

(Abstracted/Indexed in: AGI's Bibliography and Index of Geology; Biological Abstracts; Biosis; Bulletin Signalétique; Chemical Abstracts/CAS; Current Contents/Agriculture, Biology & Environmental Sciences; Elsevier BIOBASE/Current Awareness in Biological Sciences; Environmental Periodicals Bibliography; Embiology; GEOBASE; Irrigation, Drainage Abstracts; PASCAL; Science Citation Index; SciSearch; Soils and Fertilizers). Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.

Why was iron lost without significant isotope fractionation during the lateritic process in tropical environments? M. Li, Y.-S. He, J.-T. Kang, X.-Y. Yang, Z.-W. He, H.-M. Yu and F. Huang	1
Soil response to perennial herbaceous biofeedstocks under rainfed conditions in the northern Great Plains, USA M.A. Liebig, G.-J. Wang, E. Aberle, E. Eriksmoen, P.E. Nyren, J.A. Staricka and K. Nichols	10
Evolution of iron minerals in a 100 years-old Technosol. Consequences on Zn mobility S. Coussy, S. Grangeon, P. Bataillard, H. Khodja, N. Maubec, P. Faure, C. Schwartz and R. Dagois	19
Assessing soil properties governing radiosamarium sorption in soils: Can trivalent lanthanides and actinides be considered as analogues? O. Ramírez-Guinart, A. Salaberria, M. Vidal and A. Rigol	33
Variation in soil properties under different land use types managed by smallholder farmers along the toposequence in southern Ethiopia T. Negasa, H. Ketema, A. Legesse, M. Sisay and H. Temesgen	40
Comparing the use of training data derived from legacy soil pits and soil survey polygons for mapping soil classes B. Heung, M. Hodúl and M.G. Schmidt	51
Changes in the soil microbial phospholipid fatty acid profile with depth in three soil types of paddy fields in China X. Li, J. Sun, H. Wang, X. Li, J. Wang and H. Zhang	69
Sampling scheme optimization to map soil depth to petrocalcic horizon at field scale M.B. Domenech, M. Castro-Franco, J.L. Costa and N.M. Amioti	75
Response of water extractable organic matter and its fluorescence fractions to organic farming and tree species in poplar and robinia-based alley cropping agroforestry systems H.Y. Sun, P. Koal, G. Gerl, R. Schroll, R.G. Joergensen and J.C. Munch	83
Digital soil mapping of soil carbon at the farm scale: A spatial downscaling approach in consideration of measured and uncertain data B.P. Malone, Q. Styc, B. Minasny and A.B. McBratney	91
Variability of particle size distributions of upward/downward splashed materials in different rainfall intensities and slopes S.H. Sadeghi, M. Kiani Harchegani and H. Asadi	100
Spatial variability of potassium in agricultural soils of the canton of Fribourg, Switzerland G. Blanchet, Z. Libohova, S. Joost, N. Rossier, A. Schneider, B. Jeangros and S. Sinaj	107