# James Todd Pearson

List of Publications by Year
in descending order



| 126 | 2,635 | 201575 | 254106 |
|---|---|---|---|
| papers | citations | 27 h-index | 43 g-index |

| 130 | 130 | 130 | 4254 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Type 2 immune polarization is associated with cardiopulmonary disease in preterm infants. Science Translational Medicine, 2022, 14, eaaz8454. | 5.8 | 14 |
| 2 | Increased contribution of KCa channels to muscle contraction induced vascular and blood flow responses in sedentary and exercise trained ZFDM rats. Journal of Physiology, 2022, , . | 1.3 | 1 |
| 3 | Endothelial Natriuretic Peptide Receptor 1 Play Crucial Role for Acute and Chronic Blood Pressure Regulation by Atrial Natriuretic Peptide. Hypertension, 2022, 79, 1409-1422. | 1.3 | 5 |
| 4 | Î²-blockade prevents coronary macro- and microvascular dysfunction induced by a high salt diet and insulin resistance in the Gotoâ€“Kakizaki rat. Clinical Science, 2021, 135, 327-346. | 1.8 | 3 |
| 5 | Activation of the cardiac non-neuronal cholinergic system prevents the development of diabetes-associated cardiovascular complications. Cardiovascular Diabetology, 2021, 20, 50. | 2.7 | 17 |
| 6 | Aryl hydrocarbon receptor is essential for the pathogenesis of pulmonary arterial hypertension. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 24 |
| 7 | Evaluation of right coronary vascular dysfunction in severe pulmonary hypertensive rats using synchrotron radiation microangiography. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1021-H1036. | 1.5 | 5 |
| 8 | Carrierâ€mediated serotonin efflux induced by pharmacological anoxia in the rat heart in vivo. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1685-1692. | 0.9 | 1 |
| 9 | Cerebral haemodynamic response to somatosensory stimulation in preterm lambs and 7â€“10-day old lambs born at term: Direct synchrotron microangiography assessment. Journal of Cerebral Blood Flow and Metabolism, 2021, , 0271678X2110458. | 2.4 | 1 |
| 10 | Effect of age on the vascular proteome in middle cerebral arteries and mesenteric resistance arteries in mice. Mechanisms of Ageing and Development, 2021, 200, 111594. | 2.2 | 5 |
| 11 | Using Synchrotron Radiation Imaging Techniques to Elucidate the Actions of Hexarelin in the Heart of Small Animal Models. Frontiers in Physiology, 2021, 12, 766818. | 1.3 | 0 |
| 12 | Exercise Regulates MicroRNAs to Preserve Coronary and Cardiac Function in the Diabetic Heart. Circulation Research, 2020, 127, 1384-1400. | 2.0 | 37 |
| 13 | Dysregulation of ghrelin in diabetes impairs the vascular reparative response to hindlimb ischemia in a mouse model; clinical relevance to peripheral artery disease. Scientific Reports, 2020, 10, 13651. | 1.6 | 8 |
| 14 | Liraglutide treatment improves the coronary microcirculation in insulin resistant Zucker obese rats on a high salt diet. Cardiovascular Diabetology, 2020, 19, 24. | 2.7 | 24 |
| 15 | Threshold and saturation pressures of baroreflex-mediated myocardial interstitial acetylcholine release in rats. Autonomic Neuroscience: Basic and Clinical, 2020, 225, 102657. | 1.4 | 1 |
| 16 | Biomedical Micro-CT and Micro-angiography Systems Using High Megapixel Digital Single-lens Reflex Cameras and Synchrotron Radiation. , 2020, , . | | 1 |
| 17 | Increased peak end-expiratory pressure in ventilated preterm lambs changes cerebral microvascular perfusion: direct synchrotron microangiography assessment. Journal of Applied Physiology, 2020, 129, 1075-1084. | 1.2 | 4 |
| 18 | Investigating In Vivo Myocardial and Coronary Molecular Pathophysiology in Mice with X-Ray Radiation Imaging Approaches. , 2020, , 147-162. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Evaluation of Hindlimb Arteriolar Vasodilation Evoked by Dynamic Muscle Contraction in Gotoâ€Kakizaki Rats Using in vivo Xâ€ray Microangiography. FASEB Journal, 2020, 34, 1-1. | 0.2 | 0 |
