Review articles
Medical ultrasound: imaging of soft tissue strain and elasticity
P. N. T. Wells & H.-D. Liang
Multi-scale computational models of familial hypertrophic cardiomyopathy: genotype to phenotype
S. G. Campbell & A. D. McCulloch

Research articles
The effect of individual variation on the structure and function of interaction networks in harvester ants
N. Pinter-Wollman, R. Wollman, A. Guetz, S. Holmes & D. M. Gordon
Effect of skin hydration on the dynamics of fingertip gripping contact
T. André, V. Lévesque, V. Hayward, P. Lefèvre & J.-L. Thonnard
Influence of birth rates and transmission rates on the global seasonality of rotavirus incidence
Effect of reverse flow on the pattern of wall shear stress near arterial branches
A. Kazakid, A. M. Plato, S. J. Sherwin & P. D. Weinberg
Evolution of social learning when high expected payoffs are associated with high risk of failure
M. Arbilly, U. Motro, M. W. Feldman & A. Lotem
Exploring the possibility of early cataract diagnostics based on tryptophan fluorescence
D. M. Gakamsky, B. Dhillon, J. Babraj, M. Shelton & S. D. Smith
Novel use of biodegradable casein conduits for guided peripheral nerve regeneration
S.-W. Huang, C.-C. Tai, F.-J. Tsai, T.-Y. Ho, C.-H. Yao & Y.-S. Chen
Intracellular pH distribution as a cell health indicator in Saccharomyces cerevisiae
T. Aabo, J. Glückstad, H. Siegumfeldt & N. Arneborg
Quantifying selection and diversity in viruses by entropy methods, with application to the haemagglutinin of H3N2 influenza
K. Pan & M. W. Deem
Alternative mechanisms of increased eggshell hardness of avian brood parasites relative to host species
Ambush frequency should increase over time during optimal predator search for prey
S. Alpern, R. Fokkink, M. Timmer & J. Casas