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Publications (as of August 2013, in reversed chronological order)

I. Publications: Book and Edited Symposium Proceedings

Book

- 90) Kielan-Jaworowska, Z., R. L. Cifelli, and **Z.-X. Luo**. 2004. Mammals from the Age of Dinosaurs: Origins, Evolution, and Structure. Columbia University Press, New York. Pp. i-xv, 1-630; 239 figures.

Edited Volumes of Symposium Proceedings

- 89) Xu, X., **Luo, Z.-X.** and J.-Y. Rong (Guest Editors). 2010. Recent Advances in Chinese Palaeontology. Proceedings of Royal Society, Series B (Biological Sciences) 277 (1679): 161-344 (Print issue published on January 22, 2010, after online publications of the papers in this volume during 2009) (Special Issue on Paleontology of China, organized and edited by Xu, Luo and Rong, at the invitation of the Editorial Board of Proceedings of Royal Society)
- 88) Beard, K. C. and **Z.-X. Luo** (Editors). 2007. Mammalian Paleontology On A Global Stage: Papers In Honor of Mary R. Dawson. Bulletin of Carnegie Museum of Natural History 39: 1-234.
- 87) Polly, P. D., Springer, M. S. and **Z.X. Luo** (Editors). 2005. Journal of Mammalian Evolution – the Clemens Special Volume. Journal of Mammalian Evolution, Volume 12 (Issues 1/2 3/4): 1-552. (W. A. Clemens Festschrift Volumes)

II. Full length peer-reviewed research papers

(excluding abstracts, book reviews, commentaries and popular articles)

2013 and In Press

- 86) **Z.-X. Luo** (accepted). Early evolution of the mammalian shoulder girdle. Pp.###-###. In: K. P. Dial, E. L. Brainerd & N. H. Shubin (eds.) Great Transformations: Major Events in the History of Vertebrate Life - Festschrift in Honor of Professor Farish A. Jenkins, Jr. The University of California Press.
- 85) Yuan, C.-X., Ji, Q., Meng, Q.-J. and **Z.-X. Luo**. 2013. Earliest evolution of multituberculate mammals revealed by a new Jurassic fossil. SCIENCE 341: 779-783.
- 84) Zhou, C.-F., Wu, S., Martin, T. and **Z.-X. Luo**. 2013. A Jurassic mammaliaform and the earliest mammalian evolutionary adaptations. NATURE 500: 163-168 (doi:10.1038/nature12429).
- 83) Ruf, I., **Z.-X. Luo**, and T. Martin. 2013. Re-investigation of the basicranium of *Haldanodon expectatus* (Docodonta, Mammaliaformes). Journal of Vertebrate Paleontology 33:382-400.
- 82) O'Leary, M. A., Bloch, J. I., Flynn, J. J., Gaudin, T. J., Giallombardo, A., Giannini, N. P., Goldberg, S.

L., Kraatz, B. P., **Luo Z.-X.**, Meng, J., Ni, X., Novacek, M. J., Perini, F. A., Randall, Z. S., Rougier, G. W., Sargis, E. J., Silcox, M. T., Simmons, N. B., Spaulding, M., Velazco, P. M., Weksler, M., Wible, J. R., and A. L. Cirranello. 2013. The placental mammal ancestor and the post-K-Pg radiation of placentals. *SCIENCE* 339: 662-667.

2012

- 81) **Luo, Z.-X.**, I. Ruf and T. Martin. 2012. The petrosal and inner ear of the Late Jurassic cladotherian mammal *Dryolestes leiriensis* and implications for evolution of ear in therian mammals. *Zoological Journal of Linnean Society (London)* 166:433-463.
- 80) Chen, M. and **Z.-X. Luo**. 2012. Postcranial skeleton of the Cretaceous mammal *Akidolestes cifellii* and its locomotor adaptations. *Journal of Mammalian Evolution* 20: 159-189 (DOI10.1007/s10914-012-9199-9 (online version published in 2012, print version published in 2013).

