

Efficacité énergétique des transports

Vocabulaire, généralités

- Metabolic cost of transport
- [W Cost of transport](#)
- [W Efficacité énergétique dans les transports](#)
- [W Energy efficiency in transport](#)
- [W Animal locomotion](#)
- Exercise Physiology
- Energy
- Human Performance
- nutritional efficiency

Références

Humain :

- [The mechanics and energetics of human walking and running: a joint level perspective](#) Dominic James Farris and Gregory S. Sawickij R Soc Interface. 2012 Jan 7; 9(66): 110–118. DOI: 10.1098/rsif.2011.0182
- [Physiological Differences Between Cycling and Running](#) Gregoire P Millet, Veronica E Vleck, David Bentley, Sports Medicine March 2009, Volume 39, Issue 3, pp 179–206 DOI: 10.2165/00007256-200939030-00002 + lien [RG](#)
- [The energetic cost of locomotion: humans and primates compared to generalized endotherms](#) Steudel-Numbers KL, J Hum Evol. 2003 Feb;44(2):255-62 DOI: 10.1016/S0047-2484(02)00209-9
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Animaux :

- [Energy efficiency and allometry of movement of swimming and flying animals](#) Rahul Bale, Max Hao, Amneet Pal Singh Bhalla, and Neelesh A. Patankar, PNAS May 27, 2014 111 (21) 7517-7521; DOI: 10.1073/pnas.1310544111
- [A different angle: comparative analyses of whole-animal transport costs when running uphill](#) Lewis G. Halsey¹ and Craig R. White, Journal of Experimental Biology (2017) 220, 161-166 DOI: 10.1242/jeb.14292
- [Efficiency and Economy in Animal Physiology](#) by Robert W. Blake, Cambridge University Press, 1992 ISBN: 9780511565588 DOI: 10.1017/CBO9780511565588
- [Animal Locomotion](#) Editors: Taylor, Graham, Triantafyllou, Michael S., Tropea, Cameron, Springer 2010 ISBN: 978-3-642-11633-9
- [Phylogenetic comparisons of pedestrian locomotion costs: confirmations and new insights](#) Craig R. White, Lesley A. Alton, Taryn S. Crispin, and Lewis G. Halsey Ecol Evol. 2016 Sep; 6(18): 6712–6720. DOI: 10.1002/ece3.2267
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À trier :

- <https://skeptics.stackexchange.com/questions/27411/does-a-human-on-a-bicycle-travel-more-efficiently-than-any-other-species>

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