

# Sean M Wilson

## List of Publications by Year in descending order

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132  
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citations

304368

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Calcium released by osteoclastic resorption stimulates autocrine/paracrine activities in local osteogenic cells to promote coupled bone formation. American Journal of Physiology - Cell Physiology, 2022, 322, C977-C990.                    | 2.1 | 9         |
| 2  | Multi-Omics Integration and the Development of Gestational High Altitude Induced Pulmonary Arterial Hypertension. FASEB Journal, 2022, 36, .  | 0.2 | 0         |
| 3  | Combination therapy of insulin-like growth factor I and BTP-2 markedly improves lipopolysaccharide-induced liver injury in mice. FASEB Journal, 2022, 36, .   | 0.2 | 1         |
| 4  | Ryanodine receptor subtypes regulate Ca <sup>2+</sup> sparks/spontaneous transient outward currents and myogenic tone of uterine arteries in pregnancy. Cardiovascular Research, 2021, 117, 792-804.  | 1.8 | 9         |
| 5  | MicroRNA-210 Mediates Hypoxia-Induced Repression of Spontaneous Transient Outward Currents in Sheep Uterine Arteries During Gestation. Hypertension, 2021, 77, 1412-1427.   | 1.3 | 8         |
| 6  | Preliminary Studies Towards the Examination of Hypoxia-related Transcriptional Regulation of Ryanodine Receptor Activity in Pulmonary Arteries of Fetal and Newborn Sheep. FASEB Journal, 2021, 35, .   | 0.2 | 0         |
| 7  | The Effects of Insulin-Like Growth Factor I and BTP-2 on Acute Lung Injury. International Journal of Molecular Sciences, 2021, 22, 5244.  | 1.8 | 8         |
| 8  | TRPML Activation with MLSA1 Increases Ca <sup>2+</sup> Oscillations in Fetal Pulmonary Arterial Myocytes. FASEB Journal, 2021, 35, .  | 0.2 | 0         |
| 9  | Gestational long-term hypoxia induces metabolomic reprogramming and phenotypic transformations in fetal sheep pulmonary arteries. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L770-L784.              | 1.3 | 7         |
| 10 | Long-Term Hypoxia Negatively Influences Ca <sup>2+</sup> Signaling in Basilar Arterial Myocytes of Fetal and Adult Sheep. Frontiers in Physiology, 2021, 12, 760176.  | 1.3 | 1         |
| 11 | Gestational Hypoxia Inhibits Pregnancy-Induced Upregulation of Ca <sup>2+</sup> Sparks and Spontaneous Transient Outward Currents in Uterine Arteries Via Heightened Endoplasmic Reticulum/Oxidative Stress. Hypertension, 2020, 76, 930-942. | 1.3 | 13        |
| 12 | IGF-1 Deficiency Rescue and Intracellular Calcium Blockade Improves Survival and Corresponding Mechanisms in a Mouse Model of Acute Kidney Injury. International Journal of Molecular Sciences, 2020, 21, 4095.                               | 1.8 | 6         |
| 13 | Gestational High-Altitude Hypoxia and Metabolomic Reprogramming in Pulmonary Arteries from Fetal Sheep. FASEB Journal, 2020, 34, 1-1.   | 0.2 | 0         |
| 14 | TRPML channel activation partially rescues Ca <sup>2+</sup> spark activity in sheep fetal pulmonary arterial myocytes following intrauterine long-term hypoxia. FASEB Journal, 2020, 34, 1-1.   | 0.2 | 0         |
| 15 | Pulmonary arterial vasoreactivity changes due to the birth transition and the influence of high altitude gestation in lambs. FASEB Journal, 2020, 34, 1-1.  | 0.2 | 0         |
| 16 | A comparison of mitochondrial respiratory function in adult and fetal sheep pulmonary arteries.. FASEB Journal, 2020, 34, 1-1.  | 0.2 | 0         |
| 17 | High Altitude Hypoxia Induces Cellular Immaturity of Pulmonary Arteries in the Fetal Lamb: Assessment of Protein Biomarkers. FASEB Journal, 2020, 34, 1-1.  | 0.2 | 0         |