2011

- 79) **Luo, Z.-X.** 2011. Developmental patterns in Mesozoic evolution of mammal ears. *Annual Review of Ecology, Evolution and Systematics* 42: 355-80 (10.1146/annurev-ecolsys-032511-142302).
- 78) **Luo, Z.-X.**, Yuan, C.-X., Q.-J. Meng, and Q. Ji. 2011. A Jurassic eutherian mammal and the divergence of marsupials and placentals. *NATURE* 476: 442-445 (doi:10.1038/nature10291)
- 77) Rowe, T. B., Macrini, T. E., and **Z.-X. Luo**. 2011. Fossil evidence on origin of the mammalian brain. *SCIENCE* 332: 955-957 (DOI: 10.1126/science.1203117).

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- 76) **Luo, Z.-X.**, Ruf, I., J. A. Schultz, and T. Martin. 2011. Fossil evidence on evolution of inner ear cochlea in Jurassic mammals. *Proceedings of Royal Society Series-B (Biological Sciences)* 278: 28-34 (doi: 10.1098/rspb.2010.1148) (Published online in July 28, 2010, print version published 2011).
- 75) **Luo, Z.-X.** 2010. Evolutionary Development and Homoplasy of the Middle Ear in Early Mammal Evolution. Pp. 163-179. *In: Darwin's Heritage Today* (Manyuan Long, Zhonghe Zhou and Hongya Gu, editors). China Higher Education Press, Beijing, China (Invited contribution to the Proceedings of Darwin-China 200 Symposium, Beijing, China, October 2009, hosted by Peking University, Chinese Academy of Sciences and National Natural Sciences Foundation of China).

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- 74) Ji, Q., **Luo, Z.-X.**, Zhang, Z.-L., Yuan, C.-X. and L. Xu. 2009. Evolutionary development of the middle ear in Mesozoic therian mammals. *SCIENCE* 326:278-231 (DOI:10.1126/science.1187501).
- 73) Gao, C.-L., Wilson, G. P., **Luo, Z.-X.**, Maga, A. M., Meng, Q.-J., and Wang, X.-R. 2009. A new mammal skull from the Lower Cretaceous of China with implications for the evolution of obtuse angled molars and amphilestid eutriconodonts. *Proceedings of Royal Society (London) Series B (Biological Sciences)*. 277:237-246 (doi:10.1098/rspb.2009.1014)
- 72) Ruf, I., **Luo, Z.-X.**, Wible, J. R. and T. Martin. 2009. Petrosal Anatomy and Inner Ear Structure of the Late Jurassic Mammal *Henkelotherium* And the Ear Region Characters of Basal Therian Mammals. *Journal of Anatomy*. 214: 679-693. doi:10.1111/j.1469-7580.2009.01059.x

2008

- 71) Chen, M. and **Z.-X. Luo**. 2008. Morphology of dentition and postcranial skeleton of *Akidolestes*. *Acta Geologica Sinica (Chinese Edition)* 82(2): 155-164 (with English Abstract).

70) You, H.-L. and **Z.-X. Luo**. **2008**. Dinosaurs from the Lower Cretaceous Gonpoquan Basin in Jiuquan Area, Gansu Province, China. *Acta Geologica Sinica (Chinese Edition)* 82(1): 139-144. (with English Abstract).

2007

69) **Luo, Z.-X.** **2007**. Transformation and diversification in the early mammalian evolution. *NATURE* 450: 1011-1019.

68) **Luo, Z. X.**, Q. Ji and C.-X. Yuan. **2007**. Convergent dental evolution in pseudotribosphenic and tribosphenic mammals. *NATURE* 450: 93-97.

67) **Luo, Z.-X.**, P.-J. Chen, G. Li and M. Chen. **2007**. A new eutriconodont mammal and evolutionary development of early mammals. *NATURE* 446: 288-293.

66) **Luo, Z.-X.**, and T. Martin. **2007**. Analysis of molar structure and phylogeny of docodontan genera. *Bulletin of Carnegie Museum of Natural History* 39: 27-47.

