Christopher Torrens

List of Publications by Year
in descending order

47 papers	2,681 citations	331259 21 h-index	315357 38 g-index
51 all docs	51 docs citations	51 times ranked	2637 citing authors

#	Article	IF	Citations
1	Human placental villi contain stromal macrovesicles associated with networks of stellate cells. Journal of Anatomy, 2020, 236, 132-141.	0.9	18
2	The sins of the fathers: why we should care about paternal diet around conception. Journal of Physiology, 2020, 598, 615-616.	1.3	0
3	Maternal high fat diet in mice alters immune regulation and lung function in the offspring. British Journal of Nutrition, 2020, 126, 1-24.	1.2	7
4	How to beet hypertension in pregnancy: is there more to beetroot juice than nitrate?. Journal of Physiology, 2020, 598, 3823-3824.	1.3	2
5	Serial blockâ€face scanning electron microscopy reveals novel intercellular connections in human term placental microvasculature. Journal of Anatomy, 2020, 237, 241-249.	0.9	21
6	Defective NOTCH signaling drives increased vascular smooth muscle cell apoptosis and contractile differentiation in bicuspid aortic valve aortopathy: A review of the evidence and future directions. Trends in Cardiovascular Medicine, 2019, 29, 61-68.	2.3	21
7	Defective NOTCH signalling drives smooth muscle cell death and differentiation in bicuspid aortic valve aortopathy. European Journal of Cardio-thoracic Surgery, 2019, 56, 117-125.	0.6	11
8	Ursodeoxycholic acid inhibits uptake and vasoconstrictor effects of taurocholate in human placenta. FASEB Journal, 2019, 33, 8211-8220.	0.2	29
9	Aortic Stenosis Prognostication in Patients With Type 2 Diabetes: Protocol for Testing and Validation of a Biomarker-Derived Scoring System. JMIR Research Protocols, 2019, 8, e13186.	0.5	5
10	Do you see what I see? Viewing the world through the prism of colour blindness. , 2019, , 29-31.		0
11	Resolvin E1, resolvin D1 and resolvin D2 inhibit constriction of rat thoracic aorta and human pulmonary artery induced by the thromboxane mimetic U46619. British Journal of Pharmacology, 2018, 175, 1100-1108.	2.7	28
12	Candidate plasma biomarkers for predicting ascending aortic aneurysm in bicuspid aortic valve disease. Journal of Cardiothoracic Surgery, 2018, 13, 76.	0.4	6
13	Phase contrast synchrotron radiation computed tomography of muscle spindles in the mouse soleus muscle. Journal of Anatomy, 2017, 230, 859-865.	0.9	17
14	Serial blockâ€face scanning electron microscopy of erythrocytes protruding through the human placental syncytiotrophoblast. Journal of Anatomy, 2017, 231, 634-637.	0.9	9
15	Developmental conditioning of endothelium-derived hyperpolarizing factor-mediated vasorelaxation. Journal of Hypertension, 2016, 34, 452-463.	0.3	11
16	Endogenous Reference Genes for Gene Expression Studies on Bicuspid Aortic Valve Associated Aortopathy in Humans. PLoS ONE, 2016, 11, e0164329.	1.1	11
17	Polyunsaturated fatty acid biosynthesis is involved in phenylephrine-mediated calcium release in vascular smooth muscle cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 101, 31-39.	1.0	6
18	The microvasculature: a target for nutritional programming and later risk of cardioâ€metabolic disease. Acta Physiologica, 2014, 210, 31-45.	1.8	21

