

Papers resulting from EBI studentships published with the student and their supervisor(s)

Title: **In-situ grown silica sinters in Icelandic geothermal areas**

Author(s): Tobler, Dominique J.; Stefansson, Andri; Benning, Liane G.

Source: GEOBIOLOGY Volume: **6** Issue: **5** Pages: **481-502** DOI: **10.1111/j.1472-4669.2008.00179.x**

Published: **DEC 2008**

Times Cited: **9** (from All Databases)

Title: **Quantification of initial steps of nucleation and growth of silica nanoparticles: An in-situ SAXS and DLS study**

Author(s): Tobler, Dominique J.; Shaw, Sam; Benning, Liane G.

Source: GEOCHIMICA ET COSMOCHIMICA ACTA Volume: **73** Issue: **18** Pages: **5377-5393** DOI:

**10.1016/j.gca.2009.06.002** Published: **SEP 15 2009**

Times Cited: **13** (from All Databases)

Title: **Cryophile Biosignature Preservation in Arctic Glacial Ice 'Survival of the Fittest' and What Does this Mean for Planetary Exploration?**

Author(s): Benning, L. G.; Villar, S. J.; Eigenbrode, J. L.; et al.

Group Author(s): AMASE

Source: ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES Volume: **40** Issue: **6** Special Issue: **SI**

Pages: **534-534** Published: **DEC 2010**

Times Cited: **0** (from All Databases)

Title: **Bacterial diversity in five Icelandic geothermal waters: temperature and sinter growth rate effects**

Author(s): Tobler, Dominique J.; Benning, Liane G.

Source: EXTREMOPHILES Volume: **15** Issue: **4** Pages: **473-485** DOI: **10.1007/s00792-011-0378-z**

Published: **JUL 2011**

Times Cited: **2** (from All Databases)

Title: **The high value of logged tropical forests: lessons from northern Borneo**

Author(s): Berry, Nicholas J.; Phillips, Oliver L.; Lewis, Simon L.; et al.

Source: BIODIVERSITY AND CONSERVATION Volume: **19** Issue: **4** Special Issue: **SI** Pages: **985-997**

DOI: **10.1007/s10531-010-9779-z** Published: **APR 2010**

Times Cited: **41** (from All Databases)

Title: **Impacts of selective logging on tree diversity across a rainforest landscape: the importance of spatial scale**

Author(s): Berry, Nicholas J.; Phillips, Oliver L.; Ong, Robert C.; et al.

Source: LANDSCAPE ECOLOGY Volume: **23** Issue: **8** Pages: **915-929** DOI: **10.1007/s10980-008-9248-1**

Published: **OCT 2008**

Times Cited: **14** (from All Databases)

Title: **Response of the Nile and its catchment to millennial-scale climatic change since the LGM from Sr isotopes and major elements of East Mediterranean sediments**

Author(s): Box, M. R.; Krom, M. D.; Cliff, R. A.; et al.

Source: QUATERNARY SCIENCE REVIEWS Volume: **30** Issue: **3-4** Pages: **431-442** DOI:

**10.1016/j.quascirev.2010.12.005** Published: **FEB 2011**

Times Cited: **3** (from All Databases)

Title: **Trait-dependent declines of species following conversion of rain forest to oil palm plantations**

Author(s): Senior, Michael J. M.; Hamer, Keith C.; Bottrell, Simon; et al.

Source: BIODIVERSITY AND CONSERVATION Volume: **22** Issue: **1** Pages: **253-268** DOI: **10.1007/s10531-**

**012-0419-7** Published: **JAN 2013**

Times Cited: **0** (from All Databases)

Title: **Assessing trophic position from nitrogen isotope ratios: effective calibration against spatially varying baselines**

Author(s): Woodcock, Paul; Edwards, David P.; Newton, Rob J.; et al.

Source: NATURWISSENSCHAFTEN Volume: **99** Issue: **4** Pages: **275-283** DOI: **10.1007/s00114-012-0896-**

**2** Published: **APR 2012**

Times Cited: **1** (from All Databases)

Title: **The conservation value of South East Asia's highly degraded forests: evidence from leaf-litter ants**

Author(s): Woodcock, Paul; Edwards, David P.; Fayle, Tom M.; et al.

Source: PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES Volume: **366** Issue: **1582** Pages: **3256-3264** DOI: **10.1098/rstb.2011.0031** Published: **NOV 27 2011**

Times Cited: **13** (from All Databases)

Title: **Can the failure to punish promote cheating in mutualism?**

Author(s): Edwards, David P.; Ansell, Felicity A.; Woodcock, Paul; et al.

