

- [10] Willett S D. Orogeny and orography: The effects of erosion on the structure of mountain belts [J]. *Journal Geophysical Research*, 1999, 104(28): 957-981.
- [11] Beaumont C, Jamieson R A, Nguyen M H, et al. Himalayan tectonics explained by extrusion of a low-viscosity crustal channel coupled to focused surface denudation [J]. *Nature*, 2001, 414: 738-742.
- [12] Bonnet C, Malavieille J, Mosar J. Surface processes versus kinematics of thrust belts: impact on rates of erosion, sedimentation and exhumation—Insights from analogue models [J]. *Geological Society of America Bulletin*, 2008, 179(3): 297-314.
- [13] Hilley G E, Strecker M R, Ramos V A. Growth and erosion of fold-and-thrust belts, with an application to the Aconcagua fold-and-thrust belt, Argentina [J]. *Journal of Geophysical Research*, 2004, 10, B01410. doi:10.1029/2002JB002282.
- [14] Hilley G E, Coutand I. Links between topography, erosion, rheological heterogeneity, and deformation in contractional settings: Insights from the central Andes [J]. *Tectonophysics*, 2009, 495 (1-2): 78-92.
- [15] Castellanos C D. Interplay between lithospheric flexure and river transport in foreland basin [J]. *Basin Research*, 2002, 14: 89-104.
- [16] Koons P O, Zeitler P K, Chamberlain C P, et al. Mechanical links between erosion and metamorphism in Nanga Parbat, Pakistan Himalaya [J]. *American Journal of Science*, 2002, 302: 749-773.
- [17] Simpson G D H. How and to what extent does the emergence of orogens above sea level influence their tectonic development? [J]. *Terra Nova*, 2006, 6(18), 447-451.
- [18] Simpson G D H, Schlunegger F. Topographic evolution and morphology of surfaces evolving in response to coupled fluvial and hill slope sediment transport [J]. *Journal of Geophysical Research*, 2003, 108(B6): 2300, doi:10.1029/2002JB002162.
- [19] Sinclair H D, Coakley B J, Allen P A, et al. Simulation of foreland basin stratigraphy using a diffusion model of mountain belt uplift and erosion: An example from the central Alps, Switzerland [J]. *Tectonics*, 1991, 10(3): 599-620.
- [20] Norris R J, Cooper A F. Erosional control on the structural evolution of a transpressional thrust complex on the Alpine Fault, New Zealand [J]. *Journal of Structural Geology*, 1997, 19(10): 1323-1342.
- [21] Oberlander T M. Orogen of drainage transverse to structures in orogens [C] // Morisawa M, Hack J T. *Tectonic geomorphology*. Boston: Allen and Unwin, 1985: 155-182.
- [22] Alvarez W. Drainage on evolving fold-thrust belt: A study of transverse canyons in the Apennines [J]. *Basin Research*, 1999, 11(3): 267-284.
- [23] Scarsells S, Simpson G D H, Allen P A, et al. Association between Messinian drainage network formation and major tectonic activity in the Marches Apennines (Italy) [J]. *Terra Nova*, 2007, 19(1): 74-81.
- [24] Stokes M, Mather A E. Tectonic origin and evolution of a transverse drainage: the R'ó Almanzora, Betic Cordillera, Southeast Spain [J]. *Geomorphology*, 2003, 50(1-3): 59-81.
- [25] 曹伯勋. 地貌学及第四纪地质学[M]. 北京: 中国地质大学出版社, 1995. Cao boxun. *Geomorphology and quaternary geology* [M]. Beijing: China University of Geosciences Press, 1995.
- [26] Molnar P, England P. Late Cenozoic uplift of mountain ranges and global climate change: Chicken or egg? [J]. *Nature*, 1990, 634 (6279): 29-34.
- [27] Montgomery D R. Valley incision and the uplift of mountain peaks [J]. *Journal of Geophysical Research*, 1994, 99(13): 913-921.
- [28] Simpson G D H. Role of river incision in enhancing deformation [J]. *Geology*, 2004c, 32(4): 341-344.
- [29] Montgomery D R, Stolar D B. Reconsidering Himalayan river anticlines [J]. *Geomorphology*, 2006, 82(1-2): 4-15.
- [30] Koons P O. The topographic evolution of collisional mountain belts: A numerical look at the Southern Alps, New Zealand [J]. *American Journal of Science*, 1989, 289(9): 1041-1069.
- [31] Koons P O. Big mountains big rivers and hot rocks: Beyond isostasy [J]. *Eos Trans AGU*, 1998, 79(45): F908.
- [32] 程绍平, 杨桂枝. 国外新构造研究进展述评 [J]. 地震地质, 2008, 30 (1): 31-43. Cheng Shaoping, Yang Guizhi. *Seismology and geology*. 2008, 30 (1): 31-43.
- [33] Whitchurch A L, A. Carter, Allen P A, Sinclair H D. Sediment routing system evolution within a diachronously uplifting orogen: Insights from detrital zircon thermo chronological analyses from the south-central Pyrenees [J]. *American Journal of Science*, 2011, 311(5): 442-482.

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· 科学共同体介绍 ·

中国动物学会

中国动物学会于1934年6月由秉志等30人签名发起, 1934年8月23日在江西庐山莲谷青年会宣告成立, 选举秉志为会长。其后胡经甫、辛树帜、陈桢、王家楫等历任会长。

中国动物学会是中国动物科学工作者自愿结成依法在国家民政部登记的全国性、公益性、学术性组织法人社会团体, 是中国科协的组成部分, 是党和政府联系动物学科技工作者的桥梁和纽带, 是国家发展动物科学事业的重

要社会力量。

中国动物学会现有注册会员17530余人, 下属14个专业学科分会, 设立8个工作组和学会日常办事机构秘书处, 联系着30个省、自治区、直辖市地方学会。

中国动物学会1935年创办《中国动物学杂志》, 即今《动物学报》前身。嗣后陆续创办《生物学通报》、《动物学杂志》、《动物分类学报》、《兽类学报》、《蛛形学报》、《医学昆虫与寄

生虫学报》等学术刊物。学会曾成功举办第23届世界鸟类学大会、第19届国际灵长类大会、第4次亚洲和太平洋地区比较内分泌学术研讨会、第19届国际动物学大会及第12届国际原生动物学大会等。

2009年11月9日, 中国动物学会在重庆召开第16届理事会, 选举陈宜瑜任第16届理事会理事长, 魏辅文任秘书长。

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