

ПН  
М 73/Р

# Mineralogy and Petrology

Vol. 108, No. 2, 2014

# Mineralogy and Petrology

Volume 108 · Number 2 · April 2014

## ORIGINAL PAPERS

**Paragenesis and chemical characteristics of the celsian–hyalophane–K-feldspar series and associated Ba–Cr micas in barite-bearing strata of the Mesoarchaean Ghattihosahalli Belt, Western Dharwar Craton, South India**

M.M. Raith · T.C. Devaraju · B. Spiering 153

**Microstructural records of multiple retrograde local H<sub>2</sub>O supplement in the pelitic gneiss, Lützow-Holm Complex at Akarui Point, East Antarctica**

A. Nakamura · M. Kitamura · T. Kawakami 177

**Using detrital garnets to determine provenance: a case study from the Vertiskos Unit (Serbomacedonian Massif, N. Greece)**

I.K. Georgiadis · A. Koroneos · L. Papadopoulou · N. Kantiranis · A.E. Tamparopoulos · A. Tsirambides 187

**Double injection events of mafic magma into supersolidus Yucheon granites to produce two types of mafic enclaves in the Cretaceous Gyeongsang Basin, SE Korea**

J.-S. Kim · M. Son · B.-H. Hwang · K.-C. Shin · H. Cho · Y.K. Sohn 207

**Microcrystals of Th-rich monazite (La) with a negative Ce anomaly in metadiorite and their role for documenting Cretaceous metamorphism in the Slavonian Mountains (Croatia)**

B. Starijaš Mayer · E. Krenn · F. Finger 231

**K–Ar dating, whole-rock and Sr–Nd isotope geochemistry of calc-alkaline volcanic rocks around the Gümüşhane area: implications for post-collisional volcanism in the Eastern Pontides, Northeast Turkey**

Z. Aslan · M. Arslan · İ. Temizel · A. Kaygusuz 245

**Diabasic intrusion and lavas, segregation veins, and magma differentiation at Kahoolawe volcano, Hawaii**

R.V. Fodor · G.R. Bauer 269

**Structural variation of babingtonite depending on cation distribution at the octahedral sites**

M. Nagashima · K. Mitani · M. Akasaka 287

**Fluid inclusion and isotope geochemistry of the Yangla copper deposit, Yunnan, China**

X.-A. Yang · J.-J. Liu · L.-B. Yang · S.-Y. Han · X.-M. Sun · H. Wang 303

Further articles can be found at [link.springer.com](http://link.springer.com)

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

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)