| 18 | Gestational Hypoxia and Programming of Lung Metabolism. Frontiers in Physiology, 2019, 10, 1453.  | 1.3 | 7         |

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|----|--|------|-----------|
| 19 | Long-Term High-Altitude Hypoxia and Alpha Adrenoceptor-Dependent Pulmonary Arterial Contractions in Fetal and Adult Sheep. <i>Frontiers in Physiology</i> , 2019, 10, 1032.  | 1.3  | 8         |
| 20 | Pregnancy Increases Ca <sup>2+</sup> Sparks/Spontaneous Transient Outward Currents and Reduces Uterine Arterial Myogenic Tone. <i>Hypertension</i> , 2019, 73, 691-702.  | 1.3  | 21        |
| 21 | Long Term Hypoxia Negatively Influences Ca <sup>2+</sup> Signaling in Basilar Arterial Myocytes of Fetal and Adult Sheep. <i>FASEB Journal</i> , 2019, 33, 551.7.  | 0.2  | 0         |
| 22 | Long Term Hypoxia Reduces Levels of Oxylipins in Pulmonary Arteries and Venous Plasma of Fetal Sheep. <i>FASEB Journal</i> , 2019, 33, 550.5.  | 0.2  | 0         |
| 23 | Long Term Hypoxia Reduces Antioxidant Levels and Causes a Glycolytic Shift in Neonatal Sheep Pulmonary arteries. <i>FASEB Journal</i> , 2019, 33, 550.6.   | 0.2  | 0         |
| 24 | Hemodynamic Effects of Glutathione-Liganded Binuclear Dinitrosyl Iron Complex: Evidence for Nitroxyl Generation and Modulation by Plasma Albumin. <i>Molecular Pharmacology</i> , 2018, 93, 427-437.   | 1.0  | 25        |
| 25 | Nitrite potentiates the vasodilatory signaling of S-nitrosothiols. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 75, 60-69.  | 1.2  | 13        |
| 26 | Long-term high-altitude hypoxia influences pulmonary arterial L-type calcium channel-mediated Ca <sup>2+</sup> signals and contraction in fetal and adult sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R433-R446. | 0.9  | 8         |
| 27 | Caveolae Link Ca <sub>v</sub> 3.2 Channels to BK <sub>Ca</sub> -Mediated Feedback in Vascular Smooth Muscle. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2371-2381.  | 1.1  | 16        |
| 28 | Long-term hypoxia uncouples Ca <sup>2+</sup> and eNOS in bradykinin-mediated pulmonary arterial relaxation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R870-R882.  | 0.9  | 8         |
| 29 | Gestational Hypoxia and Developmental Plasticity. <i>Physiological Reviews</i> , 2018, 98, 1241-1334.  | 13.1 | 123       |
| 30 | Inhaled Fasudil Lacks Pulmonary Selectivity in Thromboxane-Induced Acute Pulmonary Hypertension in Newborn Lambs. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2018, 23, 472-480.  | 1.0  | 2         |
| 31 | High Altitude Hypoxia Impacts Omega-3 Fatty Acid Metabolites in Plasma of Fetal and Newborn Sheep. <i>FASEB Journal</i> , 2018, 32, 858.5.   | 0.2  | 1         |
| 32 | Acute Hypoxia Alters Ryanodine Receptor Activity in Pulmonary Arterial Myocytes of High Altitude Acclimatized Fetal and Adult Sheep. <i>FASEB Journal</i> , 2018, 32, 892.5.   | 0.2  | 0         |
| 33 | Cyclic Nucleotides Reduce Ryanodine Receptor Mediated Ca <sup>2+</sup> Spark Activation Independent of Long Term Hypoxia in Ovine Fetal Pulmonary Arterial Myocytes. <i>FASEB Journal</i> , 2018, 32, .  | 0.2  | 0         |
| 34 | Ryanodine Receptor 1 mRNA Expression is Increased by Post-Natal Maturation and Long Term Hypoxia in Sheep Pulmonary Arteries. <i>FASEB Journal</i> , 2018, 32, 892.9.  | 0.2  | 0         |
| 35 | Pregnancy Enhances Calcium Spark Activity Independent of Altitude in Ovine Uterine Arterial Myocytes. <i>FASEB Journal</i> , 2018, 32, 858.10.   | 0.2  | 0         |
| 36 | Beta Adrenergic Induced Pulmonary Arterial Vasodilation Following Long Term Hypoxia in Fetal and Adult Sheep. <i>FASEB Journal</i> , 2018, 32, 892.18.   | 0.2  | 0         |

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|----|--|-----|-----------|
