Review articles

Bone tissue engineering therapeutics: controlled drug delivery in three-dimensional scaffolds
V. Mourino & A. R. Boccaccini

A review of tissue-engineered skin bioconstructs available for skin reconstruction
R. V. Shevchenko, S. L. James & S. E. James

Research articles

Rate-dependent frictional adhesion in natural and synthetic gecko setae

Plug-and-play inference for disease dynamics: measles in large and small populations as a case study
D. Hu, E. L. Borden & A. A. King

Atomic force microscopy of the morphology and mechanical behaviour of barnacle cyprid footprint proteins at the nanoscale
I. Y. Phang, N. Aldred, X. Y. Ling, J. Huken, A. S. Clare & G. J. Vancso

The ideal reporting interval for an epidemic to objectively interpret the epidemiological time course
H. Nishiura, G. Chowell, H. Heesterbeek & J. Wallinga

The interaction of seasonal forcing and immunity and the resonance dynamics of malaria
D. Z. Childs & M. Boots

On spatially explicit models of cholera epidemics
E. Bertuzzo, R. Casagrandi, M. Guzzo, I. Rodriguez-Iturbe & A. Rinaldo

Prospective virtual screening with Ultrafast Shape Recognition: the identification of novel inhibitors of arylamine N-acetyltransferases
P. J. Ballester, J. Westwood, N. Laurieri, E. Sim & W. G. Richards

The management of fluid and wave resistances by whirligig beetles
J. Voise & J. Casas