

ПН  
М 73/р

# Mineralogy and Petrology

Vol. 107, No. 4, 2013

 Springer

# Mineralogy and Petrology

Volume 107 · Number 4 · August 2013

## ORIGINAL PAPERS

### Bio-mineralization and potential biogeochemical processes in bauxite deposits: genetic and ore quality significance

M. Laskou · M. Economou-Eliopoulos 471

### Mineralogical, chemical, and crystallographic properties of supergene jarosite-group minerals from the Xitianshan Pb-Zn sulfide deposit, northern Tibetan Plateau, China

L. Chen · J.-W. Li · R.O. Rye · W.M. Benzel · H.A. Lowers · M.-Z. He 487

### Topotactic formation of ferrisicklerite from natural triphylite under hydrothermal conditions

P. Schmid-Beurmann · L. Ottolini · F. Hatert · T. Geisler · M. Huyskens · V. Kahlenberg 501

### Metamorphism of Proterozoic agpaitic nepheline syenite gneiss from North Singhbhum Mobile Belt, eastern India

B. Goswami · S.K. Basu 517

### Sm-Nd chronology of porphyroblastic garnets from granulite facies metabasic rocks in Calabria (Southern Italy): inferences for preserved isotopic memory and resetting

S. Duchene · A. Fornelli · F. Micheletti · G. Piccarreta 539

### U-Cr-rich high Mg-Al granulites from Karimnagar Granulite Belt, India: implications for Neoproterozoic-Paleoproterozoic events in southern India

C. Sarbajna · S. Bose · V. Rajagopalan · K. Das · A. Som · A.K. Paul · K. Shivkumar · K. Umamaheswar · A. Chaki 553

### Ages and geochemistry of Laojunshan granites in southeastern Yunnan, China: implications for W-Sn polymetallic ore deposits

J. Feng · J. Mao · R. Pei 573

### Zircon U-Pb age, geochemical, and Sr-Nd-Pb isotopic constraints on the origin of alkaline intrusions in eastern Shandong Province, China

S. Liu · C. Feng · R. Hu · S. Gao · T. Wang · G. Feng · Y. Qi · I.M. Coulson · S. Lai 591

### The petrogenesis of granitoid rocks unusually rich in apatite in the Western Tatra Mts. (S-Poland, Western Carpathians)

K. Szopa · A. Gawęda · A. Müller · M. Sikorska 609

## ERRATUM

### Erratum to: Package *FLUIDS*. Part 4: thermodynamic modelling and purely empirical equations for H<sub>2</sub>O-NaCl-KCl solutions

R.J. Bakker 629

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).

