

2015

Fioretti, A. C., et al, "Effect of Vasoactive drugs on the regulation of venous blood flow in wistar rats", American Venous Forum, February 25-27, (2015)

2014

Kurtz, T. W., et al, "The 24 h pattern of arterial pressure in mice is determined mainly by heart rate-driven variation in cardiac output", *Physiological Reports (PMC)*, 2(11), (2014)

Lujan, H. L., et al, "Reperfusion-induced sustained ventricular tachycardia, leading to ventricular fibrillation, in chronically instrumented, intact, conscious mice", *Physiological Reports (PMC)*, 2(6), (2014)

Ektrom, A., et al, "Effects of autonomic blockade on acute thermal tolerance and cardioventilatory performance in rainbow trout, *Oncorhynchus mykiss*", *Journal of Thermal Biology*, Vol. 44, p 47-54, (2014)

Hartman, D., et al, "Acoustic wave lab for introductory and upper level physics majors", American Association of Physics Teachers, Winter Meeting 2014, Poster PST1B01, (2014)

Zaretsky, D. V., et al, "Inhibition of the dorsomedial hypothalamus, but not the medullary raphe pallidus, decreases hyperthermia and mortality from MDMA given in a warm environment", *Pharmacology Research & Perspectives*, Apr 2(2) 2014 (2014)

Ogihara, C. A., et al, "Swimming exercise changes hemodynamic responses evoked by blockade of excitatory amino receptors in the rostral ventrolateral medulla in spontaneously hypersensitive rats", *BioMed Research International*, Vol 2014, Article ID 487129, (2014)

2013

Lujan, H. L., et al, "Cardiac output at rest and during exercise, before and during myocardial ischemia, reperfusion, and infarction in conscious mice", *American Journal of Physiology*, Feb. 15, 304(4) R286-R295, (2013)

Mickle, M., et al, "Implantable Doppler blood flow monitor and Doppler probe", Paten Application No. 20130116575, (2013)

Moreira, T. S., et al, "Activation of central α 2-adrenoceptors mediates salivary gland vasoconstriction", *Archives of Aral Biology*, Vol 58, No 2, p 167-173, (2013)

Harlan, S. M., et al, "Hypothalamic mTORC1 signaling controls sympathetic nerve activity and arterial pressure and mediates leptin effects", *Cell Metabolism 17*, Apr 2, (2013)

2012

Navivaiko, E., et al, "Respiration component of the orienting reflex; a novel sensitive index of sensory-induced arousal in rats", *Frontiers in Physiology*, January 3, (2012)

Durand, M. T., et al, "Time course of the hemodynamic responses to aortic depressor nerve stimulation in conscious spontaneously hypersensitive rats", *Brazilian Journal of Medical and Biological Research*, Vol 45, No 5, (2012)

Behrens, Jane W., et al, "Effects of hypoxic exposure during feeding on SDA and postprandial cardiovascular physiology in the Atlantic cod", *PLOS*, September 2012 (2012)

Revel, Aurelin, et al, "Effects of chronic cervical ganglionectomy on the spontaneous variability of internal carotid blood flow in the conscious rat", *Experimental Physiology*, May 2012, 97(5), 564-571, (2012)

2010

Grans, A., et al, "Effects of feeding on thermoregulatory behaviours and gut blood flow in white sturgeon using biotelemetry in combination with standard techniques", *Journal of Experimental Biology*, 213, 3198-3206, (2010)

Crossley II, D. A. et al, "Posterior lymph heart function in two species of anurans: analysis based on both in vivo pressure - volume relationships by conductance manometry and ultrasound", *The Journal of Experimental Biology*, pp 3710-3716, November (2010)

2009

Oosterbaan, A. M., et al, "Doppler flow velocity waveforms in the embryonic chicken heart at developmental stages corresponding to 5-8 weeks of human gestation", *Ultrasound in Obstetrics & Gynecology*, Vol. 33 Issue 6, (2009)

2008

Groenendijk, B. C. W., et al, "The endothelin-1 pathway and the development of cardiovascular defects in the haemodynamically challenged chicken embryo", *Journal of Vascular Research*, Vol 45, No 1, (2008)

2007

Melzner, F., et al, "Coordination between ventilatory pressure oscillations and venous return in the cephalopod *Sepia officinalis* under control conditions, spontaneous exercise and recovery", *Journal of Comparative Physiology B*, Vol. 177, Issue 1, pp 1-17, (2007)

