

Most cited and downloaded articles from 2013



2013 was an extremely successful year for *Proceedings B* and we are pleased to present a list of the most downloaded and most cited articles published in 2013.

These articles, which represent just a selection of the high-quality, peer-reviewed content published in the journal, are FREELY available.

Most cited articles from 2013
Most downloaded articles from 2013

Most cited articles from 2013 (data from Web of Science)

[How does climate change cause extinction](#)

Abigail E. Cahill, Matthew E. Aiello-Lammens, M. Caitlin Fisher-Reid, Xia Hua, Caitlin J. Karanewsky, Hae Yeong Ryu, Gena C. Sbeglia, Fabrizio Spagnolo, John B. Waldron, Omar Warsi and John J. Wiens

[Nectar bacteria, but not yeast, weaken a plant–pollinator mutualism](#)

Rachel L. Vannette, Marie-Pierre L. Gauthier and Tadashi Fukami

[A comparison of bats and rodents as reservoirs of zoonotic viruses: are bats special?](#)

Angela D. Luis, David T. S. Hayman, Thomas J. O'Shea, Paul M. Cryan, Amy T. Gilbert, Juliet R. C. Pulliam, James N. Mills, Mary E. Timonin, Craig K. R. Willis, Andrew A. Cunningham, Anthony R. Fooks, Charles E. Rupprecht, James L. N. Wood and Colleen T. Webb

[The evolutionary origins of modularity](#)

Jeff Clune, Jean-Baptiste Mouret and Hod Lipson

[Urinary oxytocin and social bonding in related and unrelated wild chimpanzees](#)

C. Crockford, R. M. Wittig, K. Langergraber, T. E. Ziegler, K. Zuberbühler and T. Deschner

[Coral reef calcifiers buffer their response to ocean acidification using both bicarbonate and carbonate](#)

S. Comeau, R. C. Carpenter and P. J. Edmunds

[The complex history of the olive tree: from Late Quaternary diversification of Mediterranean lineages to primary domestication in the northern Levant](#)

G. Besnard, B. Khadari, M. Navascués, M. Fernández-Mazuecos, A. El Bakkali, N. Arrigo, D. Baali-Cherif, V. Brunini-Bronzini de Caraffa, S. Santoni, P. Vargas and V. Savolainen

[Extreme climatic event drives range contraction of a habitat-forming species](#)

Dan A. Smale and Thomas Wernberg

[Quantifying temporal change in biodiversity: challenges and opportunities](#)

Maria Dornelas, Anne E. Magurran, Stephen T. Buckland, Anne Chao, Robin L. Chazdon, Robert K. Colwell, Tom Curtis, Kevin J. Gaston, Nicholas J. Gotelli, Matthew A. Kosnik, Brian McGill, Jenny L. McCune, Hélène Morlon, Peter J. Mumby, Lise Øvreås, Angelika Studeny and Mark Vellend

[Between cheap and costly signals: the evolution of partially honest communication](#)

Kevin J. S. Zollman, Carl T. Bergstrom and Simon M. Huttegger

Most downloaded articles from 2013

[Can a collapse of global civilization be avoided?](#)

Paul R. Ehrlich and Anne H. Ehrlich

[Himalayan fossils of the oldest known pantherine establish ancient origin of big cats](#)

Z. Jack Tseng, Xiaoming Wang, Graham J. Slater, Gary T. Takeuchi, Qiang Li, Juan Liu and Guangpu Xie

[Vocal copying of individually distinctive signature whistles in bottlenose dolphins](#)

Stephanie L. King, Laela S. Sayigh, Randall S. Wells, Wendi Fellner and Vincent M. Janik

[How ticks get under your skin: insertion mechanics of the feeding apparatus of *Ixodes ricinus* ticks](#)

Dania Richter, Franz-Rainer Matuschka, Andrew Spielman and L. Mahadevan

[Anthropogenic environments exert variable selection on cranial capacity in mammals](#)

Emilie C. Snell-Rood and Naomi Wick

[New insights into differences in brain organization between Neanderthals and anatomically modern humans](#)

Eiluned Pearce, Chris Stringer and R. I. M. Dunbar