| 20 | Contribution of afferent pathway to vagal nerve stimulation-induced myocardial interstitial acetylcholine release in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R517-R525. | 0.9 | 3 |
| 21 | Interleukin-1 Receptor Antagonist Protects Newborn Mice Against Pulmonary Hypertension. Frontiers in Immunology, 2019, 10, 1480. | 2.2 | 35 |
| 22 | Diastolic dysfunction is initiated by cardiomyocyte impairment ahead of endothelial dysfunction due to increased oxidative stress and inflammation in an experimental prediabetes model. Journal of Molecular and Cellular Cardiology, 2019, 137, 119-131. | 0.9 | 27 |
| 23 | Cooperative action of APJ and Î±1A-adrenergic receptor in vascular smooth muscle cells induces vasoconstriction. Journal of Biochemistry, 2019, 166, 383-392. | 0.9 | 14 |
| 24 | Liraglutide Improves Renal Endothelial Function in Obese Zucker Rats on a High-Salt Diet. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 375-388. | 1.3 | 14 |
| 25 | Accentuated antagonism of vagal heart rate control and less potent prejunctional inhibition of vagal acetylcholine release during sympathetic nerve stimulation in the rat. Autonomic Neuroscience: Basic and Clinical, 2019, 218, 25-30. | 1.4 | 4 |
| 26 | Serotonin uptake via plasma membrane monoamine transporter during myocardial ischemiaâ€reperfusion in the rat heart in vivo. Physiological Reports, 2019, 7, e14297. | 0.7 | 7 |
| 27 | Central activation of cardiac vagal nerve by Î±2-adrenergic stimulation is impaired in streptozotocin-induced type 1 diabetic rats. Autonomic Neuroscience: Basic and Clinical, 2019, 216, 39-45. | 1.4 | 3 |
| 28 | Metformin intervention prevents cardiac dysfunction in a murine model of adult congenital heart disease. Molecular Metabolism, 2019, 20, 102-114. | 3.0 | 11 |
| 29 | Ghrelin and vascular protection. Vascular Biology (Bristol, England), 2019, 1, H97-H102. | 1.2 | 7 |
| 30 | Drinking by amphibious fish: convergent evolution of thirst mechanisms during vertebrate terrestrialization. Scientific Reports, 2018, 8, 625. | 1.6 | 19 |
| 31 | Ghrelin Preserves Ischemia-Induced Vasodilation of Male Rat Coronary Vessels Following Î²-Adrenergic Receptor Blockade. Endocrinology, 2018, 159, 1763-1773. | 1.4 | 9 |
| 32 | Three-dimensional morphometric analysis of the renal vasculature. American Journal of Physiology - Renal Physiology, 2018, 314, F715-F725. | 1.3 | 8 |
| 33 | Ghrelin Pre-treatment Attenuates Local Oxidative Stress and End Organ Damage During Cardiopulmonary Bypass in Anesthetized Rats. Frontiers in Physiology, 2018, 9, 196. | 1.3 | 16 |
| 34 | Progressive Decrease in Coronary Vascular Function Associated With Type 2 Diabetic Heart Disease. Frontiers in Physiology, 2018, 9, 696. | 1.3 | 9 |
| 35 | Exercise mediated protection of diabetic heart through modulation of microRNA mediated molecular pathways. Cardiovascular Diabetology, 2017, 16, 10. | 2.7 | 46 |
| 36 | Vagal denervation inhibits the increase in pulmonary blood flow during partial lung aeration at birth. Journal of Physiology, 2017, 595, 1593-1606. | 1.3 | 18 |

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| 37 | Lung hypoplasia in newborn rabbits with a diaphragmatic hernia affects pulmonary ventilation but not perfusion. Pediatric Research, 2017, 82, 536-543. | 1.1 | 14 |
| 38 | Myocardial interstitial levels of serotonin and its major metabolite 5-hydroxyindole acetic acid during ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H60-H67. | 1.5 | 15 |
| 39 | Beyond proof of concepts for ideal cardiac regenerative therapy. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 964-965. | 0.4 | 0 |
| 40 | Cardiac vagal control in a knock-in mouse model of dilated cardiomyopathy with a troponin mutation. Autonomic Neuroscience: Basic and Clinical, 2017, 205, 33-40. | 1.4 | 2 |