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19	Prenatal development is linked to bronchial reactivity: epidemiological and animal model evidence. Scientific Reports, 2014, 4, 4705.	1.6	13
20	Maternal fat intake in rats alters 20:4n-6 and 22:6n-3 status and the epigenetic regulation of Fads2 in offspring liver. Journal of Nutritional Biochemistry, 2013, 24, 1213-1220.	1.9	104
21	Maternal fatâ€rich diet alters vasodilatation response in adult offspring. FASEB Journal, 2013, 27, 679.3.	0.2	0
22	Developmental exposure to bisphenol A leads to cardiometabolic dysfunction in adult mouse offspring. Journal of Developmental Origins of Health and Disease, 2012, 3, 287-292.	0.7	16
23	Interaction between Maternal and Offspring Diet to Impair Vascular Function and Oxidative Balance in High Fat Fed Male Mice. PLoS ONE, 2012, 7, e50671.	1.1	53
24	Vascular Dysfunction Induced in Offspring by Maternal Dietary Fat Involves Altered Arterial Polyunsaturated Fatty Acid Biosynthesis. PLoS ONE, 2012, 7, e34492.	1.1	53
25	Type and amount of maternal dietary fat induce altered hepatic lipid metabolism in adult female offspring in rats. Proceedings of the Nutrition Society, 2011, 70, .	0.4	0
26	Maternal high fat diet induces impaired polyunsaturated fatty acid synthesis in adult female offspring in rats. Proceedings of the Nutrition Society, 2011, 70, .	0.4	0
27	Loitering in the shadows: the cardiovascular implications of vitamin D during development. Journal of Physiology, 2011, 589, 4637-4637.	1.3	1
28	Feeding a protein-restricted diet during pregnancy induces altered epigenetic regulation of peroxisomal proliferator-activated receptor-Î± in the heart of the offspring. Journal of Developmental Origins of Health and Disease, 2011, 2, 250-255.	0.7	57
29	Maternal low-protein diet during mouse pre-implantation development induces vascular dysfunction and altered reninâ€“angiotensin-system homeostasis in the offspring. British Journal of Nutrition, 2010, 103, 1762-1770.	1.2	78
30	Atorvastatin Restores Endothelial Function in Offspring of Protein-Restricted Rats in a Cholesterol-Independent Manner. Hypertension, 2009, 53, 661-667.	1.3	37
31	Effects of pre- and periconceptional undernutrition on arterial function in adult female sheep are vascular bed dependent. Experimental Physiology, 2009, 94, 1024-1033.	0.9	41
32	Maternal undernutrition leads to endothelial dysfunction in adult male rat offspring independent of postnatal diet. British Journal of Nutrition, 2009, 101, 27-33.	1.2	50
33	Low protein diet fed exclusively during mouse oocyte maturation leads to behavioural and cardiovascular abnormalities in offspring. Journal of Physiology, 2008, 586, 2231-2244.	1.3	165
34	Endothelial dysfunction and reduced antioxidant protection in an animal model of the developmental origins of cardiovascular disease. Journal of Physiology, 2008, 586, 4709-4720.	1.3	53
35	Feeding pregnant rats a protein-restricted diet persistently alters the methylation of specific cytosines in the hepatic PPARÎ± promoter of the offspring. British Journal of Nutrition, 2008, 100, 278-282.	1.2	438
36	Transmission of raised blood pressure and endothelial dysfunction to the F₂generation induced by maternal protein restriction in the F₀, in the absence of dietary challenge in the F₁generation. British Journal of Nutrition, 2008, 100, 760-766.	1.2	103

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37	Mismatched pre- and postnatal nutrition leads to cardiovascular dysfunction and altered renal function in adulthood. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9529-9533.	3.3	133
38	Dietary protein restriction of pregnant rats in the F0 generation induces altered methylation of hepatic gene promoters in the adult male offspring in the F1 and F2 generations. British Journal of Nutrition, 2007, 97, 435-439.	1.2	415
39	1D-4 Maternal low protein diet during oocyte maturation causes increased systolic blood pressure and abnormal behaviour in the mouse. Early Human Development, 2007, 83, S50.	0.8	0
40	P2-63 Cardiovascular health is compromised in mouse offspring following environmental or genetic manipulations on the preimplantation embryo. Early Human Development, 2007, 83, S146-S147.	0.8	0
41	MATERNAL LOW PROTEIN DIET DURING OOCYTE MATURATION CAUSES INCREASED SYSTOLIC BLOOD PRESSURE AND ABNORMAL BEHAVIOR IN THE MOUSE. Biology of Reproduction, 2007, 77, 208-208.	1.2	0
42	The role of vascular dysfunction in developmental origins of health and disease: evidence from human and animal studies. , 2006, , 286-299.		0
43	Folate Supplementation During Pregnancy Improves Offspring Cardiovascular Dysfunction Induced by Protein Restriction. Hypertension, 2006, 47, 982-987.	1.3	193
44	Effects of pre-natal and early post-natal undernutrition on adult internal thoracic artery function. European Journal of Cardio-thoracic Surgery, 2005, 28, 811-815.	0.6	15
45	Glycine rectifies vascular dysfunction induced by dietary protein imbalance during pregnancy. Journal of Physiology, 2004, 554, 497-504.	1.3	111
46	Dietary Protein Restriction in Pregnancy Induces Hypertension and Vascular Defects in Rat Male Offspring. Pediatric Research, 2003, 54, 83-90.	1.1	230
47	Maternal protein restriction in the rat impairs resistance artery but not conduit artery function in pregnant offspring. Journal of Physiology, 2003, 547, 77-84.	1.3	96