| 37 | Long Term Hypoxia Reduces Ca <sup>2+</sup> Oscillations in Basilar Arterial Myocytes of Fetal and Adult Sheep. FASEB Journal, 2018, 32, 858.9.   | 0.2 | 0         |
| 38 | Interplay among distinct Ca <sup>2+</sup> conductances drives Ca <sup>2+</sup> sparks/spontaneous transient outward currents in rat cerebral arteries. Journal of Physiology, 2017, 595, 1111-1126.  | 1.3 | 15        |
| 39 | Chronic Hypoxia uncouples Ca <sup>2+</sup> and eNOS in bradykinin-induced relaxation of Ovine pulmonary arteries. FASEB Journal, 2017, 31, 1073.1.   | 0.2 | 0         |
| 40 | S-nitrosothiols dilate the mesenteric artery more potently than the femoral artery by a cGMP and L-type calcium channel-dependent mechanism. Nitric Oxide - Biology and Chemistry, 2016, 58, 20-27.  | 1.2 | 8         |
| 41 | Developmental acceleration of bradykinin-dependent relaxation by prenatal chronic hypoxia impedes normal development after birth. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L271-L286.                   | 1.3 | 12        |
| 42 | Local and systemic vasodilatory effects of low molecular weight S-nitrosothiols. Free Radical Biology and Medicine, 2016, 91, 215-223.   | 1.3 | 24        |
| 43 | Muscarinic Receptor Activation Affects Pulmonary Artery Contractility in Sheep: The Impact of Maturation and Chronic Hypoxia on Endothelium-Dependent and Endothelium-Independent Function. High Altitude Medicine and Biology, 2016, 17, 122-132. | 0.5 | 6         |
| 44 | Identifying disparity in emergency department length of stay and admission likelihood. World Journal of Emergency Medicine, 2016, 7, 111.  | 0.5 | 11        |
| 45 | Acute Hypoxia and Ryanodine Receptor Activity in Pulmonary Arterial Myocytes of High Altitude Acclimatized Fetal and Adult Sheep. FASEB Journal, 2016, 30, .   | 0.2 | 0         |
| 46 | Chronic and Acute Hypoxia Markedly Alter Ca <sup>2+</sup> Signaling in Adult and Fetal Pulmonary Arterial Myocytes. FASEB Journal, 2016, 30, 774.7.  | 0.2 | 0         |
| 47 | Long Term Hypoxia Reduces Ca <sup>2+</sup> Wave Function In Basilar Arterial Myocytes of Fetal and Adult Sheep. FASEB Journal, 2016, 30, 1209.4.   | 0.2 | 0         |
| 48 | Nanoliposomal Nitroglycerin Exerts Potent Anti-Inflammatory Effects. Scientific Reports, 2015, 5, 16258.   | 1.6 | 6         |
| 49 | Long-term hypoxia increases calcium affinity of BK channels in ovine fetal and adult cerebral artery smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H707-H722.                                       | 1.5 | 10        |
| 50 | L-type calcium channels contribute to 5-HT <sub>3</sub> -receptor-evoked CaMKII $\beta$ and ERK activation and induction of emesis in the least shrew ( <i>Cryptotis parva</i> ). European Journal of Pharmacology, 2015, 755, 110-118.            | 1.7 | 17        |
| 51 | Genetic Ablation of Ca <sup>v</sup> <sub>3.2</sub> Channels Enhances the Arterial Myogenic Response by Modulating the RyR-BK <sub>Ca</sub> Axis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1843-1851.                          | 1.1 | 39        |
| 52 | A Free/Libre Open-Source (FLOSS) Suite of Interactive Tools for Physiology Data Analysis. FASEB Journal, 2015, 29, 814.15.   | 0.2 | 0         |
| 53 | Effects of L-type Ca <sup>2+</sup> Channel Facilitation on Ca <sup>2+</sup> Spark Activity in Fetal Ovine Pulmonary Arterial Myocytes. FASEB Journal, 2015, 29, 1031.10.   | 0.2 | 0         |
| 54 | Acute Hypoxia Differentially Modifies Ca <sup>2+</sup> Waves in Pulmonary Arterial Smooth Muscle Cells of Intact Arteries from Fetal and Adult Sheep. FASEB Journal, 2015, 29, 1031.9.   | 0.2 | 0         |

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|----|---|-----|-----------|
| 55 | Oxidative Stress and Ca <sup>2+</sup> Sparks in Pulmonary Arterial Myocytes of High Altitude Acclimatized Sheep. FASEB Journal, 2015, 29, 662.3.  | 0.2 | 0         |