| 41 | Microvascular leakage in acute myocardial infarction: characterization by histology, biochemistry, and magnetic resonance imaging. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H1068-H1075. | 1.5 | 19 |
| 42 | Azilsartan ameliorates diabetic cardiomyopathy in young db/db mice through the modulation of ACE-2/ANG 1â€“7/Mas receptor cascade. Biochemical Pharmacology, 2017, 144, 90-99. | 2.0 | 51 |
| 43 | Microâ€computed tomographic analysis of the radial geometry of intrarenal arteryâ€vein pairs in rats and rabbits: Comparison with light microscopy. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 1241-1253. | 0.9 | 11 |
| 44 | Widespread Coronary Dysfunction in the Absence of HDL Receptor SR-B1 in an Ischemic Cardiomyopathy Mouse Model. Scientific Reports, 2017, 7, 18108. | 1.6 | 20 |
| 45 | Ghrelin, MicroRNAs, and Critical Limb Ischemia: Hungering for a Novel Treatment Option. Frontiers in Endocrinology, 2017, 8, 350. | 1.5 | 9 |
| 46 | Diffusion Tensor Imaging Colour Mapping Threshold for Identification of Ventilation-Induced Brain Injury after Intrauterine Inflammation in Preterm Lambs. Frontiers in Pediatrics, 2017, 5, 70. | 0.9 | 3 |
| 47 | Influence of coronary architecture on the variability in myocardial infarction induced by coronary ligation in rats. PLoS ONE, 2017, 12, e0183323. | 1.1 | 16 |
| 48 | Diffusion tensor imaging detects ventilation-induced brain injury in preterm lambs. PLoS ONE, 2017, 12, e0188737. | 1.1 | 5 |
| 49 | Analysis of the microvascular morphology and hemodynamics of breast cancer in mice using SPring-8 synchrotron radiation microangiography. Journal of Synchrotron Radiation, 2017, 24, 1039-1047. | 1.0 | 7 |
| 50 | Point mutations in murine Nkx2-5 phenocopy human congenital heart disease and induce pathogenic Wnt signaling. JCI Insight, 2017, 2, e88271. | 2.3 | 24 |
| 51 | Chronic intermittent hypoxia accelerates coronary microcirculatory dysfunction in insulin-resistant Goto-Kakizaki rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R426-R439. | 0.9 | 18 |
| 52 | Diffusive shunting of gases and other molecules in the renal vasculature: physiological and evolutionary significance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R797-R810. | 0.9 | 17 |
| 53 | Increase in pulmonary blood flow at birth: role of oxygen and lung aeration. Journal of Physiology, 2016, 594, 1389-1398. | 1.3 | 55 |
| 54 | Technical Note: Contrast free angiography of the pulmonary vasculature in live mice using a laboratory xâ€ray source. Medical Physics, 2016, 43, 6017-6023. | 1.6 | 11 |

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| 55 | A novel conditional mouse model for Nkx2-5 reveals transcriptional regulation of cardiac ion channels. Differentiation, 2016, 91, 29-41. | 1.0 | 25 |
| 56 | Cardiac responses to hypoxia and reoxygenation in Drosophila. New insights into evolutionarily conserved gene responses. Focus on â€œCardiac responses to hypoxia and reoxygenation inDrosophilaâ€• American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1344-R1346. | 0.9 | 2 |
| 57 | Chronic Rho-kinase inhibition improves left ventricular contractile dysfunction in early type-1 diabetes by increasing myosin cross-bridge extension. Cardiovascular Diabetology, 2015, 14, 92. | 2.7 | 14 |
| 58 | Functional and Electrical Integration of Induced Phiripotent Stem Cell-Derived Cardiomyocytes in a Myocardial Infarction Rat Heart. Cell Transplantation, 2015, 24, 2479-2489. | 1.2 | 58 |
| 59 | Developmental Programming of Cardiovascular Disease Following Intrauterine Growth Restriction: Findings Utilising A Rat Model of Maternal Protein Restriction. Nutrients, 2015, 7, 119-152. | 1.7 | 70 |
| 60 | Importance of Tissue Preparation Methods in FTIR Micro-Spectroscopical Analysis of Biological Tissues: â€˜Traps for New Usersâ€™. PLoS ONE, 2015, 10, e0116491. | 1.1 | 102 |
| 61 | Pulmonary Macrophages Attenuate Hypoxic Pulmonary Vasoconstriction via Î²3AR/iNOS Pathway in Rats Exposed to Chronic Intermittent Hypoxia. PLoS ONE, 2015, 10, e0131923. | 1.1 | 17 |