65) **Luo, Z.-X.** **2007**. Successive diversifications in early mammalian evolution. Pp. 337-391. *In: Major Transitions In Vertebrate Evolution* (J. S. Anderson and H.-D. Sues, eds.). Indiana University Press, Bloomington and Indianapolis, Indiana.

2006

64) Ji, Q., **Z.-X. Luo**, C.-X. Yuan, and A. R. Tabrum. **2006**. A swimming mammaliaform from the Middle Jurassic and ecomorphological diversification of early mammals. *SCIENCE* 311: 1123-1127. (Research Article, Featured on Cover, with a Perspective by Thomas Martin).

63) Li, G., and **Z.-X. Luo**. **2006**. A Cretaceous symmetrodont therian with some monotreme-like postcranial features. *NATURE* 439: 195-200.

62) Hurum, J. H., **Z.-X. Luo**, and Z. Kielan-Jaworowska. **2006**. Were mammals originally venomous? *Acta Palaeontologica Polonica* 51(1): 1-11.

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61) **Luo, Z.-X.**, and J. R. Wible. **2005**. A new Late Jurassic digging mammal and early mammalian diversification. *SCIENCE* 308: 103-107.

60) Martin, T., and **Luo, Z.-X.** **2005**. Paleontology: Homoplasy in the Mammalian Ear. *SCIENCE* 307: 861-862.

59) **Luo, Z.-X.**, and Q. Ji. **2005**. New study on dental and skeletal features of the Cretaceous mammal Zhangheotherium. *Journal of Mammalian Evolution* 12: 337-357.

58) Geisler, J. H., A. E. Sanders, and **Z.-X. Luo**. **2005**. A new protocetid whale (Cetacea: Protocetidae) from the Middle Eocene of South Carolina, U.S.A. *The American Museum Novitates* 3480: 1-65.

57) **Luo, Z.-X.** **2005**. Vertebrate Paleontology: Mesozoic mammals. Pp. 527-534. *In*, R. C. Selley, R. Cocks and I. Pilmer (editors): Encyclopedia of Geology (2004 Edition). Academic Press/Elsevier Science Ltd, Oxford and London.

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56) **Luo, Z.-X.**, Z. Kielan-Jaworowska, and R. L. Cifelli. **2004**. Evolution of Dental Replacement in Mammals. Pp. 159 - 175, *in Fanfare for an Uncommon Paleontologist - Festschrift in Honor of Dr. Malcolm C. McKenna*, (M. R. Dawson, and J. A. Lillegraven, eds.). The Carnegie Museum of Natural History Bulletin 36: 159-175.

55) Dooley, A. C., Jr., N. C. Fraser, and **Z.-X. Luo**. **2004**. The earliest member of the rorqual-gray whale (Mammalia, Cetacea). *Journal of Vertebrate Paleontology* 24: 453-463.

54) Datta, P. M., D. P. Das, and **Z.-X. Luo**. **2004**. A Late Triassic dromatheriid (Cynodontia, Synapsida) from Tiki Formation of India. *Annals of Carnegie Museum* 73(2): 72-84.

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53) **Luo, Z.-X.**, Q. Ji, J. R. Wible, and C.-X. Yuan. **2003**. An Early Cretaceous tribosphenic mammal and metatherian evolution. *SCIENCE* 302: 1934-1940. (Research Article, with a Perspective from Richard L. Cifelli and Brian M. Davis).

52) You, H.-L., F. Tang, and **Z.-X. Luo**. **2003**. A new basal titanosaur (Dinosauria: Sauropoda) from the Early Cretaceous of China. *Acta Geologica Sinica (English Edition) (Beijing)* 77: 424-429.

51) Shapiro, M. D., H.-L. You, N. H. Shubin, **Z.-X. Luo**, and J. P. Downs. **2003**. A large ornithomimid from the Lower Cretaceous of the Mazongshan area, northern Gansu Province, People's Republic of China. *Journal of Vertebrate Paleontology* 23: 695-698.

50) You, H.-L., **Z.-X. Luo**, N. H. Shubin, L. M. Witmer, Z.-L. Tang, and F. Tang. **2003**. The earliest-known duck-billed dinosaur from deposits of late Early Cretaceous age in northwest China and hadrosaur evolution. *Cretaceous Research* 24: 347-355.

