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Fibrin gels and their clinical and bioengineering applications
P. A. Janmey, J. P. Winer & J. W. Weisel

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Tuberculosis reinfection rate as a proportion of total infection rate correlates with the logarithm of the incidence rate: a mathematical model
P. W. Uys, P. D. van Helden & J. W. Hargrove

Light alters nociceptive effects of magnetic field shielding in mice: intensity and wavelength considerations
J. S. Pratt, D. Despardino-Holmes, L. D. Kerestise, J. C. McKay, J. A. Robertson & A. W. Thomas

Dynamic mechanical oscillations during metamorphosis of the monarch butterfly
A. E. Pelling, P. R. Wilkinson, R. Stringer & J. K. Gimzewski

Modelling the time-dependent transmission rate for porcine circovirus type 2 (PCV2) in pigs using data from serial transmission experiments
M. Andraud, B. Grassland, B. Durand, R. Cariolet, A. Jestin, F. Madec, J. S. Pierre & N. Rose

Control of translation initiation: a model-based analysis from limited experimental data
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Systematic construction and prediction of the arrangement of the strands of sandwich proteins
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Odour character differences for enantiomers correlate with molecular flexibility
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Does a ‘turbophoretic’ effect account for layer concentrations of insects migrating in the stable night-time atmosphere?
A. M. Reynolds, D. R. Reynolds & J. R. Riley

The influence of mesoscale porosity on cortical bone anisotropy. Investigations via asymptotic homogenization
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Anomalous diffusion of heterogeneous populations characterized by normal diffusion at the individual level
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Reports
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B. Trost, D. Kanduc & A. Kusalik