Source: OIKOS Volume: **119** Issue: **1** Pages: **45-52** DOI: **10.1111/j.1600-0706.2009.17591.x** Published: **JAN 2010**

Times Cited: **8** (from All Databases)

Title: **Enhanced seasonality of precipitation in the Mediterranean during the early part of the Last Interglacial**

Author(s): Milner, Alice M.; Collier, Richard E. L.; Roucoux, Katherine H.; et al.

Source: GEOLOGY Volume: **40** Issue: **10** Pages: **919-922** DOI: **10.1130/G33204.1** Published: **OCT 2012**

Times Cited: **0** (from All Databases)

Milner, A.M., Müller, U.C., Roucoux, K.H., Collier, R.E.L., Pross, J., Kalaitzidis, S., Christanis, K., and Tzedakis, P.C. (2013). Environmental variability during the Last Interglacial: a new high-resolution pollen record from Tenaghi Philippon, Greece. *Journal of Quaternary Science*, 28 (2): 113-117.

Title: **Variation in soil carbon stocks and their determinants across a precipitation gradient in West Africa**

Author(s): Saiz, Gustavo; Bird, Michael I.; Domingues, Tomas; et al.

Source: GLOBAL CHANGE BIOLOGY Volume: **18** Issue: **5** Pages: **1670-1683** DOI: **10.1111/j.1365-2486.2012.02657.x** Published: **MAY 2012**

Times Cited: **3** (from All Databases)

Title: **Height-diameter allometry of tropical forest trees**

Author(s): Feldpausch, T. R.; Banin, L.; Phillips, O. L.; et al.

Source: BIOGEOSCIENCES Volume: **8** Issue: **5** Pages: **1081-1106** DOI: **10.5194/bg-8-1081-2011** Published: **2011**

Times Cited: **9** (from All Databases)

Title: **Co-limitation of photosynthetic capacity by nitrogen and phosphorus in West Africa woodlands**

Author(s): Domingues, Tomas Ferreira; Meir, Patrick; Feldpausch, Ted R.; et al.

Source: PLANT CELL AND ENVIRONMENT Volume: **33** Issue: **6** Pages: **959-980** DOI: **10.1111/j.1365-3040.2010.02119.x** Published: **JUN 2010**

Times Cited: **11** (from All Databases)

Title: **Scaling up from gardens: biodiversity conservation in urban environments**

Author(s): Goddard, Mark A.; Dougill, Andrew J.; Benton, Tim G.

Source: TRENDS IN ECOLOGY & EVOLUTION Volume: **25** Issue: **2** Pages: **90-98** DOI: **10.1016/j.tree.2009.07.016** Published: **FEB 2010**

Times Cited: **43** (from All Databases)

Title: **Why garden for wildlife? Social and ecological drivers, motivations and barriers for biodiversity management in residential landscapes.**

Author(s): Goddard, Mark A.; Dougill, Andrew J.; Benton, Tim G.

Source: TRENDS IN ECOLOGY & EVOLUTION Volume: 86 Pages: 258-273

<http://dx.doi.org/10.1016/j.ecolecon.2012.07.016> Published: **2013**

Title: **Drought-induced shifts in the floristic and functional composition of tropical forests in Ghana**

Author(s): Fauset, Sophie; Baker, Timothy R.; Lewis, Simon L.; et al.

Source: ECOLOGY LETTERS Volume: **15** Issue: **10** Pages: **1120-1129** DOI: **10.1111/j.1461-0248.2012.01834.x** Published: **OCT 2012**

Times Cited: **0** (from All Databases)

Title: **Predicting alpha diversity of African rain forests: models based on climate and satellite-derived data do not perform better than a purely spatial model**

Author(s): Parmentier, Ingrid; Harrigan, Ryan J.; Buermann, Wolfgang; et al.

Source: JOURNAL OF BIOGEOGRAPHY Volume: **38** Issue: **6** Pages: **1164-1176** DOI: **10.1111/j.1365-2699.2010.02467.x** Published: **JUN 2011**

Times Cited: **3** (from All Databases)

Selected conference presentations and prizes:

Title: **Nucleation and growth of silica nanoparticles: An in situ SAXS and DLS study**

Author(s): Tobler, D. J.; Benning, L. G.; Shaw, S.

Conference: **16th Annual V M Goldschmidt Conference** Location: **Melbourne, AUSTRALIA** Date: **AUG-SEP -, 2006**

Source: GEOCHIMICA ET COSMOCHIMICA ACTA Volume: **70** Issue: **18** Supplement: **S** Pages: **A652-A652** DOI: **10.1016/j.gca.2006.06.1216** Published: **AUG-SEP 2006**

Times Cited: **0** (from All Databases)

Title: **How to cool a supersaturated solution and 'watch' in real-time the nucleation and growth of silica nanoparticles?**

Author(s): Tobler, D. J.; Benning, L. G.; Shaw, S.