| 56 | Influence of Maturation on Ca <sup>2+</sup> Waveform Modulation by cAMP and cGMP in Pulmonary Arterial Smooth Muscle of Sheep. FASEB Journal, 2015, 29, 1031.11.  | 0.2 | 0         |
| 57 | Acute Hypoxia and Ryanodine Receptor Activity in Pulmonary Arterial Myocytes of High Altitude Acclimatized Fetal and Adult Sheep. FASEB Journal, 2015, 29, 662.2.   | 0.2 | 0         |
| 58 | Activation Of L-type Calcium Channels Influences Calcium Waves After Long-Term Hypoxia And Developmental Maturation. FASEB Journal, 2015, 29, 662.1.  | 0.2 | 0         |
| 59 | Role of blood and vascular smooth muscle in the vasoactivity of nitrite. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H976-H986.   | 1.5 | 11        |
| 60 | Ca <sub>v</sub> 3.2 Channels and the Induction of Negative Feedback in Cerebral Arteries. Circulation Research, 2014, 115, 650-661.   | 2.0 | 61        |
| 61 | Oxidative stress and the impact of prenatal chronic hypoxia on ryanodine receptor generated calcium responses in fetal pulmonary arterial myocytes (1089.11). FASEB Journal, 2014, 28, 1089.11.                           | 0.2 | 0         |
| 62 | Acute hypoxia-induced endothelial-dependent suppression of Ca <sup>2+</sup> waves in pulmonary arterial myocytes of sheep (1089.14). FASEB Journal, 2014, 28, .   | 0.2 | 0         |
| 63 | Chronic hypoxia suppresses muscarinic-induced contractility in ovine pulmonary arteries (1089.17). FASEB Journal, 2014, 28, 1089.17.  | 0.2 | 0         |
| 64 | Ca <sub>v</sub> 3.2 knockout mice display enhanced myogenic tone due to reduced BK Ca <sup>2+</sup> -mediated feedback (1077.3). FASEB Journal, 2014, 28, 1077.3.   | 0.2 | 0         |
| 65 | Antenatal chronic hypoxia and L-type Ca <sup>2+</sup> -dependent contractility of pulmonary arteries from fetal sheep (1089.6). FASEB Journal, 2014, 28, 1089.6.  | 0.2 | 0         |
| 66 | Preservation of Ca <sup>2+</sup> spark activity during oxidative stress in pulmonary arterial myocytes of fetal sheep (1089.5). FASEB Journal, 2014, 28, 1089.5.  | 0.2 | 0         |
| 67 | Ontogeny, ryanodine receptor-mediated calcium sparks, and BK channel clustering in basilar arterial myocytes from long-term hypoxic sheep (853.9). FASEB Journal, 2014, 28, 853.9.  | 0.2 | 0         |
| 68 | cGMP amplification of pulmonary arterial myocyte Ca <sup>2+</sup> waves is preferentially impaired in high altitude-induced hypoxic fetal sheep (1089.7). FASEB Journal, 2014, 28, 1089.7.                                | 0.2 | 0         |
| 69 | Chronic hypoxia increases the importance of BKCa channels to bradykinin-mediated pulmonary vasodilation in fetal sheep (1089.18). FASEB Journal, 2014, 28, 1089.18.   | 0.2 | 0         |
| 70 | Chronic Hypoxia Inhibits Pregnancy-Induced Upregulation of SK <sub>Ca</sub> Channel Expression and Function in Uterine Arteries. Hypertension, 2013, 62, 367-374.   | 1.3 | 30        |
| 71 | Effect of chronic perinatal hypoxia on the role of rho-kinase in pulmonary artery contraction in newborn lambs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R136-R146. | 0.9 | 28        |
| 72 | Prenatal Programming of Pulmonary Hypertension Induced by Chronic Hypoxia or Ductal Ligation in Sheep. Pulmonary Circulation, 2013, 3, 757-780.   | 0.8 | 14        |

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|----|--|-----|-----------|
| 73 | Chronic Hypoxia during Gestation Enhances Uterine Arterial Myogenic Tone via Heightened Oxidative Stress. PLoS ONE, 2013, 8, e73731.   | 1.1 | 35        |
| 74 | Antenatal Hypoxia and Pulmonary Vascular Function and Remodeling. Current Vascular Pharmacology, 2013, 11, 616-640.  | 0.8 | 41        |