| 62 | When early life growth restriction in rats is followed by attenuated postnatal growth: effects on cardiac function in adulthood. European Journal of Nutrition, 2015, 54, 743-750. | 1.8 | 7 |
| 63 | Changes in inflammatory response during and after cardiopulmonary bypass using a rat extracorporeal circulation model. , 2015, 2015, 957-60. | | 3 |
| 64 | Cell-sheet Therapy With Omentopexy Promotes Arteriogenesis and Improves Coronary Circulation Physiology in Failing Heart. Molecular Therapy, 2015, 23, 374-386. | 3.7 | 43 |
| 65 | Treadmill running improves hindlimb arteriolar endothelial function in type 1 diabetic mice as visualized by X-ray microangiography. Cardiovascular Diabetology, 2015, 14, 51. | 2.7 | 19 |
| 66 | Contractile apparatus dysfunction early in the pathophysiology of diabetic cardiomyopathy. World Journal of Diabetes, 2015, 6, 943. | 1.3 | 50 |
| 67 | Î²2-Adrenergic Receptor-Dependent Attenuation of Hypoxic Pulmonary Vasoconstriction Prevents Progression of Pulmonary Arterial Hypertension in Intermittent Hypoxic Rats. PLoS ONE, 2014, 9, e110693. | 1.1 | 9 |
| 68 | Ventilation/perfusion mismatch during lung aeration at birth. Journal of Applied Physiology, 2014, 117, 535-543. | 1.2 | 41 |
| 69 | Vascular geometry and oxygen diffusion in the vicinity of artery-vein pairs in the kidney. American Journal of Physiology - Renal Physiology, 2014, 307, F1111-F1122. | 1.3 | 27 |
| 70 | Cardiogenic Genes Expressed in Cardiac Fibroblasts Contribute to Heart Development and Repair. Circulation Research, 2014, 114, 1422-1434. | 2.0 | 188 |
| 71 | Pulmonary vascular tone is dependent on the central modulation of sympathetic nerve activity following chronic intermittent hypoxia. Basic Research in Cardiology, 2014, 109, 432. | 2.5 | 25 |
| 72 | Early Detection of Ventilation-Induced Brain Injury Using Magnetic Resonance Spectroscopy and Diffusion Tensor Imaging: An In Vivo Study in Preterm Lambs. PLoS ONE, 2014, 9, e95804. | 1.1 | 27 |

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| 73 | Evidence of altered biochemical composition in the hearts of adult intrauterine growth-restricted rats. European Journal of Nutrition, 2013, 52, 749-758. | 1.8 | 13 |
| 74 | Functional relevance of genetic variations of endothelial nitric oxide synthase and vascular endothelial growth factor in diabetic coronary microvessel dysfunction. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 253-261. | 0.9 | 15 |
| 75 | Acute Rho-kinase inhibition improves coronary dysfunction in vivo, in the early diabetic microcirculation. Cardiovascular Diabetology, 2013, 12, 111. | 2.7 | 33 |
| 76 | Myosin Heads Are Displaced from Actin Filaments in the In Situ Beating Rat Heart in Early Diabetes. Biophysical Journal, 2013, 104, 1065-1072. | 0.2 | 16 |
| 77 | Rat coronary microangiography system for preclinical imaging using synchrotron radiation. , 2013, , . | | 0 |
| 78 | Impaired pulmonary blood flow distribution in congestive heart failure assessed using synchrotron radiation microangiography. Journal of Synchrotron Radiation, 2013, 20, 441-448. | 1.0 | 4 |
| 79 | A Comparative Study of Cerebral Microcirculation During Pulsatile and Nonpulsatile Selective Cerebral Perfusion. ASAIO Journal, 2013, 59, 374-379. | 0.9 | 13 |
| 80 | Synchrotron Radiation Imaging for Advancing Our Understanding of Cardiovascular Function. Circulation Research, 2013, 112, 209-221. | 2.0 | 63 |
| 81 | Assessment of the serotonin pathway as a therapeutic target for pulmonary hypertension. Journal of Synchrotron Radiation, 2013, 20, 756-764. | 1.0 | 1 |
| 82 | Insufflation of Hydrogen Gas Restrains the Inflammatory Response of Cardiopulmonary Bypass in a Rat Model. Artificial Organs, 2013, 37, 136-141. | 1.0 | 23 |
| 83 | Hyperoxic Condition Promotes an Inflammatory Response During Cardiopulmonary Bypass in a Rat Model. Artificial Organs, 2013, 37, 1034-1040. | 1.0 | 23 |
