



## Current Literature Survey

### Mineralogy

#### Clay distribution over the landscape of Israel: From the hyper-arid to the Mediterranean climate regimes

Sandler A., *Catena*, 2013, 110/– (119–132).

#### Microstructures and quartz lattice-preferred orientations in the eclogite-bearing migmatitic gneisses of the D'Entrecasteaux Islands, Papua New Guinea

Little T.A., Hacker B.R., Brownlee S.J. & Seward G., *Geochemistry, Geophysics, Geosystems*, 2013, 14/6 (2030–2062).

### Geochemistry

#### Geology and geochemistry of Tertiary basalt in south Wadi Hodein area, South Eastern Desert, Egypt

Shahin H.A.A. & Masoud M.S., *Arabian Journal of Geosciences*, 2013, 6/8 (2777–2787).

#### Hydrogeochemistry and isotope studies of groundwater in the Ga West Municipal Area, Ghana

Saka D., Akiti T.T., Osae S., Appenteng M.K. & Gibrilla A., *Applied Water Science*, 2013, 3/3 (577–588).

#### Reservoir parameters determination using artificial neural networks: Ras Fanar field, Gulf of Suez, Egypt

Lashin A. & El Din S.S., *Arabian Journal of Geosciences*, 2013, 6/8 (2789–2806).

#### Occurrence of fluoride in ground waters of Saudi Arabia

Alabdulaaly A.I., Al-Zarah A.I. & Khan M.A., *Applied Water Science*, 2013, 3/3 (589–595).

#### Geochemistry, mineralogy, and radioactivity of Upper Cretaceous Abu Khruq Ring Complex, South Eastern Desert, Egypt

El Afandy A.H., El Nahas H.A., Dawood N.A. & Asran H.M., *Arabian Journal of Geosciences*, 2013, 6/8 (2855–2871).

#### The upper zone of the bushveld complex at roossenekal, South Africa: Geochemical stratigraphy and evidence of multiple episodes of magma replenishment

Scoon R.N. & Mitchell A.A., *South African Journal of Geology*, 2012, 115/4 (515–534).

#### Hydrochemical characterization and groundwater quality in Delta Tokar alluvial plain, Red Sea coast–Sudan

Elkrai A.B. & Obied B.A., *Arabian Journal of Geosciences*, 2013, 6/8 (3133–3138).

#### The plattreef of the Bushveld complex, South Africa: A new hypothesis of multiple, non-sequential MAGMA replenishment based on observations at the Akanani project, North-West of Mokopane

Mitchell A.A. & Scoon R.N., *South African Journal of Geology*, 2012, 115/4(535–550).

#### Lead and sulfur isotope constraints on the genesis of the polymetallic mineralization at Oued Maden, Jebel Hallouf and Fedj Hassene carbonate-hosted Pb–Zn (As–Cu–Hg–Sb) deposits, Northern Tunisia

Jemmal N., Souissi F., Carranza E.J.M. & Bouabdellah M., *Journal of Geochemical Exploration*, 2013, 132/– (6–14).

#### Geochemical perspective on origins and consequences of heuweltjie formation in the southwestern cape, South Africa

Midgley J.J., Harris C., Harrington A. & Potts A.J., *South African Journal of Geology*, 2012, 115/4 (577–588).

#### Is the microbiological quality of the Msunduzi River (KwaZulu-Natal, South Africa) suitable for domestic, recreational, and agricultural purposes?

Gemmell M.E. & Schmidt S., *Environmental Science and Pollution Research*, 2013, 20/9 (6551–6562).

#### Negative cerium anomaly in spessartine garnet from a barite-rich rock, otjosondou ferromanganese deposit, namibia: The fingerprint of oxic seawater

Cabral A.R. & Moore J.M., *South African Journal of Geology*, 2012, 115/4 (589–596).

#### Geochemistry and origin of the Paleocene phosphorites from the Hazm Al-Jalamid area, northern Saudi Arabia

Al-Hobaib A.S., Baiomy H.M. & Al-Ateeq M.A., *Journal of Geochemical Exploration*, 2013, 132/– (15–25).

#### Melanesian arc far-field response to collision of the On-tong Java Plateau: Geochronology and petrogenesis of the Simuku Igneous Complex, New Britain, Papua New Guinea

Holm R.J., Spandler C. & Richards S.W., *Tectonophysics*, 2013, 603/– (189–212).

#### Incoming magma composition and style of recharge below the pyroxenite marker, eastern bushveld complex, South Africa

Vantongeren J.A. & Mathez E.A., *Journal of Petrology*, 2013, 54/8 (1585–1605).

### Geochronology

**<sup>40</sup>Ar/<sup>39</sup>Ar thermochronology of Paleoproterozoic granitoids of northeast Burkina Faso, West African Craton: Implications for regional tectonics**

Tapsoba B., Lo C.-H., Wenmenga U., Jahn B.-M. & Chung S.-L., *Precambrian Research*, 2013, 235/– (208–229).

**Accommodation of transpressional strain in the Arabia-Eurasia collision zone: New constraints from (U-Th)/He thermochronology in the Alborz mountains, north Iran**

Ballato P., Stockli D.F., Ghassemi M.R., Landgraf A., Strecker M.R., Hassanzadeh J., Friedrich A. & Tabatabaei S.H., *Tectonics*, 2013, 32/1 (1–18).

