



2009 was an extremely successful year for *Philosophical Transactions B* and, below, we are pleased to present a list of the most downloaded and most cited articles from 2009.

These articles, which represent just a selection of the high-quality, peer-reviewed content published in the journal, will be FREELY available online throughout 2010.

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#### Top 10 downloaded articles from 2009

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Allan Snyder

[Predictions: a universal principle in the operation of the human brain](#)  
Moshe Bar

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Mark Ragan, James McInerney and James Lake

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Darren Obbard, Karl H Gordon, Amy Buck and Francis M Jiggins

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Richard C Thompson, Shanna Swan, Charles J Moore and Frederick S vom Saal

[Group decisions in humans and animals: a survey](#)  
Larissa Conradt and Christian List

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Christian List, Christian Elsholtz and Thomas D Seeley

#### Top 10 cited articles from 2009

[The evolution of RNAi as a defence against viruses and transposable elements](#)  
Darren Obbard, Karl HJ Gordon, Amy H Buck and Francis M Jiggins

[Defining disruptive coloration and distinguishing its functions](#)  
Martin Stevens and Sami Merilaita

[A critical analysis of the biological impacts of plasticizers on wildlife](#)

Jörg Oehlmann, Ulrike Schulte-Oehlmann, Werner Kloas, Oana Jagnytsch, Ilka Lutz, Kresten O Kusk, Leah Wollenberger, Eduarda M Santos, Gregory C Paull, Katrien JW Van Look and Charles R Tyler

[Plastics, the environment and human health: current consensus and future trends](#)

Richard C Thompson, Charles J Moore, Frederick S vom Saal and Shanna H Swan

[Leadership, consensus decision making and collective behaviour in humans](#)

John Dyer, Anders Johansson, Dirk Helbing, Iain D Couzin and Jens Krause

[Animal camouflage: current issues and new perspectives](#)

Martin Stevens and Sami Merilaita

[Accumulation and fragmentation of plastic debris in global environments](#)

David KA Barnes, Francois Galgani, Richard C Thompson and Morton Barlaz

[Group decisions in humans and animals: a survey](#)

Larissa Conradt and Christian List

[Monitoring the abundance of plastic debris in the marine environment](#)

Peter G Ryan, Charles J Moore, Jan A van Franeker and Coleen L Moloney

[Experimental evaluation of evolution and coevolution as agents of ecosystem change in Trinidadian streams](#)

Eric P Palkovacs, Michael C Marshall, Brad A Lamphere, Benjamin R Lynch, Dylan J Weesell, Douglas F Fraser, David N Reznick, Catherine M Pringle and Michael T Kinnison

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