Salgado, H. C., et al, "Baroreflex responses to electrical stimulation of aortic depressor nerve in conscious SHR", *American Journal of Physiology*, Vol 292, p H593-H600, (2007)

Ootsuka, Y., et al, "Dopamine D2 receptor stimulation inhibits cold-initiated thermogenesis in brown adipose tissue in conscious rats", *Neuroscience*, June 15, 147(1) p127-135, (2007)

2006

Killen, S. S., et al, "Factors contributing to the physiological disturbances in walleyes during simulated live release angling tournaments", *Transactions of the American Fisheries Society*, 135:557-569, (2006)

Ganpath, Raj P., "Doppler ultrasound technique used to determine the blood flow velocity in the middle cerebral artery of a canine animal model", Master Thesis, New Jersey Institute of Technology. (2006)

2005

Cooke, S.J., et al, "Physiological and behavioral consequences of long-term artificial selection for vulnerability to recreational angling in a teleost fish", *Physiological and Biochemistry Zoology*, Vol. 80, No. 5, (2005)

Artman, M., et al, book, *Cardiovascular Development and Congenital Malformations: Molecular and Genetic Mechanisms*, p 170, Wiley, (2005)

Rahmoni, K., et al, "Lack of dilator effect of leptin in the hindlimb vascular bed of conscious rats", *European Journal of Pharmacology*, Vol 518, p 175-181, (2005)

2004

Bunt, C. M., et al, "Effects of incremental increases in silt load on the cardiovascular performance of riverine and lacustrine rock bass", *Environmental Pollution*, Vol. 128, p 437-444, (2004)

Mike, K., et al, "Lumbar sympathetic nerve activity and hindquarter blood flow during REM sleep in rats", *Journal of Physiology*, 557.1, pp 261-271, (2004)

2003

Knuepfer, M. M., "Muscarinic cholinergic and β -adrenergic contributions to hindquarters vasodilation and cardiac response to cocaine", *Journal of Pharmacology*, Vol. 306, No. 2, pp 515-522, (2003)

Stekelenburg-de Vos, S., et al, "Acutely altered hemodynamics following venous obstruction in the early chick embryo", *Journal of Experimental Biology*, Vol 206, March 15, p 1051-1057, (2003)

2002

Gaudette, G. R., et al, "The application of speckle metrology to hear mechanics", *Recent Advances in Experimental Mechanics*, 2002, p 353-364, (2002)

Gdoutos, E. E., book, *Recent Advances in Experimental Mechanics: In Honor of Isaac M. Daniel*, p 357, Springer (2002)

2001

Mitchell, J.L., et al, "Does leptin stimulate nitric oxide to oppose the effects of sympathetic activation", *Hypertension*, 38:1081-1086 (2001)

Jalali, Ali, et al, "Does leptin cause functional peripheral sympatholysis", *American Journal of Hypertension*, 2001, 14:615-618, (2001)

Killorn, E. E., et al, "The dynamic of venous return and responses to hypervolemia in the toad", *BMC Physiology*, 1:13, (2001)

2000

Frederich, M., et al, "Cold tolerance and the regulation of cardiac performance and hemolymph distribution in *Maja squinado*", *Physiological and Biochemical Zoology*, 73(4), p 406-415 (2000)

Kerman, I.A., et al, "Vestibular stimulation leads to distinct hemodynamic patterning", *American Journal Physiology*, Vol. 279 p R118-R125, (2000)

1999

Ksander, G. M., et al, patent, "N-aroylamino acid amides as endothelin inhibitors", Patent Number 5,977,075, (1999)

Operschall, C., et al, "A new model of chronic cardiac ischemia in rabbits", *Journal of Applied Physiology*, Dec 1999, (1999)

1997

Jones, J. M. et al, "Direct measurement of flow from the posterior lymph hearts of hydrated toads (*Bufo marinus*)", *The Journal of Experimental Biology*, pp 1695-1702, June (1997)

1996

Ying-Hui Yu, et al, "Continuous measurement of changes in internal carotid and vertebral arterial blood flow with chronically implanted ultrasonic Doppler probes in anesthetized and conscious rabbits", *Journal of Cerebral Blood Flow and Metabolism*, 1996, 16, 1058-1067 (1996)