

Curriculum Vitae

Lin Zhang Ph.D

Present address:

College of Life and Environmental Science
Hangzhou Normal University
Hangzhou, 311121, China
https://www.researchgate.net/profile/Lin_Zhang116

Education:

- | | |
|------------------------------|--|
| <i>Sep. 2013 – Jun. 2017</i> | Nanjing Normal University
Ph.D, Ecology
Nanjing, China |
| <i>Sep. 2009 – Jun. 2012</i> | Yunnan Normal University
Master degree, Biochemistry and Molecular Biology
Kunming, China |
| <i>Sep. 2005 – Jul. 2009</i> | Yunnan Normal University
Bachelor degree, Biology
Kunming, China |

Professional experience:

- | | |
|------------------------------|---|
| <i>Jul. 2017 – Present</i> | Assistant Professor
College of Life and Environmental Sciences,
Hangzhou Normal University, Hangzhou, China
1) How ectotherms (with tropical lizard as subject)
linking bioenergetics and overwintering strategy
during global warming
2) Macro-evolution including activity, metabolism
and reproduction in squamate |
| <i>Jul. 2012 – Aug. 2013</i> | Research Assistant
Institute of Hydrobiology, Chinese Academy of
Sciences, Wuhan, China
As an organizer and coordinator, joined the 2012
Yangtze Freshwater Dolphin Expedition |

Field experience:

Approximately 48 months over various trips to Qinghai, Gnasu, Sichuan, Yunnan, Guizhou, Guangxi, Hainan, Hunan, Hubei, Jiangxi, Zhejiang, Fujian, Anhui,

Shandong, Jiangsu, Shaanxi. Extensive experience in China.

Professional service:

Editorial Board, *Frontiers in Ecology and Evolution* (Behavioral and Evolutionary Ecology), 2018–present

Reviewer for journals: *BMC Plant Biology*, *Animal Biology*, *Physiology and Molecular Biology of Plants*, *Scientific Reports*, *Pakistan Journal of Zoology*, *Chinese Journal of Zoology*

Professional organizations:

China Zoological Society of Animal Physiological Ecology

Chinese Herpetological Society

Grants:

National Natural Science Foundation of China, 2019.01 – 2021.12, “Energy allocation strategies in *Calotes versicolor*: responses to climate warming” (RMB312,000; 31800377)

Awards and Honors:

Excellent Young Worker for Animal Physiological Ecology (China Zoological Society of Animal Physiological Ecology), 2018

Excellent Masters’ Degree (Yunnan Province), 2014

Invited seminars:

2019. Zhejiang A & F University (Hangzhou, China)

Lishui University (Lishui, China)

Hainan Tropical Ocean University (Sanya, China)

2018. Lishui University (Lishui, China)

2017. Nanjing University (Nanjing, China)

Invited symposium papers:

1. “Phylogenetic, curvature and metabolic scaling in reptiles” (Oral) for Symposia “Future interactions between Herpetology and Ecological/Evolutionary Physiology: challenges for a new generation of researchers in a changing world”, The 8th World Congress of Herpetology, Aug. 16–22 2016, World Congress of Herpetology, Hangzhou, China.
2. “Thermogenic properties in tree shrews (*Tupaia belangeri*): Enzyme activity, hormone concentration” (Poster), The 21st International Congress of Zoology, Sep. 2–7 2012, International Society of Zoological Sciences (ISZS), Haifa Israel.
3. “Thermal Physiology and energetics were investigated in tree shrews (*Tupaia belangeri*) under cold acclimation” (Poster), The First Asia-Pacific Conference on Integrative Behavioral Science (APCIB), Jul. 25–27 2011, International Society of Zoological Sciences (ISZS), Xi’an China.

Publications (#equal contribution):

1. #Cheng KM, #**Zhang L**, Wang J, Xu CX, Lu HL. Metabolic expenditure and feeding performance in hatchling yellow pond turtles (*Mauremys mutica*) from different incubation temperatures. *Aquaculture*. Doi:10.1016/j.aquaculture.2019.734627. 2020.
2. Fang MC, Zhu XM, Du Y, **Zhang L**, Lin LH. Macroecological patterns of climatic niche breadth variation in lacertid lizards. *Asian Herpetological Research* 10: 41–47. 2019.
3. **Zhang L**, Guo K, Zhang GZ, Lin LH, Ji X. Evolutionary transitions in body plan and reproductive mode alter maintenance metabolism in squamates. *BMC Evolutionary Biology*. 18: 45. 2018.
4. **Zhang L**, Yang F, Wang ZK, Zhu WL. Role of thermal physiology and bioenergetics on adaptation in tree shrew (*Tupaia belangeri*): the experiment test. *Scientific Reports*. 7: 41352. 2017.
5. **Zhang L**, Yang F, Cai JH, Huang CM, Wang ZK, Zhu WL. The role of photoperiod on the expression of hypothalamic genes regulating appetite in Chevrier's field mouse (*Apodemus chevrieri*). *Animal Biology*. 65: 45–56. 2015.
6. **Zhang L**, Zhu WL, Yang F, Wang ZK. Influence of photoperiod on cold-adapted thermogenesis and endocrine aspects in the tree shrew (*Tupaia belangeri*). *Animal Biology*. 64: 1–17. 2014.
7. #Zhu WL, #**Zhang L**, Gao WR, Yu TT, Wang ZK. 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*. 46: 485–496. 2014.
8. Zhu WL, Zhang H, **Zhang L**, Yu TT, Wang ZK. Thermogenic properties of Yunnan red-backed voles (*Eothenomys miletus*) from the Hengduan mountain region. *Animal Biology* 64: 59–73. 2014.
9. Yang SC, Zhu WL, **Zhang L**, Zhang H, Cai JH, Wang ZK. Effect of food restriction on energy intake and thermogenesis in Yunnan red-backed vole (*Eothenomys miletus*) with different metabolic levels. *Acta Ecol. Sin.* 34: 320–324. 2014.
10. Zhu WL, Mu Y, Zhang H, Gao WR, **Zhang L**, Wang ZK. Effects of random food deprivation on body mass, behavior and serum leptin levels in *Eothenomys miletus* (Mammalia: Rodentia: Cricetidae). *Italian Journal of Zoology* 81: 227–234. 2014.
11. Mei ZG, Zhang XQ, Huang SL, Zhao XJ, Hao YJ, **Zhang L**, Qian ZY, Zheng JS, Wang KX, Wang D. The Yangtze finless porpoise: On an accelerating path to