| 84 | Synchrotron Radiation Intravital Microscopy for Preclinical Imaging in Rat and Mouse Hearts. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2013, 67, J323-J325. | 0.0 | 0 |
| 85 | Dynamic Synchrotron Imaging of Diabetic Rat Coronary Microcirculation In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 370-377. | 1.1 | 37 |
| 86 | Development of synchrotron radiation x-ray intravital microscopy for in vivo imaging of rat heart vascular function. , 2011, 2011, 7791-4. | | 4 |
| 87 | Imaging of the closed-chest mouse pulmonary circulation using synchrotron radiation microangiography. Journal of Applied Physiology, 2011, 111, 75-80. | 1.2 | 27 |
| 88 | Role of Rho-kinase signaling and endothelial dysfunction in modulating blood flow distribution in pulmonary hypertension. Journal of Applied Physiology, 2011, 110, 901-908. | 1.2 | 31 |
| 89 | Exogenous ghrelin improves blood flow distribution in pulmonary hypertensionâ€"assessed using synchrotron radiation microangiography. Pflugers Archiv European Journal of Physiology, 2011, 462, 397-406. | 1.3 | 16 |
| 90 | Development of an X-ray real-time stereo imaging technique using synchrotron radiation. Journal of Synchrotron Radiation, 2011, 18, 569-574. | 1.0 | 26 |

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| 91 | Elevated vascular resistance and afterload reduce the cardiac output response to dobutamine in early growth-restricted rats in adulthood. British Journal of Nutrition, 2011, 106, 1374-1382. | 1.2 | 11 |
| 92 | Exogenous ghrelin accentuates the acute hypoxic ventilatory response after two weeks of chronic hypoxia in conscious rats. Acta Physiologica, 2010, 200, 279-287. | 1.8 | 3 |
| 93 | Benefits of Synchrotron Microangiography for Dynamic Studies of Smooth Muscle and Endothelial Roles in the Pathophysiology of Vascular Disease. AIP Conference Proceedings, 2010, , . | 0.3 | 5 |
| 94 | Contrast angiography of the rat renal microcirculation in vivo using synchrotron radiation. American Journal of Physiology - Renal Physiology, 2009, 296, F1023-F1031. | 1.3 | 22 |
| 95 | SYNCHROTRONâ€BASED ANGIOGRAPHY FOR INVESTIGATION OF THE REGULATION OF VASOMOTOR FUNCTION IN THE MICROCIRCULATION IN VIVO. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 107-116. | 0.9 | 31 |
| 96 | INTRODUCTION. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 84-87. | 0.9 | 1 |
| 97 | Changes in pulmonary blood flow distribution in monocrotaline compared with hypoxia-induced models of pulmonary hypertension: assessed using synchrotron radiation. Journal of Hypertension, 2009, 27, 1410-1419. | 0.3 | 10 |
| 98 | Changes in macrovessel pulmonary blood flow distribution following chronic hypoxia: assessed using synchrotron radiation microangiography. Journal of Applied Physiology, 2008, 104, 88-96. | 1.2 | 31 |
| 99 | Effects of Sustained Length-Dependent Activation on In Situ Cross-Bridge Dynamics in Rat Hearts. Biophysical Journal, 2007, 93, 4319-4329. | 0.2 | 28 |
| 100 | Imaging of the pulmonary circulation in the closed-chest rat using synchrotron radiation microangiography. Journal of Applied Physiology, 2007, 102, 787-793. | 1.2 | 54 |
| 101 | PULMONARY VASCULAR REACTIVITY OF SPONTANEOUSLY HYPERTENSIVE RATS IS EXACERBATED IN RESPONSE TO THE CENTRAL ADMINISTRATION OF EXOGENOUS NITRIC OXIDE. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 88-94. | 0.9 | 5 |
| 102 | Î±2-Adrenoreceptor mediated sympathoinhibition of heart rate during acute hypoxia is diminished in conscious prostacyclin synthase deficient mice. Pflugers Archiv European Journal of Physiology, 2007, 454, 29-39. | 1.3 | 8 |
| 103 | Does central nitric oxide elicit pulmonary hypertension in conscious rats?. Respiratory Physiology and Neurobiology, 2006, 153, 250-260. | 0.7 | 6 |
| 104 | Does central nitric oxide chronically modulate the acute hypoxic ventilatory response in conscious rats?. Acta Physiologica, 2006, 186, 309-318. | 1.8 | 8 |
