PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE The Pitt Building, Trumpington Street, Cambridge CB2 1RP, United Kingdom

CAMBRIDGE UNIVERSITY PRESS

Journals Fulfillment Department, UPH, Shaftesbury Road,
Cambridge, CB2 8BS, UK, United Kingdom
One Liberty Plaza, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
Ruiz de Alarcón 13, 28014 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

Printed and bound in the UK by Bell & Bain Ltd, Glasgow

Contents

GEOLOGICAL MAGAZINE

ORIGINAL ARTICLE

Chittaranjan Bhattacharyya

Crustal growth event in the Cathaysia Block at 2.5 Ga: evidence from chronology and geochemistry of captured zircons in Jurassic acidic dykes
Shuang- Lian Li, Jian- Qing Lai, Wen- Zhou Xiao,

Shuang-Lian Li, Jian-Qing Lai, Wen-Zhou Xiao, Elena A. Belousova, Tracy Rushmer, Le-Jun Zhang, Quan Ou and Chao-Yun Liu

Active deformation and Plio-Pleistocene fluvial reorganization of the western Kura fold-thrust belt, Georgia: implications for the evolution of the Greater Caucasus Mountains

Lasha Sukhishvili, Adam M. Forte, Giorgi Merebasl

Lasha Sukhishvili, Adam M. Forte, Giorgi Merebashvili, Joel Leonard, Kelin X. Whipple, Zurab Javakhishvili, Arjun Heimsath and Tea Godoladze

Petrogenesis of the post-collisional porphyritic granitoids from Jhalida, Chhotanagpur Gneissic Complex, eastern India Poulami Roy, Bapi Goswami, Sukanya Dutta and

Protracted late Neoproterozic – early Palaeozoic deformation and cooling history of Sør Rondane, East Antarctica, from ⁴⁰Ar/³⁹Ar and U-Pb geochronology

Antonia S Ruppel, Joachim Jacobs, Andreas Läufer, Lothar Ratschbacher, Jörg A Pfänder, Benita- Lisette Sonntag, Katarzyna Krasniqi, Marlina Elburg, Nicole Krohne, Detlef Damaske and Frank Lisker

Duobagou Permian-Triassic granites from the Dunhuang orogenic belt, NW China: implications for the tectonic evolution of the southernmost Central Asian Orogenic Belt Zhendong Wang, Yuanyuan Zhang, Xiangjiang Yu and Zhaojie Guo Influence of differential structural deformation on shale reservoirs: a case study of the lower Silurian Longmaxi Shale in north Guizhou, Southern China Yang Gu, Jianhua He, Sheng Xu, Qianning Tian,

673-684

685-700

701-722

723-748

Yang Gu, Jianhua He, Sheng Xu, Qianni Wei Zhang and Shuai Yin

Geochemistry and zircon ages of the Yushigou diabase in the Longshoushan area, Alxa Block: implications for crust-mantle interaction and tectonic evolution

Ren- Yu Zeng, Jian- Qing Lai, Xian- Cheng Mao, Jie Yan, Chen- Guang Zhang and Wen- Zhou Xiao

Petrogenesis of a rare Ediacaran tonalitetrondhjemite-granodiorite suite, Egypt, and implications for Neoproterozoic Gondwana assembly

Abdel- Fattah M Abdel- Rahman

The Kamusite A₂-type granites in the Karamaili tectonic belt, Xinjiang (NW China): tracing staged postcollisional delamination in the eastern Junggar Bowen Zhang, Chuan Chen, Xiaoping Gong, Yaxiaer Yalikun and Kadeliya Kaheman

In situ rare earth element analysis of a lower
Cambrian phosphate nodule by LA-ICP-MS
749-758
Yun- Tao Ye, Hua- Jian Wang, Xiao- Mei Wang,
Li- Na Zhai, Chao- Dong Wu and Shui- Chang Zhang

656-672

567-582

583-597

598-634

635-655

Cambridge Core

For further information about this journal please go to the journal website at: **cambridge.org/geo**