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49) Ji, Q., **Z.-X. Luo**, C.-X. Yuan, J. R. Wible, J.-P. Zhang, and J. A. Georgi. **2002**. The earliest known eutherian mammal. *NATURE* 416: 816-822. (Research article - With a News & Views commentary by Anne Weil).

48) Kielan-Jaworowska, Z., R. L. Cifelli, and **Z.-X. Luo**. **2002**. Dental structure of *Shuotherium* and its relationships. *Acta Palaeontologica Polonica* 47: 479-486.

47) **Luo, Z.-X.**, Z. Kielan-Jaworowska, and R. L. Cifelli. **2002**. In quest for a phylogeny of Mesozoic mammals. *Acta Palaeontologica Polonica* 47: 1-78.

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46) **Luo, Z.-X.**, A. W. Crompton, and A.-L. Sun. **2001**. A new mammaliaform from the Early Jurassic of China and evolution of mammalian characteristics. *SCIENCE* 292: 1535-1540. (Featured on the cover -- with a Perspective commentary from André Wyss).

45) **Luo, Z.-X.**, R. C. Cifelli, and Z. Kielan-Jaworowska. **2001**. Dual origin of tribosphenic mammals. *NATURE* 409: 53-57. (Research article - with a News & Views commentary from Anne Weil).

44) Tang, F., **Z.-X. Luo**, Z.-H. Zhou, H.-L. You, J. A. Georgi, Z.-L. Tang, and X.-Z. Wang. **2001**. Biostratigraphy and Paleoenvironment of the Dinosaur-bearing Sediments in Lower Cretaceous of Mazongshan Area, Gansu Province, China. *Cretaceous Research* 22: 115-129.

43) **Luo, Z.-X.** **2001**. Inner ear and its bony housing in tritylodonts and implications for evolution of mammalian ear. Pp. 81-97, in *Studies in Organismic and Evolutionary Biology in Honor of Alfred W. Crompton* (F. A. Jenkins, M. D. Shapiro, and T. Owerkowicz, eds.). *Bulletin of Museum of Comparative Zoology, Harvard University* 156: 81-97.

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42) **Luo, Z.-X.** **2000**. Evolution: in search of the whales' sisters. *NATURE* 404: 235-239. (Invited News & Views Commentary on the relationships of cetaceans to ungulate mammals).

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- 41) **Luo, Z.-X. 1999.** A refugium of relicts. *NATURE* 400: 23-25. (Invited News & Views commentary on the age of the feathered dinosaur fauna in China).
- 40) **Luo, Z.-X.,** and P. D. Gingerich. **1999.** Transition from terrestrial ungulates to aquatic whales: transformation of the basicranium and evolution of hearing. *Papers on Paleontology* 31: 1-98. Monograph Series of Museum of Paleontology, University of Michigan, Ann Arbor, Michigan.
- 39) Ji, Q., **Z.-X. Luo,** and S.-A. Ji. **1999.** A Chinese triconodont mammal and mosaic evolution of mammalian skeleton. *NATURE* 398: 326-330. (with a News & Views commentary from Timothy Rowe).

1998

- 38) Tang, F., **Z.-X. Luo,** Z.-H. Zhou, H.-L. You, and L. Tan. **1998.** Genesis of the stratigraphic sequence in the late Mesozoic terrestrial basin in the Ma-Zong-Shan areas of Gansu Province. *Chinese Geology* 1998(10): 40-44. [in Chinese]
- 37) Kielan-Jaworowska, Z., R. L. Cifelli, and **Z.-X. Luo. 1998.** Alleged Cretaceous placental mammal from down under. *Lethaia* 31: 267-268.
- 36) Zhang, F.-K., A. W. Crompton, **Z.-X. Luo,** and C. R. Schaff. **1998.** Pattern of dental replacement of Sinoconodon and its implications for evolution of mammals. *Vertebrata Palasiatica* 36: 197-217. (in both Chinese and English).
- 35) Hu, Y.-M., Wang, Y.-Q., C.-K. Li, and **Z.-X. Luo. 1998.** Morphology of dentition and forelimb of Zhangheotherium. *Vertebrata Palasiatica* 36: 102-125. (in both Chinese and English).
- 34) Geisler, J. H., and **Z.-X. Luo. 1998.** Cranial vascular evolution in mesonychids and cetaceans and the phylogenetic position of cete. Pp. 161-212, in Evolutionary Emergence of Whales, (J. G. M. Thewissen, ed.). Plenum Press, New York.
- 33) **Luo, Z.-X. 1998.** Homology and Transformation of the cetacean ectotympanic structures. Pp. 269-301, in Evolutionary Emergence of Whales, (J. G. M. Thewissen, ed.). Plenum Press, New York.

