



Volume 52, July 2013

ISSN 0191-8141

JOURNAL OF STRUCTURAL GEOLOGY





Volume 52, July 2013

JOURNAL OF
STRUCTURAL
GEOLOGY

Contents

R. W. H. BUTLER	1	Photograph of the month
R. W. H. BUTLER	2	Area balancing as a test of models for the deep structure of mountain belts, with specific reference to the Alps
N. BRANTUT, M. J. HEAP, P. G. MEREDITH and P. BAUD	17	Time-dependent cracking and brittle creep in crustal rocks: A review
P. XYPOLIAS, V. CHATZARAS, R. BEANE and S. PAPADOPOLOU	44	Heterogeneous constrictional deformation in a ductile shear zone resulting from the transposition of a lineation-parallel fold
M. FACHRI, J. TVERANGER, A. BRAATHEN and S. SCHUELLER	60	Sensitivity of fluid flow to deformation-band damage zone heterogeneities: A study using fault facies and truncated Gaussian simulation
E. ROCA, E. BEAMUD, M. RUBINAT, R. SOTO and O. FERRER	80	Paleomagnetic and inner diapiric structural constraints on the kinematic evolution of a salt-wall: The Bicorb-Quesa and northern Navarrés salt-wall segments case (Prebetic Zone, SE Iberia)
A. MORA, V. BLANCO, J. NARANJO, N. SANCHEZ, R. A. KETCHAM, J. RUBIANO, D. F. STOCKLI, I. QUINTERO, M. NEMČOK, B. K. HORTON and H. DAVILA	96	On the lag time between internal strain and basement involved thrust induced exhumation: The case of the Colombian Eastern Cordillera
Z. TIAN, W. XIAO, Y. SHAN, B. WINDLEY, C. HAN, J. ZHANG and D. SONG	119	Mega-fold interference patterns in the Beishan orogen (NW China) created by change in plate configuration during Permo-Triassic termination of the Altaids
G. KIMURA, M. HAMAHASHI, S. OKAMOTO, A. YAMAGUCHI, J. KAMEDA, H. RAIMBOURG, Y. HAMADA, H. YAMAGUCHI and T. SHIBATA	136	Hanging wall deformation of a seismogenic megasplay fault in an accretionary prism: The Nobeoka Thrust in southwestern Japan
S. SCHUELLER, A. BRAATHEN, H. FOSSEN and J. TVERANGER	148	Spatial distribution of deformation bands in damage zones of extensional faults in porous sandstones: Statistical analysis of field data
T. ZOUAGHI, M. BÉDIR, A. AYED-KHALED, M. LAZZEZ, M. SOUA, A. AMRI and M. H. INOUBLI	163	Autochthonous versus allochthonous Upper Triassic evaporites in the Sbiba graben, central Tunisia
J. D. KIRKPATRICK and C. D. ROWE	183	Disappearing ink: How pseudotachylytes are lost from the rock record

Indexed/Abstracted in *Curr. Cont.*, ASCA, BIOSIS Data, Cam. Sci. Abstr., Chem. Abstr. Serv., *Curr. Cont./Phy. Chem. & Earth Sci.*, Eng. Ind., Geo. Abstr., Geo. Bib & Indx, JNSPEC Data, PASCAL-CNRS Data, Petrol. Abstr., *Curr. Cont. Sci. Cit. Ind.*, *Curr. Cont. SCISEARCH* Data Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®



See the JOURNAL OF STRUCTURAL GEOLOGY
on the World Wide Web
<http://www.elsevier.com/locate/jsg>