

## Lin Zhang, Ph.D

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### Research Experience

*Jul. 2017 – Present* **Assistant Professor**

College of Life and Environmental Sciences, Hangzhou Normal University  
Hangzhou, China

I am focusing on

- How ectotherms (with tropical lizard as subject) linking bioenergetics and overwintering strategy during global warming
- Macro-evolution including activity, metabolism and reproduction in squamate

*Jul. 2012 – Aug. 2013* **Research Assistant**

Institute of Hydrobiology, Chinese Academy of Sciences  
Wuhan, China

As an organizer and coordinator, joined the 2012 Yangtze Freshwater Dolphin Expedition

### Education

*Sep. 2013 – Jun. 2017* **Nanjing Normal University**

Ph.D, Ecology

Nanjing, China

*Sep. 2009 – Jun. 2012* **Yunnan Normal University (National Southwest Associated University)**

Master degree, Biochemistry and Molecular Biology

Kunming, China

*Sep. 2005 – Jul. 2009* **Yunnan Normal University (National Southwest Associated University)**

Bachelor degree, Biology

Kunming, China

### Self-Assessment

- Focuses on animal physiological and evolutionary ecology, especially integrative physiology and animal bioenergetics
- 10 years investigating experience in animal (mammals and reptilian) physiological and biochemical adaptation
- Proficient in operation of STATISTICA, SIGMAPLOT, SPSS, R etc in data analysis and figure making
- Independently working and resolving issues, well team building, coordination and cooperation
- Maturity, open-minded, flexible; high level of loyalty and credibility

## Selected Publications (#equal contribution)

1. **Zhang L**, Guo K, Zhang G-Z, Lin L-H, Ji X: Evolutionary transitions in body plan and reproductive mode alter maintenance metabolism in squamates. *BMC Evolutionary Biology* 2018; 18:45.
2. **Zhang L#**, Yang F#, Wang Z., Zhu W: Role of thermal physiology and bioenergetics on adaptation in tree shrew (*Tupaia belangeri*): the experiment test. *Scientific Reports* 2017; 7:41352.
3. **Zhang L#**, Yang F#, Cai J, Huang C, Wang Z, Zhu W: The role of photoperiod on the expression of hypothalamic genes regulating appetite in Chevriert's field mouse (*Apodemus chevriert*). *Animal Biology* 2015; 65(1):45-56.
4. **Zhang L#**, Zhu W#, Yang F, Wang Z: Influence of photoperiod on cold-adapted thermogenesis and endocrine aspects in the tree shrew (*Tupaia belangeri*). *Animal Biology* 2014; 64(1):1-17.
5. Zhu W#, **Zhang L#**, Gao W, Yu T, Wang Z: Effects of temperature and diet on energy budget and hormone concentrations in South China field mouse, *Apodemus draco*, from Hengduan mountain region. *Pakistan Journal of Zoology* 2014; 46: 485-496.
6. Zhu W#, Zhang D, **Zhang L#**, Wang Z: Effects of long-term forced exercise training on body mass, energy metabolism and serum leptin levels in *Apodemus chevriert* (Mammalia: Rodentia: Muridae). *Italian Journal of Zoology* 2013; 80(3): 373-393.
7. Zhu W#, **Zhang L#**, Wang Z: Effects of exogenous leptin on body mass, thermogenesis capacity and hormone concentrations of Yunnan Chinese vole, *Eothenomys miletus*, under varied photoperiod. *Pakistan Journal of Zoology* 2013; 45: 997-1006.
8. **Zhang L**, Cai J, Xiao C, Wang Z: A Protocol for DNA extraction from feces of the wild Pygmy Lorises, *Nycticebus pygmaeus*. *Pakistan Journal of Zoology* 2013; 45(5):1235-1239.
9. **Zhang L**, Liu P, Zhu W, Cai H, Wang Z: Variations in thermal physiology and energetics of the tree shrew (*Tupaia belangeri*) in response to cold acclimation. *Journal of Comparative Physiology B* 2012; 182(1):167-176.
10. **Zhang L**, Zhang H, Zhu W, Li X, Wang Z: Energy metabolism, thermogenesis and body mass regulation in tree shrew (*Tupaia belangeri*) during subsequent cold and warm acclimation. *Comparative Biochemistry and Physiology A* 2012; 162(4):437-442.
11. **Zhang L**, Zhu W, Wang Z: Role of photoperiod on hormone concentrations and adaptive capacity in tree shrews, *Tupaia belangeri*. *Comparative Biochemistry and Physiology A* 2012; 163(3-4):253-259.
12. **Zhang L#**, Liu P#, Wang Z: Thermoregulatory development in pups of Chevriert's field mouse (*Apodemus chevriert*) in Hengduan mountain region. *Pakistan Journal of Zoology* 2012; 44(6):1539-1544.
13. **Zhang L**, Wang R, Zhu WL, Liu PF, Cai JH, Wang Zk, Sivasakthivel.S, Lian X: Adaptive thermogenesis of the liver in tree shrew (*Tupaia belangeri*) during cold acclimation. *Animal Biology* 2011; 61:385-402.