

ISSN 1460-2415 (ONLINE)
ISSN 0022-3530 (PRINT)

FU
J80/op

JOURNAL OF PETROLOGY

VOLUME 55 NUMBER 9 SEPTEMBER 2014

www.petrology.oxfordjournals.org



OXFORD  OPEN

OXFORD
UNIVERSITY PRESS

JOURNAL OF PETROLOGY

VOLUME 55 NUMBER 9 SEPTEMBER 2014

- 1685 W.A. BOHRSON, F.J. SPERA, M. S. GHIORSO, G.A. BROWN, J. B. CREAMER AND A. MAYFIELD**
Thermodynamic Model for Energy-Constrained Open-System Evolution of Crustal Magma Bodies Undergoing Simultaneous Recharge, Assimilation and Crystallization: the Magma Chamber Simulator [S]
- 1719 A.V. STEPANOVA, A.V. SAMSONOV, E. B. SALNIKOVA, I. S. PUCHTEL, YU. O. LARIONOVA, A. N. LARIONOV, V. S. STEPANOV, Y. B. SHAPOVALOV AND S.V. EGOROVA**
Palaeoproterozoic Continental MORB-type Tholeiites in the Karelian Craton: Petrology, Geochronology, and Tectonic Setting [S]
- 1753 T. EKICI, C. G. MACPHERSON, N. OTLU AND D. FONTIGNIE**
Foreland Magmatism during the Arabia–Eurasia Collision: Pliocene–Quaternary Activity of the Karacadağ Volcanic Complex, SW Turkey
- 1779 F. FAURE AND L. TISSANDIER**
Contrasted Liquid Lines of Descent Revealed by Olivine-hosted Melt Inclusions and the External Magma
- 1799 M. MATUSIAK-MAŁEK, J. PUZIEWICZ, T. NTAFLS, M. GRÉGOIRE, M. BENOIT AND A. KLÜGEL**
Two Contrasting Lithologies in Off-rift Subcontinental Lithospheric Mantle beneath Central Europe—the Krzeniów (SW Poland) Case Study
- 1829 K.V. SMIT, D. G. PEARSON, T. STACHEL AND M. SELLER**
Peridotites from Attawapiskat, Canada: Mesoproterozoic Reworking of Palaeoarchean Lithospheric Mantle beneath the Northern Superior Superterrane [S]
- 1865 D. WEIDENDORFER, H. B. MATTSSON AND P. ULMER**
Dynamics of Magma Mixing in Partially Crystallized Magma Chambers: Textural and Petrological Constraints from the Basal Complex of the Austurhorn Intrusion (SE Iceland) [S]



[S] Contains supplementary data available at *Journal of Petrology* online.