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A comparative analysis of synthetic genetic oscillators
O. Purcell, N. J. Savery, C. S. Grierson & M. di Bernardo

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Cellular automata and integrodifferential equation models for cell renewal in mosaic tissues
J. M. Bloomfield, J. A. Sherratt, K. J. Painter & C. Landini

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M. van Boon, M. Knoblich, J. Wallinga, P. D. O’Neill, O. Wichmann & S. Hahné

Coordination of multiple appendages in drag-based swimming
S. Alben, K. Spears, S. Garth, D. Murphy & J. Yen

Health in financial crises: economic recession and tuberculosis in Central and Eastern Europe
N. Arinaminpathy & C. Dye

Slippery pores: anti-adhesive effect of nanoporous substrates on the beetle attachment system
E. V. Gorb, N. Hossida, C. Miksch & S. N. Gorb

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Unsteady motion: escape jumps in planktonic copepods, their kinematics and energetics
T. Kibnow, A. Andersen, V. J. Langlois & H. H. Jacobsen

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Differential effects of magnetic pulses on the orientation of naturally migrating birds
R. A. Hoffland

Spatial dynamics of bar-headed geese migration in the context of H5N1

Reports
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B. Patel, F. Inam, M. Reece, M. Edirisinghe, W. Bonfield, J. Huang & A. Angadi