- extinction? Biological Conservation. 172: 117–123. 2014.
12. **Zhang L**, Cai JH, Xiao CH, Wang ZK. A Protocol for DNA extraction from feces of the wild pygmy lorises, *Nycticebus pygmaeus*. Pakistan Journal of Zoology. 45: 1235–1239. 2013.
 13. #Zhu WL, #**Zhang L**, Wang ZK. 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, 45: 997–1006. 2013.
 14. #Zhu WL, #Zhang D, #**Zhang L**, Wang ZK. Effects of long-term forced exercise training on body mass, energy metabolism and serum leptin levels in *Apodemus chevrieri* (Mammalia: Rodentia: Muridae). Italian Journal of Zoology, 80: 373–379. 2013.
 15. Zhu WL, **Zhang L**, Wang ZK. The thermogenic and metabolic responses to photoperiod manipulations in *Apodemus chevrieri*. Animal Biology 63: 241–255. 2013.
 16. Zhu WL, **Zhang L**, Wang ZK. Thermogenic property and its hormonal regulation in a South China field Mouse, *Apodemus draco*, under seasonal acclimatization. Pakistan Journal of Zoology 45: 423–431. 2013.
 17. Zhu WL, Wang ZK, **Zhang L**, Yang G. Metabolism, thermoregulation and evaporative water loss in the Chaotung Vole (*Eothenomys olitor*) in Yunnan-Kweichow Plateau in summer. Journal of Thermal Biology 38: 318–323. 2013.
 18. Zhu WL, Yang G, **Zhang L**, Wang ZK. Effects of photoperiod and temperature on the body mass, thermogenesis, and serum leptin levels of *Apodemus draco* (Rodentia: Muridae) in the Hengduan Mountain region, China. Zoological Studies 52: 20. 2013.
 19. Zhu WL, Mu Y, Zhang H, **Zhang L**, Wang ZK. Effects of food restriction on body mass, thermogenesis and serum leptin level in *Apodemus chevrieri* (Mammalia: Rodentia: Muridae). Italian Journal of Zoology 80: 337–344. 2013.
 20. **Zhang L**, Liu PF, Wang ZK. Thermoregulatory development in pups of Chevrier's field mouse (*Apodemus chevrieri*) in Hengduan Mountain region. Pakistan Journal of Zoology. 44: 1539–1544. 2012.
 21. **Zhang L**, Zhu WL, Wang ZK. Role of photoperiod on hormone concentrations and adaptive capacity in tree shrews, *Tupaia belangeri*. Comparative Biochemistry and Physiology A. 163: 253–259. 2012.
 22. **Zhang L**, Zhang H, Zhu WL, Li XS, Wang ZK. Energy metabolism, thermogenesis and body mass regulation in tree shrew (*Tupaia belangeri*) during cold acclimation and rewarming. Comparative Biochemistry and Physiology A 162: 437–442. 2012.

23. **Zhang L**, Liu PF, Zhu WL, Cai JH, Wang ZK. Variations in thermal physiology and energetics of the tree shrew (*Tupaia belangeri*) in response to cold acclimation. *Journal of Comparative Physiology B* 182: 167–176. 2012.
24. Zhu WL, Yang SC, **Zhang L**, Wang ZK. Seasonal variations of body mass, thermogenesis and digestive tract morphology in *Apodemus chevrieri* in Hengduan mountain region. *Animal Biology* 62: 463–478. 2012.
25. Zhu WL, Huang CM, **Zhang L**, Cai JH, Wang ZK. Changes of energy metabolism, thermogenesis and body mass in the tree shrew (*Tupaia belangeri chinensis* Tupaiidae, Scandebtia) during cold exposure. *Italian Journal of Zoology* 79: 175–181. 2012.
26. **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* 61: 385–401. 2011.
27. Zhu WL, **Zhang L**, Wang ZK. Thermogenic characteristics and evaporative water loss in the tree shrew (*Tuapia belangeri*). *Journal of Thermal Biology* 35: 290–294. 2010.