>Endocrinology</i> , 2005, 146, 4871-4877.	2.8	1
156	Maturation of pancreatic $\beta$ -cell function in the fetal horse during late gestation. <i>Journal of Endocrinology</i> , 2005, 186, 467-473.	2.6	28
157	Carotid endarterectomy impairs blood pressure homeostasis by reducing the physiologic baroreflex reserve. <i>Journal of Vascular Surgery</i> , 2005, 41, 631-637.	1.1	61
158	Antenatal glucocorticoids reset the level of baseline and hypoxemia-induced pituitary-adrenal activity in the sheep fetus during late gestation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E311-E319.	3.5	24
159	Pituitary-Adrenal Responses to Acute Hypoxemia During and After Maternal Dexamethasone Treatment in Sheep. <i>Pediatric Research</i> , 2004, 56, 864-872.	2.3	13
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