| 75 | Postnatal-related changes in cAMP mediated pulmonary arterial relaxation and calcium signals persist following long term hypoxia in sheep. FASEB Journal, 2013, 27, 1140.6.  | 0.2 | 0         |
| 76 | Bradykinin-induced pulmonary vasorelaxation is modified by long term hypoxia and postnatal maturation in sheep. FASEB Journal, 2013, 27, 1140.7.   | 0.2 | 0         |
| 77 | Long term hypoxia impairs ryanodine receptor function and regulation by cyclic nucleotides in immature and mature pulmonary arterial myocytes. FASEB Journal, 2013, 27, 1187.10.   | 0.2 | 0         |
| 78 | Underdeveloped bradykinin-dependent vasorelaxation in immature pulmonary arteries from long term hypoxic sheep is not due to loss of cGMP signaling. FASEB Journal, 2013, 27, 1140.5.  | 0.2 | 0         |
| 79 | Development and long term hypoxia: Changes in ryanodine receptor expression in Ovine pulmonary arteries. FASEB Journal, 2013, 27, .  | 0.2 | 0         |
| 80 | Ca V 3.2 Channels and the Induction of Negative Feedback in Cerebral Arterial Smooth Muscle. FASEB Journal, 2013, 27, 925.5.   | 0.2 | 1         |
| 81 | Depolarization-Dependent Contraction Increase after Birth and Preservation following Long-Term Hypoxia in Sheep Pulmonary Arteries. Pulmonary Circulation, 2012, 2, 41-53.   | 0.8 | 16        |
| 82 | Maternal high-altitude hypoxia and suppression of ryanodine receptor-mediated Ca <sup>2+</sup> sparks in fetal sheep pulmonary arterial myocytes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L799-L813. | 1.3 | 14        |
| 83 | Chronic Hypoxia Suppresses Pregnancy-Induced Upregulation of Large-Conductance Ca <sup>2+</sup> -Activated K <sup>+</sup> Channel Activity in Uterine Arteries. Hypertension, 2012, 60, 214-222.   | 1.3 | 46        |
| 84 | Alpha-Adrenergic Function Is Altered By Maturation And Long-Term Hypoxia In The Pulmonary Vasculature Of Sheep. , 2012, , .  |     | 0         |
| 85 | Attenuated Beta Adrenergic Receptor Mediated Pulmonary Vasodilation In High Altitude Term-Fetal Sheep. , 2012, , .   |     | 0         |
| 86 | Cyclic Nucleotides Cause Divergent Ryanodine Receptor Modulation in Pulmonary Arterial Myocytes from Immature Chronic Hypoxic Sheep. FASEB Journal, 2012, 26, 873.7.   | 0.2 | 0         |
| 87 | Myoendothelial Junction Formation is Restricted in Pulmonary Arteries of Fetal Sheep. FASEB Journal, 2012, 26, 1062.3.   | 0.2 | 0         |
| 88 | mAChR Dependent Contraction of Pulmonary Arteries with Functional Endothelium from Chronically Hypoxic Fetal and Adult Sheep. FASEB Journal, 2012, 26, 1058.13.  | 0.2 | 0         |
| 89 | Maternal Hypoxemia Suppresses Muscarinic Acetylcholine Receptor Dependent Contraction of Pulmonary Arteries from Fetal Sheep. FASEB Journal, 2012, 26, 873.21.   | 0.2 | 0         |
| 90 | Preservation of Serotonin-Mediated Contractility in Adult Sheep Pulmonary Arteries Following Long-Term High-Altitude Hypoxia. High Altitude Medicine and Biology, 2011, 12, 253-264.   | 0.5 | 13        |

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|-----|---|-----|-----------|
| 91  | Postnatal Maturation Decreases The Role Of Rho-Kinase In Electromechanical Coupling Of Sheep Pulmonary Arteries. , 2011, , .  |     | 0         |
| 92  | Pregnancy Upregulates Large-Conductance Ca <sup>2+</sup> -Activated K <sup>+</sup> Channel Activity and Attenuates Myogenic Tone in Uterine Arteries. Hypertension, 2011, 58, 1132-1139.  | 1.3 | 77        |
| 93  | Inhaled Nitrite Reverses Hemolysis-Induced Pulmonary Vasoconstriction in Newborn Lambs Without Blood Participation. Circulation, 2011, 123, 605-612.  | 1.6 | 33        |
| 94  | Long-Term Maternal Hypoxia. Reproductive Sciences, 2011, 18, 948-962.   | 1.1 | 28        |
| 95  | Combined influence of ontogeny and chronic hypoxia on ryanodine receptor function in sheep pulmonary arteries and myocytes. FASEB Journal, 2011, 25, .  | 0.2 | 0         |
