

TU  
M73/p

# Mineralogy and Petrology

Vol. 107, No. 6, 2013

# Mineralogy and Petrology

Volume 107 · Number 6 · December 2013

## ORIGINAL PAPERS

**Isochemical breakdown of garnet in orogenic garnet peridotite and its implication to reaction kinetics**

M. Obata · K. Ozawa · K. Naemura · A. Miyake 881

**Genesis of melilitolite from Colle Fabbri: inferences from melt inclusions**

L.I. Panina · A.T. Nikolaeva · F. Stoppa 897

**Trace-element study and age dating of zircon from chromitites of the Bushveld Complex (South Africa)**

M. Yudovskaya · J. Kinnaird · A.J. Naldrett · N. Rodionov · A. Antonov · S. Simakin · D. Kuzmin 915

**Mineralogy and distribution of Platinum-Group Minerals (PGM) and other solid inclusions in the Faryab ophiolitic chromitites, Southern Iran**

M.A. Rajabzadeh · Z. Moosavinasab 943

**Origin of primary PGM assemblage in chromitite from a mantle tectonite at Harold's Grave (Shetland Ophiolite Complex, Scotland)**

I.Y. Badanina · K.N. Malitch · R.A. Lord · T.C. Meisel 963

**In situ differentiation and evolution of potassic syenites from Svidnya, Bulgaria**

M. Dyulgerov · B. Platevoet 971

**The tetrad effect and geochemistry of apatite from the Altay Koktokay No. 3 pegmatite, Xinjiang, China: implications for pegmatite petrogenesis**

M.-J. Cao · Q.-F. Zhou · K.-Z. Qin · D.-M. Tang · N.J. Evans 985

Further articles can be found at [www.springerlink.com](http://www.springerlink.com)

Abstracted/indexed in *Science Citation Index*, *Science Citation Index Expanded (SciSearch)*, *Journal Citation Reports/Science Edition*, *SCOPUS*, *Astrophysics Data System (ADS)*, *Chemical Abstracts Service (CAS)*, *Google Scholar*, *EBSCO*, *Academic OneFile*, *Academic Search*, *Current Abstracts*, *Current Contents/Physical, Chemical and Earth Sciences*, *Gale*, *GeoRef*, *INIS Atomindex*, *International Bibliography of Book Reviews (IBR)*, *International Bibliography of Periodical Literature (IBZ)*, *Materials Science Citation Index*, *OCLC*, *SCImago*, *Summon by Serial Solutions*, *VINITI - Russian Academy of Science*.

Instructions for Authors for *Miner Petrol* are available at [www.springer.com/710](http://www.springer.com/710).

Федеральное государственное  
бюджетное учреждение науки  
Центральная научная библиотека  
Уральского отделения  
Российской академии наук (ЦНБ УрО РАН)