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- 32) Hu, Y.-M., Wang, Y.-Q., **Z.-X. Luo,** and C.-K. Li. **1997.** A new symmetrodont mammal from China and its implications for mammalian evolution. *NATURE* 390: 137-142.

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- 31) Geisler, J. H., and **Z.-X. Luo. 1996.** Petrosal and inner ear structures of Herpetocetus, their implications on relationships and hearing function of archaic mysticetes. *Journal of Paleontology* 70: 1045-1066.
- 30) **Luo, Z.-X.,** and K. K. Marsh. **1996.** Petrosal (periotic) and inner ear of a Pliocene kogiine whale (Kogiinae, Odontoceti): implications on relationships and hearing evolution of toothed whales. *Journal of Vertebrate Paleontology* 16: 328-348.

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- 29) **Luo, Z.-X.,** S. G. Lucas, J.-J. Li, and S.-N. Zhen. **1995.** A new specimen of Morganucodon oehleri from the Lower Lufeng Formation, Yunnan, China. *Neues Jahrbuch für Geologie und Paläontologie* 11: 671-680.
- 28) **Luo, Z.-X.,** and X.-C. Wu. **1995.** Correlation of vertebrate assemblage of the Lower Lufeng Formation, Yunnan, China. Pp. 83-88, in Sixth Symposium on Mesozoic Terrestrial

Ecosystems and Biotas, Short Papers, (A.-L. Sun, and Y.-Q. Wang, eds.). China Ocean Press, Beijing, China.

27) **Luo, Z.-X.**, and E. R. Eastman. **1995**. The petrosal and inner ear structures of a squalodontoid whale: implications for evolution of hearing in odontocetes. *Journal of Vertebrate Paleontology* 15: 431-442.

26) **Luo, Z.-X.**, A. W. Crompton, and S. G. Lucas. **1995**. Evolutionary origins of the mammalian promontorium and cochlea. *Journal of Vertebrate Paleontology* 15: 113-121.

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25) **Luo, Z.-X.**, and X.-C. Wu. **1994**. The small vertebrate fauna of the Lower Lufeng Formation, Yunnan. Pp. 251-270, *in In the Shadow of Dinosaurs—Early Mesozoic Tetrapods*, (N. C. Fraser, and H.-D. Sues, eds.). Cambridge University Press, Cambridge, New York and Melbourne.

24) **Luo, Z.-X.** **1994**. Sister taxon relationships of mammals and the transformations of the diagnostic mammalian characters. Pp. 98-128, *in In the Shadow of Dinosaurs—Early Mesozoic Tetrapods*, (N. C. Fraser, and H.-D. Sues, eds.). Cambridge University Press, Cambridge, New York and Melbourne.

23) **Luo, Z.-X.**, and A. W. Crompton. **1994**. Transformations of the quadrate (incus) through the transition from non-mammalian cynodonts to mammals. *Journal of Vertebrate Paleontology* 14: 341-374.

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22) Crompton, A. W., and **Z.-X. Luo**. **1993**. The relationships of the Liassic mammals *Sinoconodon*, *Morganucodon oehleri* and *Dinnetherium*. Pp. 30-44, *in Mammal Phylogeny* (F. S. Szalay, M. J. Novacek, and M. C. McKenna, eds.). Springer-Verlag, New York.