**Zircon U-Pb emplacement and ND-Hf crustal residence ages of the straussburg granite and Friersdale Charnockite in the Namaqua-Natal province, South Africa**

Cornell D.H., Pettersson A. & Simonsen S.L., *South African Journal of Geology*, 2012, 115/4 (465–484).

### Igneous and Metamorphic Geology

**Characterization of weathering profile in granites and volcano-sedimentary rocks in West Africa under humid tropical climate conditions. Case of the Dimbokro Catchment (Ivory Coast)**

Koita M., Jourde H., Koffi K.J.P., Da Silveira K.S. & Biaou A., *Journal of Earth System Science*, 2013, 122/3 (841–854).

**2883 Ma commencement of BIF deposition at the northern edge of Congo craton, southern Cameroon: New zircon SHRIMP data constraint from metavolcanics**

Chombong N.N. & Suh C.E., *Episodes*, 2013, 36/1 (47–57).

**Auto-exposure and underprinting in the exhumation of Neo-proterozoic (subNama) inselbergs in southeastern Namibia**

Twidale C.R. & Maud R.R., *Zeitschrift für Geomorphologie*, 2013, 57/1 (61–73).

**Petrology, major and trace element geochemistry, geochronology, and isotopic composition of granitic intrusions from the vicinity of the Bosumtwi impact crater, Ghana**

Losiak A., Schulz T., Buchwaldt R. & Koeberl C., *Lithos*, 2013, 177/– (297–313).

**The Plat Sjambok Anorthosite and its tonalitic country rocks: Mesoproterozoic pre-tectonic intrusions in the Kaaien Terrane, Namaqua-Natal Province, southern Africa**

Cornell D.H., Brander L., Zack T. & Kristoffersen M., *International Geology Review*, 2013, 55/12 (1471–1489).

### Sedimentary Geology

**Microbialite formation in southern Sinai (Egypt)**

Basso D., Bracchi V.A. & Favalli A.N., *Facies*, 2013, 59/1 (7–18).

**Sea-level change and free gas occurrence influencing a submarine landslide and pockmark formation and distribution in deepwater Nigeria**

Riboulet V., Cattaneo A., Sultan N., Garziglia S., Ker S., Imbert P. & Voisset M., *Earth and Planetary Science Letters*, 2013, 375/– (78–91).

**Arabian carbonate reservoirs: A depositional model of the Arab-D reservoir in Khurais field, Saudi Arabia**

Al-Awwad S.F. & Collins L.B., *AAPG Bulletin*, 2013, 97/7 (1099–1119).

### Stratigraphy

**Review of mesoproterozoic magmatism, sedimentation and terrane amalgamation in southwestern Africa**

McG Miller R., *South African Journal of Geology*, 2012, 115/4 (417–448).

**Stratigraphy of the mesoproterozoic aggeneys terrane, western Namaqua mobile belt, South Africa**

Colliston W.P., Schoch A.E. & Praekelt H.E., *South African Journal of Geology*, 2012, 115/4 (449–464).

**Hertzian fractures in the sub-dwyka nooitgedacht striated pavement, and implications for the former thickness of karoo strata near Kimberley, South Africa**

Master S., *South African Journal of Geology*, 2012, 115/4 (561–576).

### The Quaternary

**Sedimentary metal-pollution signatures adjacent to the ancient centre of copper metallurgy at Khirbet Faynan in the desert of southern Jordan**

Grattan J.P., Gilbertson D.D. & Kent M., *Journal of Archaeological Science*, 2013, 40/11 (3834–3853).

**Composite projectiles and hafting technologies at Ohalo II (23ka, Israel): Analyses of impact fractures, morphometric characteristics and adhesive remains on microlithic tools**

Yaroshevich A., Nadel D. & Tsatskin A., *Journal of Archaeological Science*, 2013, 40/11 (4009–4023).

**Stemmed Tools, Social Interaction, and Voyaging in Early-Mid Holocene Papua New Guinea**

Torrence R., Kelloway S. & White P., *Journal of Island and Coastal Archaeology*, 2013, 8/2 (278–310).

**Climatic and cultural changes in the west Congo Basin forests over the past 5000 years**

Oslisly R., White L., Bentaleb I., Favier C., Fontugne M., Gillet J.-F. & Sebag D., *Philosophical Transactions of the Royal Society B: Biological Sciences*, 2013, 368/1625.

**"Funerary bundles" in the PPNB at the archaeological site of Tell Halula (middle Euphrates valley, Syria): Analysis of the taphonomic dynamics of seated bodies**

Ortiz A., Chambon P. & Molist M., *Journal of Archaeological Science*, 2013, 40/12 (4150–4161).

**Megalake Chad impact on climate and vegetation during the late Pliocene and the mid-Holocene**

Contoux C., Jost A., Ramstein G., Sepulchre P., Krinner G. & Schuster M., *Climate of the Past*, 2013, 9/4 (1417–1430).

### Palaeontology

**The middle Rhuddanian (lower Silurian) 'hot' shale of North Africa and Arabia: An atypical hydrocarbon source rock**

Loydell D.K., Butcher A. & Frý da J., *Palaeogeography, Palaeoclimatology Palaeoecology*, 2013, 386/– (233–256).

**Dentognathic remains of an afropithecus individual from Kalodirr, Kenya**

Rossie J.B. & MacLatchy L., *Journal of Human Evolution*, 2013, 65/2 (199–208).

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