



## Turtle & Reptile Publication References

### TURTLE

- 2361A Platzack, B., Hicks, J.W., "Reductions in systemic oxygen delivery induce a hypometabolic state in the turtle *Trachemys scripta*," AJP, Vol. 281, No. 4, p. F1295-301, 2001. (*turtle, cardiac output, acute*)
- 1999A Hicks, J.W., Wang, T., "Cardiovascular regulation during anoxia in the turtle: an in vivo study," *Physiol Zool*, Vol. 71, No. 1, p. 1-14, 1998. (*turtle, left aortic arch, pulmonary a., chronic*)
- 1997A Herman, J., Wang, T., Smits, A.W., Hicks, J.W., "The effects of artificial lung inflation on pulmonary blood flow and heart rate in the turtle *Trachemys scripta*," *The Journal of Experimental Biology*, Vol. 200, Pt. 19, p. 2539-2545, 1997. (*turtle, pulmonary a., left aortic arch, chronic*)
- 1892A Hicks, J.W., Wang, T., "Hypoxic hypometabolism in the anesthetized turtle, *Trachemys scripta*," AJP, Vol. 277, No. 1, p. R18-23, 1999. (*turtle, left aortic arch, acute*)
- 709A Hicks, J.W., Ishimatsu, A., Molloy, S., Erskin, A., Heisler, N., "The Mechanism for Cardiac Shunting in Reptiles: A New Synthesis," *Journal of Experimental Biology*, Vol. 199, Pt. 6, p. 1435-1446, 1996. (*turtle, total pulmonary bf, systemic bf.*)
- 525A Hicks, J.W., Comeau, S.G., "Vagal Regulation of Intracardiac Shunting in the Turtle *Pseudemys Scripta*," *Journal of Experimental Biology*, Vol. 186, p. 109-126, 1994. (*turtle, PA*)
- 524A Comeau, S.G., Hicks, J.W., "Regulation of Central Vascular Blood Flow in the Turtle," *American Journal of Physiology*, Vol. 267, No. 36, p R569-R578, 1994. (*turtle, aortic, subclavian, carotid, PA*)
- 523A Hicks, J.W., "Adrenergic and Cholinergic Regulation of Intracardiac Shunting," *Physiological Zoology*, Vol. 67, No. 6, p 1325-1346, 1994. (*turtle, aortic, subclavian, carotid, PA*)

### SNAKES

#### Rattlesnake

- 2161A Young, B.A., Zahn, K., "Venom flow in rattlesnakes: mechanics and metering," *J Exp Biol*, Vol. 204, Pt. 24, p. 4345-41, 2001. (*rattlesnake, venom duct, chronic*)
- 1790A Kemper, W.F., Lindstedt, S.L., Hartzler, L.K., Hicks, J.W., Conley, K.E., "Shaking up glycolysis: Sustained, high lactate flux during aerobic rattling," *PNAS*, Vol. 98, No. 2, p. 723-728, 2001. (*rattlesnake, dorsal aorta, chronic*)
- 1681A Young, B.A., Zahn, K., Blair, M., Lalor, J., "Functional Subdivision of the Venom Gland Musculature and the Regulation of Venom Expulsion in Rattlesnakes," *Journal of Morphology*, Vol. 246, No. 3, p. 249-259, 2000. (*rattlesnake venom gland, venom*)

#### Python

- 1792A Secor, S.M., Hicks, J.W., Bennett, A.F., "Ventilatory and cardiovascular responses of a python (*Python molurus*) to exercise and digestion," *J Ex Biol*, Vol. 203, Pt. 16, p. 2447-54, 2000. (*python, systemic a., 2R, chronic*)
- 1621A Wang, T., Axelsson, M., Jensen, J., Conlon, J.M., "Cardiovascular Actions of Python Bradykinin and Substance P in the Anesthetized Python, *Python regius*," *American Journal of Physiology*, Vol. 279, No. 2, p. R531-538, 2000. (*python, aorta, acute*)
- 1254A Secor, S.M., Hicks, J.W., Bennet, A.F., Diamond, J., "Cardiac and Ventilatory Responses in Digesting Pythons," *Ep. Biology Abstracts Part II* Vol. 13, No., p. A744 1999. (*python, systemic arteries, sub-acute*)

### LIZARDS

#### Iguana

- 2957A Suzanne L. Munns, Lynn K. Hartzler, Albert F. Bennett, and James W. Hicks, "Elevated intra-abdominal pressure limits venous return during exercise in *Varanus exanthematicus*," *J. Exp. Biol.* 2004 207: 4111-4120. lizard, venous return, ventilation
- 1992A Farmer, C.G., Hicks, J.W., "Circulatory impairment induced by exercise in the lizard *Iguana Iguana*," *Journal of Experimental Biology*, Vol. 203, Pt. 17, p. 2692-2697, 2000. (*iguana, vena cava, chronic*)

#### Lizard

- 1998A Hicks, J.W., Wang, T., Bennett, A.F., "Patterns of cardiovascular and ventilatory response to elevated metabolic states in the lizard *Varanus Exanthematicus*," *The Journal of Experimental Biology*, Vol. 203, Pt. 16, p. 2437-45, 2000. (*lizard, left aortic arch, dorsal arch, chronic*)

### ALLIGATOR

- 2160A Platzack, B., Wang, Y., Crossley, D., Lance, V., Hicks, J.W., Conlon, J.M., "Characterization and cardiovascular actions of endothelin-1 and endothelin-3 from the American alligator," AJP, Vol. 282, No. 2, p. R594-602, 2002. (*alligator, pulmonary a., acute*)