21) Lucas, S. G., and **Z.-X. Luo**. **1993**. *Adelobasileus* from the Upper Triassic of West Texas: the oldest mammal. *Journal of Vertebrate Paleontology* 13: 309-334.

20) **Luo, Z.-X.**, and A.-L. Sun. **1993**. *Oligokyphus* (Cynodontia: Tritylodontidae) from the Lower Lufeng Formation (Lower Jurassic) of Yunnan, China. *Journal of Vertebrate Paleontology* 13: 477-482.

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19) **Luo, Z.-X.**, and D. R. Ketten. **1991**. CT scanning and computerized reconstructions of the inner ear structure of multituberculate mammals. *Journal of Vertebrate Paleontology*, 11: 220-228.

18) **Luo, Z.-X.** **1991**. The variability of dental morphology and the relationships of the earliest arctocyonid species. *Journal of Vertebrate Paleontology* 11: 452-471.

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17) McKenna, M. C., M.-C. Chow, S.-Y. Ting, and **Z.-X. Luo**. **1989**. *Radinskya yupingae*, a perissodactyl-like mammal from the late Paleocene of Southern China. Pp. 24-37, *in The Evolution of Perissodactyls*, (D. R. Prothero, and R. M. Schoch, eds.). Oxford University Press, Oxford.

III. Published Reviews, Commentaries & Popular Scientific Articles

16) **Luo, Z.-X.** 2010. Journal Club (Commentary on mammalian dental evolutionary development – Invited Column on Research Highlights). *NATURE* 465: 669 (10 June 2010).

15) Xiao, S.-H., Q. Yang, and **Z.-X. Luo** 2010. A golden age of paleontology in China? A SWOT analysis. *Palaeontologia Electronica* Vol. 13, Issue 1; 3E:4p; http://palaeo-electronica.org/paleo/2010_1/commentary/china.htm

- 14) Xu, X., **Luo Z.-X.** and J-Y Rong. 2009. Recent Advances in Chinese Palaeontology. *Proceedings of Royal Society B (Biological Sciences)* 277:161-164. (DOI: 10.1098/rspb.2009.1668)
- 13) **Luo, Z.-X.** 2009. The 100th Anniversary of the Discovery of Dinosaur National Monument. Pp: 22-25. *Dinosaur Expo 2009 – The Miracle of Deserts Exhibit Catalogue Book*. (Exhibit in Tokyo, Japan) Published by the Nikkei Press, Tokyo, Japan. (Translated into Japanese by Nikkei).
- 12) **Luo, Z.-X.** 2008. Rise of marsupial and placental mammals in the Cretaceous of Asia. In, K. Miyata (ed.) *Extinction of Dinosaurs and Rise of New Rulers (Exhibit Book for Special Exhibition)*, pp. 105-108. Fukui Prefectural Dinosaur Museum, Fukui, Japan. (In English and Japanese: Japanese translation provided by Dr. K. Miyata).
- 11) K. C. Beard and **Zhe-Xi Luo**. 2007. Mammalian paleontology on a global stage: a tribute to Mary R. Dawson. *Bulletin of Carnegie Museum of Natural History* 39: 1-5.
- 10) **Luo, Z.-X.** 2007. Book Review: Natural history of human's most distant relatives: Echidna – Extraordinary egg-laying mammal. By Michael L. Augee, Brett A. Gooden, and Anne M. Musser. *Journal of Mammalian Evolution* 14: 283-285.
- 9) **Luo, Z.-X.** and M. Chen. 2007. The magic story of mammalian ear evolution. *Scientific American (Chinese Edition, Taiwan)*. June 2007. No. 64: 96-98. (In Chinese).
- 8) P. D. Polly, J. A. Lillegraven, and **Z.-X. Luo**. 2005. Introduction: Paleomammalogy in Honor of Professor Emeritus William Alvin Clemens, Jr. *Journal of Mammalian Evolution* 12:3-9.
- 7) **Luo, Z.-X.** 2005. Book review: "Doushantuo Fossils: Life on the Eve of Animal Radiation." By Xun-lai Yuan, Shu-hai Xiao, Lei-ming Yin, Andrew H. Knoll, Chuan-ming Zhou and Xi-nan Mu. 2002. *Journal of Paleontology* 75:1040-1042.
- 6) **Luo, Z.-X.** 2004. A Window on Early Animal Evolution (Book review): for "The Cambrian Fossils of Chengjiang, China – The Flowering of Early Animal Life" by Xian-Guang Hou, Richard J. Aldridge, Jan Bergström, David J. Siveter, Derek J. Siveter & Xiang-Hong Feng. *Nature* 430: 405.
- 5) **Luo, Z.-X.** 2002. Evolutionary story of the Mesozoic tribosphenic mammals. *Scientific American (Chinese Edition, Taiwan)*, April 2002: 62-63. (Popular Scientific Article, in Chinese).
- 4) **Luo, Z.-X.** 2002. Symmetrodonts (an entry to the McGraw-Hill Encyclopedia). The McGraw-Hill Encyclopedia of Science and Technology, Ninth Edition. P. 84. New York, NY. (Published Review).
- 3) **Luo, Z.-X.** 2001. Foreword to Rise of the Dragon. Pp. ix-xiv, in Rise of the Dragon – Recent Advancement in Palaeontology in China, (Henry Gee, ed.). The University of Chicago Press. (Invited contribution by the editor)
- 2) **Luo, Z.-X.** 1997. How do whales hear? *Carnegie Magazine*, Vol. LXIII: Pp. 23-25. (Popular Scientific Article).
- 1) **Luo, Z.-X.**, and Z. Zhang. 1995. Thrinaxodon: Digital Atlas of the Skull (by T. Rowe, W. Carlson, and W. Botoroff). *Journal of Vertebrate Paleontology*, 15: 871-874. (Published Review).