| 96  | INFLUENCE OF POSTNATAL MATURITY AND CHRONIC HYPOXIA ON CALCIUM ACTIVATED CHLORIDE CHANNELS IN PULMONARY ARTERIAL VASOCONSTRICTION. , 2010, , .  |     | 0         |
| 97  | Maturation And Chronic Hypoxia Influence Alpha Adrenergic Function In The Pulmonary Vasculature Of Sheep. , 2010, , .   |     | 0         |
| 98  | Functional interaction of Cl <sup>-</sup> Ca <sup>2+</sup> with RyR and Ca <sup>2+</sup> L in pulmonary arteries from chronic hypoxic sheep. FASEB Journal, 2010, 24, 1061.7.   | 0.2 | 0         |
| 99  | Nonselective cation channel function in sheep pulmonary arteries is affected by postnatal maturation and chronic hypoxia. FASEB Journal, 2010, 24, .  | 0.2 | 0         |
| 100 | The role of Ca <sup>2+</sup> L in sheep pulmonary arteries is altered by chronic hypoxia and postnatal maturation. FASEB Journal, 2010, 24, .   | 0.2 | 0         |
| 101 | RyR function in sheep pulmonary arteries is differentially influenced by postnatal maturation and chronic hypoxia. FASEB Journal, 2010, 24, .   | 0.2 | 0         |
| 102 | Muscarinic acetylcholine receptor dependent pulmonary arterial contractility is reduced by chronic hypoxia in fetal sheep. FASEB Journal, 2010, 24, 1061.8.   | 0.2 | 0         |
| 103 | Maturation and long-term hypoxia alters Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release in sheep cerebrovascular sympathetic neurons. Journal of Applied Physiology, 2009, 107, 1223-1234.   | 1.2 | 8         |
| 104 | Advancing Age Alters the Contribution of Calcium Release From Smooth Endoplasmic Reticulum Stores in Superior Cervical Ganglion Cells. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 34-44. | 1.7 | 4         |
| 105 | Caffeine inhibits InsP3 responses and capacitative calcium entry in canine pulmonary arterial smooth muscle cells. Vascular Pharmacology, 2009, 50, 89-97.  | 1.0 | 13        |
| 106 | Enhanced capacitative calcium entry and sarcoplasmic-reticulum calcium storage capacity with advanced age in murine mesenteric arterial smooth muscle cells. Experimental Gerontology, 2009, 44, 201-207.                             | 1.2 | 11        |
| 107 | The role of calcium-activated chloride channels to serotonin-mediated pulmonary arterial tone is influenced by postnatal maturation. FASEB Journal, 2009, 23, 999.1.  | 0.2 | 0         |
| 108 | Serotonin-mediated Ca <sup>2+</sup> signaling in pulmonary arterial myocytes and the combined influence of maturation and high-altitude exposure. FASEB Journal, 2009, 23, 619.11.  | 0.2 | 0         |

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|-----|--|-----|-----------|
| 109 | Roles of PKC, RhoA and ERK signaling to serotonergic contractility of pulmonary arteries from chronic hypoxic fetal and adult sheep. <i>FASEB Journal</i> , 2009, 23, 619.5.   | 0.2 | 0         |
| 110 | Changes in pulmonary arterial smooth muscle structure with maturation and chronic hypoxia in sheep. <i>FASEB Journal</i> , 2009, 23, 619.9.  | 0.2 | 0         |
| 111 | Maturation of intracellular calcium homeostasis in sheep pulmonary arterial smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L905-L914.  | 1.3 | 19        |
| 112 | Serotonin mediated Ca <sup>2+</sup> events are reduced in pulmonary arterial myocytes of chronic hypoxic fetal sheep. <i>FASEB Journal</i> , 2008, 22, 1149.1.   | 0.2 | 0         |
| 113 | Role of reverse-mode sodium-calcium exchange to serotonergic contractility in pulmonary arteries of hypoxic sheep. <i>FASEB Journal</i> , 2008, 22, 1150.1.  | 0.2 | 0         |
| 114 | Effects of maturation on intracellular Ca <sup>2+</sup> homeostasis in ovine pulmonary arterial smooth muscle cells. <i>FASEB Journal</i> , 2008, 22, 1150.2.  | 0.2 | 0         |