| 105 | Long-term monitoring of pulmonary arterial pressure in conscious, unrestrained mice. Journal of Pharmacological and Toxicological Methods, 2006, 53, 277-283. | 0.3 | 11 |
| 106 | Cardiac Ischemia Activates Vascular Endothelial Cadherin Promoter in Both Preexisting Vascular Cells and Bone Marrow Cells Involved in Neovascularization. Circulation Research, 2006, 98, 897-904. | 2.0 | 35 |
| 107 | An allometric study of lung morphology during development in the Australian pelican, Pelicanus conspicillatus, from embryo to adult. Journal of Anatomy, 2005, 207, 365-380. | 0.9 | 11 |
| 108 | Exogenous nitric oxide centrally enhances pulmonary reactivity in the normal and hypertensive rat. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 952-959. | 0.9 | 6 |

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| 109 | Developmental allometry of pulmonary structure and function in the altricial Australian pelican Pelecanus conspicillatus. Journal of Experimental Biology, 2004, 207, 2663-2669. | 0.8 | 16 |
| 110 | In Situ Measurements of Crossbridge Dynamics and Lattice Spacing in Rat Hearts by X-Ray Diffraction. Circulation, 2004, 109, 2976-2979. | 1.6 | 22 |
| 111 | Neuromedin U has a novel anorexigenic effect independent of the leptin signaling pathway. Nature Medicine, 2004, 10, 1067-1073. | 15.2 | 191 |
| 112 | Changes in functional and histological distributions of nitric oxide synthase caused by chronic hypoxia in rat small pulmonary arteries. British Journal of Pharmacology, 2003, 139, 899-910. | 2.7 | 30 |
| 113 | Respiration and energetics of embryonic development in a large altricial bird, the Australian pelican (Pelecanus conspicillatus). Journal of Experimental Biology, 2002, 205, 2925-2933. | 0.8 | 9 |
| 114 | Respiration and energetics of embryonic development in a large altricial bird, the Australian pelican (Pelecanus conspicillatus). Journal of Experimental Biology, 2002, 205, 2925-33. | 0.8 | 8 |
| 115 | Energetics of embryonic development in the cockatiel (Nymphicus hollandicus) and the king quail (Coturnix chinensis). Australian Journal of Zoology, 1999, 47, 565. | 0.6 | 2 |
| 116 | Ontogeny of heart rate in embryonic and nestling crows ( Corvus corone and Corvus macrorhynchos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 256-262. | 0.7 | 14 |
| 117 | Cardiac rhythms in developing chicks. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1999, 124, 461-468. | 0.8 | 34 |
| 118 | Development of cardiac rhythms in altricial avian embryos. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1999, 124, 475-482. | 0.8 | 13 |
| 119 | Long-term measurement of heart rate in chicken eggs. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1999, 124, 483-490. | 0.8 | 36 |
| 120 | Cardiac rhythms in chick embryos during hatching. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1999, 124, 511-521. | 0.8 | 27 |
| 121 | Development of heart rate irregularities in chick embryos. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H527-H533. | 1.5 | 38 |
| 122 | Non-invasive determination of instantaneous heart rate in developing avian embryos by means of acoustocardiogram. Medical and Biological Engineering and Computing, 1997, 35, 323-327. | 1.6 | 35 |
| 123 | Ballistocardiogram of avian eggs determined by an electromagnetic induction coil. Medical and Biological Engineering and Computing, 1997, 35, 431-435. | 1.6 | 7 |
| 124 | Developmental patterns of O2 consumption, heart rate and O2 pulse in unturned eggs. Respiration Physiology, 1996, 103, 83-87. | 2.8 | 30 |
| 125 | Effects of pre-incubation egg storage on embryonic functions and growth. Respiration Physiology, 1996, 103, 89-98. | 2.8 | 18 |
| 126 | Oxygen consumption rates of adults and chicks during brooding in king quail (Coturnix chinensis). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1994, 164, 415-424. | 0.7 | 10 |