Conference: **17th Annual V M Goldschmidt Conference** Location: **Cologne, GERMANY** Date: **AUG, 2007**

Source: GEOCHIMICA ET COSMOCHIMICA ACTA Volume: **71** Issue: **15** Supplement: **S** Pages: **A1024-A1024** Published: **AUG 2007**

Times Cited: **0** (from All Databases)

Title: **Controlled biomineralization of magnetite (Fe<sub>3</sub>O<sub>4</sub>) by Magnetospirillum gryphiswaldense**

Author(s): Moiescu, C.; Bonneville, S.; Tobler, D.; et al.

Conference: **8th International Symposium on the Geochemistry of the Earths Surface (GES-8)** Location: **London, ENGLAND** Date: **AUG 18-22, 2008**

Sponsor(s): **Mineral Soc Great Britain & Ireland; Int Assoc Geochem & Cosmochem Working Grp Geochem Earths Surface; Nat Hist Museum**

Source: MINERALOGICAL MAGAZINE Volume: **72** Issue: **1** Pages: **333-336** DOI: **10.1180/minmag.2008.072.1.333** Published: **FEB 2008**

Times Cited: **8** (from All Databases)

Title: **The size and polydispersity of silica nanoparticles under simulated hot spring conditions**

Author(s): Tobler, D. J.; Benning, L. G.; Knapp, J.

Conference: **8th International Symposium on the Geochemistry of the Earths Surface (GES-8)** Location: **London, ENGLAND** Date: **AUG 18-22, 2008**

Sponsor(s): **Mineral Soc Great Britain & Ireland; Int Assoc Geochem & Cosmochem Working Grp Geochem Earths Surface; Nat Hist Museum**

Source: MINERALOGICAL MAGAZINE Volume: **72** Issue: **1** Pages: **287-290** DOI: **10.1180/minmag.2008.072.1.287** Published: **FEB 2008**

Times Cited: **0** (from All Databases)

Title: **The metagenomics of biosilicification: causes and effects**

Author(s): Benning, L. G.; Tobler, D. J.

Conference: **8th International Symposium on the Geochemistry of the Earths Surface (GES-8)** Location: **London, ENGLAND** Date: **AUG 18-22, 2008**

Sponsor(s): **Mineral Soc Great Britain & Ireland; Int Assoc Geochem & Cosmochem Working Grp Geochem Earths Surface; Nat Hist Museum**

Source: MINERALOGICAL MAGAZINE Volume: **72** Issue: **1** Pages: **221-225** DOI: **10.1180/minmag.2008.072.1.221** Published: **FEB 2008**

Times Cited: **1** (from All Databases)

Title: **Kinetics and mechanisms of silica nanoparticle formation**

Author(s): Tobler, D. J.; Benning, L. G.; Shaw, S.

Conference: **8th Annual V M Goldschmidt Conference** Location: **Vancouver, CANADA** Date: **JUL, 2008**

Source: GEOCHIMICA ET COSMOCHIMICA ACTA Volume: **72** Issue: **12** Supplement: **1** Pages: **A949-A949** Published: **JUL 2008**

Times Cited: **2** (from All Databases)

Title: **Signatures of Life in Ice (SLIce): An analog study for in situ detection of biosignatures elsewhere**

Author(s): Tobler, D. J.; Benning, L. G.; Fogel, M. L.; et al.

Group Author(s): 2008 AMASE Team

Conference: **19th Annual VM Goldschmidt Conference** Location: **Davos, SWITZERLAND** Date: **JUN 21, 2009**

Source: GEOCHIMICA ET COSMOCHIMICA ACTA Volume: **73** Issue: **13** Pages: **A1333-A1333** Published: **JUN 2009**

Times Cited: **0** (from All Databases)

Title: **Changes in the flux of Saharan dust to the East Mediterranean Sea since the last glacial maximum as observed through Sr-isotope geochemistry**

Author(s): Box, M. R.; Krom, M. D.; Cliff, R.; et al.

Conference: **8th International Symposium on the Geochemistry of the Earths Surface (GES-8)** Location: **London, ENGLAND** Date: **AUG 18-22, 2008**

Sponsor(s): **Mineral Soc Great Britain & Ireland; Int Assoc Geochem & Cosmochem Working Grp Geochem Earths Surface; Nat Hist Museum**

Source: MINERALOGICAL MAGAZINE Volume: **72** Issue: **1** Pages: **307-311** DOI: **10.1180/minmag.2008.072.1.307** Published: **FEB 2008**

Times Cited: **4** (from All Databases)