IV. Ph.D. Thesis

Luo, Z.-X. 1989. The petrosal structures of Multituberculata (Mammalia) and the molar morphology of early Arctocyonidae (Condylarthra, Mammalia). Ph.D. Dissertation, Museum of Paleontology, University of California at Berkeley. Pp. 1-426. (Major adviser: William A. Clemens, Jr.; Committee Members: Marvalee H. Wake, and Kevin Padian).

**V. Published Abstracts & Posters at Conferences and Symposia
(About 55 abstracts as of 2013)**

Economic Policy Symposium Proceedings. About the Symposium. About Jackson Hole In Late August Past Symposiums. About the Economic Symposium. Each year since 1978, the Federal Reserve Bank of Kansas City has sponsored a symposium on an important economic issue facing the U.S. and world economies. Symposium participants include prominent central bankers, finance ministers, academics, and financial market participants from around the world. The participants convene to discuss the economic issues, implications, and policy options pertaining to the symposium topic. The symposium proceedings include Book and Book online 095/2. Advances in Stereotactic and Functional Neurosurgery 10: Proceedings of the 10th Meeting of the European Society for Stereotactic and Functional Neur (Acta Neurochirurgica Supplementum). African trilogy: Comprising Mediterranean front A year of battle The end in Africa; a personal account of the three years struggle against the axis in the Middle East and North Africa 1940-3. Articles in Edited Books. Kessler Christoph, Gorlatch Sergei, Enmyren Johan, Dastgeer Usman, Steuwer Michel, Kegel Philipp. 2017. Skeleton Programming for Portable Many-Core Computing. In Proceedings of the 2012 IEEE 26th International Parallel and Distributed Processing Symposium Workshops, IPDPSW 2012, 1858-1865.: IEEE Computer Society. doi: 10.1109/IPDPSW.2012.229. Steuwer Michel, Kegel Philipp, Gorlatch Sergei. 2012. A High-Level Programming Approach for Distributed Systems with Accelerators. In New Trends in Software Methodologies, Tools and Techniques - Proceedings of the Eleventh SoMeT '12, edited by Fujita Hamido, Revetria Roberto, 430-441.: IOS Press. doi: 10.3233/978-1-61499-125-0-430. Articles in Edited Books.