| 115 | 5-HT <sub>2A</sub> receptor mediated contractility of Ovine pulmonary arteries: Effects of maturation and chronic hypoxia. <i>FASEB Journal</i> , 2008, 22, 1150.4.  | 0.2 | 0         |
| 116 | Plasma kallikrein-kinin system and endothelial cell activation. <i>FASEB Journal</i> , 2008, 22, 915.5.  | 0.2 | 0         |
| 117 | Contributions of PKC, RhoA and ERK signaling to serotonergic contractility of pulmonary arteries from chronic hypoxic fetal and adult sheep. <i>FASEB Journal</i> , 2008, 22, 1150.3.  | 0.2 | 0         |
| 118 | Acetylcholine receptor-mediated contractility of ovine pulmonary arteries: Changes with maturation and chronic hypoxia. <i>FASEB Journal</i> , 2008, 22, 1150.6.   | 0.2 | 0         |
| 119 | Role of calcium to serotonergic mediated contractility in ovine pulmonary arteries: effects of maturation and chronic hypoxia. <i>FASEB Journal</i> , 2008, 22, .  | 0.2 | 0         |
| 120 | Inhibition of Ryanodine Receptors by 4-(2-Aminopropyl)-3,5-dichloro-N,N-dimethylaniline (FLA 365) in Canine Pulmonary Arterial Smooth Muscle Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 381-390.               | 1.3 | 7         |
| 121 | Role of InsP3 and ryanodine receptors in the activation of capacitative Ca <sup>2+</sup> entry by store depletion or hypoxia in canine pulmonary arterial smooth muscle cells. <i>British Journal of Pharmacology</i> , 2007, 152, 101-111.          | 2.7 | 38        |
| 122 | Chronic hypoxia and the influence of maturation on serotonergic contractility in Ovine pulmonary arteries. <i>FASEB Journal</i> , 2007, 21, A1339.   | 0.2 | 0         |
| 123 | Effects of aging on Ca <sup>2+</sup> signaling in murine mesenteric arterial smooth muscle cells. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 315-323.  | 2.2 | 26        |
| 124 | Role of basal extracellular Ca <sup>2+</sup> entry during 5-HT-induced vasoconstriction of canine pulmonary arteries. <i>British Journal of Pharmacology</i> , 2005, 144, 252-264.   | 2.7 | 29        |
| 125 | Mobilization of sarcoplasmic reticulum stores by hypoxia leads to consequent activation of capacitative Ca <sup>2+</sup> entry in isolated canine pulmonary arterial smooth muscle cells. <i>Journal of Physiology</i> , 2005, 563, 409-419.         | 1.3 | 63        |
| 126 | ClC-3 Is a Fundamental Molecular Component of Volume-sensitive Outwardly Rectifying Cl <sup>-</sup> Channels and Volume Regulation in HeLa Cells and <i>Xenopus laevis</i> Oocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 40066-40074. | 1.6 | 99        |

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|-----|---|-----|-----------|
| 127 | Comparative Capacitative Calcium Entry Mechanisms in Canine Pulmonary and Renal Arterial Smooth Muscle Cells. <i>Journal of Physiology</i> , 2002, 543, 917-931.                              | 1.3 | 47        |
| 128 | Heterogeneity of calcium stores and elementary release events in canine pulmonary arterial smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C22-C33. | 2.1 | 109       |
| 129 | ATP and $\beta_2$ -adrenergic stimulation enhance voltage-gated K current inactivation in brown adipocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 279, C1847-C1858. | 2.1 | 12        |
| 130 | P2 Receptor Modulation of Voltage-gated Potassium Currents in Brown Adipocytes. <i>Journal of General Physiology</i> , 1999, 113, 125-138.  | 0.9 | 23        |
| 131 | Purine nucleotides modulate proliferation of brown fat preadipocytes. <i>Cell Proliferation</i> , 1999, 32, 131-140.  | 2.4 | 25        |
| 132 | MicroRNA-210-mediated mtROS confer hypoxia-induced suppression of STOCs in ovine uterine arteries. <i>British Journal of Pharmacology</i> , 0, , .  | 2.7 | 4         |