



Current Literature Survey



Mineralogy

Spinel, Fe-Ti oxide minerals, apatites, and carbonates hosted in the ophiolites of Eastern Desert of Egypt: Mineralogy and chemical aspects

Abdel-Karim A.-A.M., Elwan W.I., Helmy H. & El-Shafey S.A., *Arabian Journal of Geosciences*, 2014, 7/2 (693–709).

Origin and characteristics of Cr-smectite from Suweileh area, Jordan

Khoury H.N. & Al-Zoubi A.S., *Applied Clay Science*, 2014, 90/ (43–52).

Low intra-crystalline closure temperatures of Cr-bearing spinels from the mantle xenoliths of the Middle Atlas Neogene-Quaternary Volcanic Field (Morocco): Mineralogical evidence of a cooler mantle beneath the West African Craton

Lenaz D., Youbi N., De Min A., Boumehdi M.A. & Abbou M.B., *American Mineralogist*, 2014, 99/2-3 (267–275).

Geochemistry

Hydrogeochemical investigations of thermal waters in the northeastern part of Morocco

Barkaoui A.E., Zarhloule Y., Rimi A., Verdoya M. & Bouri S., *Environmental Earth Sciences*, 2014, 71/4 (1767–1780).

Mapping hotspots of underground water quality based on the variation of chemical concentration in Amman, Zarqa and Balqa regions, Jordan

Alqadi K.A., Kumar L. & Khormi H.M., *Environmental Earth Sciences*, 2014, 71/5 (2309–2317).

Environmental and radio-ecological studies on shallow marine sediments from harbour areas along the Red Sea coast of Egypt for identification of anthropogenic impacts

El-Taher A. & Madkour H.A., *Isotopes in Environmental and Health Studies*, 2014, 50/1 (120–133).

Petrography and geochemistry of Cretaceous to quaternary siliciclastic rocks in the Tarfaya basin, SW Morocco: Implications for tectonic setting, weathering, and provenance

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Modeling nutrients profiles at the sediment-water interface. Calibration and validation from two climatically contrasted estuaries: Seine (France) and Somone (Senegal)

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Hydrochemical facies and ionic ratios of the coastal groundwater aquifer of Saudi Gulf of Aqaba: Implication for seawater intrusion

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Sr and Nd isotope ratios and trace element concentrations in kimberlites from Shandong and Liaoning (China) and the Kimberley area (South Africa)

Toyama C., Muramatsu Y., Yamamoto J., Nakai S. & Kaneoka I., *Geochemical Journal*, 2012, 46/1 (45–59).

Unraveling sources of A-type magmas in juvenile continental crust: Constraints from compositionally diverse Ediacaran post-collisional granitoids in the Katerina Ring Complex, southern Sinai, Egypt

Moreno J.A., Molina J.F., Montero P., Abu Anbar M., Scarrow J.H., Cambeses A. & Bea F., *Lithos*, 2014, 192-195/ (56–85).

Rating and correlating physicochemical properties of Eutric Vertisols in Abaya Chamo Lake basin, South-west Ethiopia

Ayele T., Tanto T. & Ayana M., *International Journal of Agronomy and Plant Production*, 2013, 4/SPEC. ISSUE (3559–3568).

Cryptic variation of chromite chemistry, platinum group element and platinum group mineral distribution in the UG-2 chromitite: An example from the karee mine, western Bushveld complex, South Africa

Junge M., Oberthür T. & Melcher F., *Economic Geology*, 2014, 109/3 (795–810).

Geochemical characterisation of Fika Formation in the Chad (Bornu) Basin, northeastern Nigeria: Implications for depositional environment and tectonic setting

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Polychlorinated biphenyls and hexachlorocyclohexanes in sediments and fish species from the Napoleon Gulf of Lake Victoria, Uganda

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Geochronology

Constraints on the timing of late-Eburnean metamorphism, gold mineralisation and regional exhumation at Damang mine, Ghana

White A., Burgess R., Charnley N., Selby D., Whitehouse M., Robb L. & Waters D., *Precambrian Research*, 2014, 243/-(18–38).

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Igneous and Metamorphic Geology

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Magmatic occurrences in the Central Arava (southern Israel) based on Geology and Magnetometry

Hanan G., Michael R., Boris S. & Michael L., *Journal of Asian Earth Sciences*, 2014, 85/- (106–116).

Sedimentary Geology

Sediment characteristics and molluscan fossils of the Farasan Islands shorelines, southern Red Sea, Saudi Arabia

Bantan R.A. & Abu-Zied R.H., *Arabian Journal of Geo-sciences*, 2014, 7/2 (773–787).

Sedimentation patterns on a cold-water coral mound off Mauritania

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The Nahal Oz Reservoir dam-break flood: Geomorphic impact on a small ephemeral loess-channel in the semi-arid Negev Desert, Israel

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Wood J.D., Bodin S., Redfern J. & Thomas M.F.H., *Sedimentary Geology*, 2014, 303/- (49–69).

Stratigraphy

Southeast Bayuda volcano-sedimentary sequences (Kurmut terrane, Sudan): Juvenile island arc series within the mega-shear zone marking the eastern boundary of the Saharan Metacraton

Ali E.A., Abdelrahman E.M. & Guang W., *Arabian Journal of Geosciences*, 2014, 7/2 (447–456).

Contribution to the stratigraphy and sedimentation of the cretaceous aquifers, se Sinai, Egypt

Attia S.H., Ismail A.A., Shabana A.R. & Ismail A.A., *Micropaleontology*, 2013, 59/2-3 (177–200).

The Quaternary

The geology and geochronology of Al Wahbah maar crater, Har-rat Kishb, Saudi Arabia

Abdel Wahab A., Abul Maaty M.A., Stuart F.M., Awad H. & Kafafy A., *Quaternary Geochronology*, 2014, 21/1 (70–76).

An age for the Korath Range, Ethiopia and the viability of $^{40}\text{Ar}/^{39}\text{Ar}$ dating of kaersutite in Late Pleistocene volcanics

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Orientation patterns of wildebeest bones on the lake Masek floodplain (Serengeti, Tanzania) and their relevance to interpret anisotropy in the Olduvai lacustrine floodplain

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