

PRINT ONLY: EXOBIOLOGY

Bassez M. P.

[*Geobiotropy*](#) [#1853]

The concept of geobiotropy is developed using thermodynamics and oxydo-reduction equations, for ferromagnesian, ferrosulfide, and radioactive rocks.

Ertem G. Cooper G.

[*Shielding of Organic Compounds from Radiation Effects by Mars Analogue Minerals*](#) [#2123]

Survivability of biomolecules, which may have played a role in origin of life, in the presence and absence of martian analog minerals against irradiation.

Nikitczuk M. P. C. Schmidt M. E. Flemming R. L.

[*Potential for Microbial Traces in Near-Surface Basaltic Glass on Mars*](#) [#1585]

Hydrovolcanic basalts, which on Earth can contain preserved microbial traces, may represent suitable targets for future Mars rover/sample-return missions.