

## Top 10 downloaded and cited articles from 2009



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

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### Top 10 downloaded articles from 2009

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T. N. Palmer

[Dating fired-clay ceramics using long-term power law rehydroxylation kinetics](#)

Moira A. Wilson, Margaret A. Carter, Christopher Hall, William D. Hoff, Ceren Ince, Shaun D. Savage, Bernard Mckay and Ian M. Betts

[Structural models of bioactive glasses from molecular dynamics simulations](#)

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[Biotemplated syntheses of anisotropic nanoparticles](#)

Simon Hall

[Non-traditional ligands in f-block chemistry](#)

Stephen T. Liddle

[The physical character of information](#)

Mahesh Karnani, Kimmo Paakkonen, and Arto Annala

[The first-digit frequencies of prime numbers and Riemann zeta zeros](#)

Bartolo Luque and Lucas Lacasa

[A new phase-field model for strongly anisotropic systems](#)

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[Aromatic adsorption on metals via first-principles density functional theory](#)

S. J. Jenkins

### Top 10 cited articles from 2009

[Structural models of bioactive glasses from molecular dynamics simulations](#)

Antonio Tilocca

[Monogamy of non-local quantum correlations](#)

Ben Toner

[On the surface plasmon polariton wave at the planar interface of a metal and a chiral sculptured thin film](#)

J.A. Polo and A. Lakhtakia

[Non-traditional ligands in f-block chemistry](#)

Stephen T. Liddle

[On a class of non-dissipative materials that are not hyperelastic](#)

K.R Rajagopal and A.R Srinivasa

[A continuum description of nonlinear elasticity, slip and twinning, with application to sapphire](#)

J.D Clayton

[Campbell diagrams of weakly anisotropic flexible rotors](#)

O. N. Kirillov

[A radial basis function method for the shallow water equations on a sphere](#)

Natasha Flyer and Grady B. Wright

[Overcoming the order barrier in the numerical approximation of stochastic partial differential equations with additive space-time noise](#)

Arnulf Jentzen and Peter E Kloeden

[Theory of quantum arrival and spatial wave function collapse on the appearance of particle](#)

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