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Gulli J. G. * Ratcliff W. C.

[*Rapid Evolution of Altruistic Cooperation Among Multicellular Proto-Organisms*](#) [#3417]

Selection on a nascent multicellular organism resulted in the rapid evolution of cooperation, which led to an increase in survival.

Kolb V. M.

[*Prebiotic Reactions in Water, "On Water", and in Supercritical Water*](#) [#3028]

In this paper we examine prebiotic reactions in water, "on water," and in supercritical water.

Moore K. R. Bosak T. Macdonald F. A. Lahr D. J. G. Newman S. A. Settens C. Pruss S. B.

[*Preservation of Microfossils in Carbonate Deposits from the Cryogenian Non-Glacial Interlude*](#) [#3501]

Microfossils from carbonate deposits reveal preservation of benthic and planktonic organisms in different depositional settings after the Sturtian glaciation.

Yadav A. Leys N. Cuypers A. Misztak A. Waleron M. Waleron K. Janssen P. J.

[*Mechanism of Radiation Resistance in Arthrospira sp. PCC 8005*](#) [#3340]

Study of genetic and biochemical pathways involved in radiation resistance of cyanobacteria Arthrospira sp. PCC 8005 being used in MELiSSA life support system.