



Current literature survey[☆]

Mineralogy

Adsorption of Cu(II) on natural and treated clays

Djebbar M. & Djafri F., *Water Quality Research Journal of Canada*, 2016, 51/1 (26–32).

Adsorption of Pb(II) on raw and organically modified Jordanian bentonite

Hamadneh I., Abu-Zurayk R., Abu-Irmaileh B., Bozeya A. & Al-Dujaili A.H., *Clay Minerals*, 2015, 50/4 (485–496).

Mineralogy and thermal transformation of clayey materials from the district of Marrakech, Morocco

Hajjaji M., *Comunicacoes Geologicas*, 2014, 101/1 (75–80).

Partial resetting of the U-Th-Pb systems in experimentally altered monazite: Nanoscale evidence of incomplete replacement

Grand'Homme A., Janots E., Seydoux-Guillaume A.-M., Guillaume D., Bosse V. & Magnin V., *Geology*, 2016, 44/6 (431–434).

Geochemistry

Effect of water-rock interaction processes on the hydrogeochemistry of groundwater west of Sohag area, Egypt

Redwan M., Abdel Moneim A.A. & Amra M.A., *Arabian Journal of Geosciences*, 2016, 9/2 (1–14).

Integrated Geochemistry, Isotopes, and Geostatistical Techniques to Investigate Groundwater Sources and Salinization Origin in the Sharm EL-Shiekh Area, South Sinia, Egypt

Isawi H., El-Sayed M.H., Eissa M., Shouakar-Stash O., Shawky H. & Abdel Mottaleb M.S., *Water, Air, and Soil Pollution*, 2016, 227/5

Th-REE- and Nb-Ta-accessory minerals in post-collisional Ediacaran felsic rocks from the Katerina Ring Complex (S. Sinai, Egypt): An assessment for the fractionation of Y/Nb, Th/Nb, La/Nb and Ce/Pb in highly evolved A-type granites

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Geology and Hydrochemistry of the Deep Sandstone Aquifers of Jordan

Abu-Jaber N. & El-Naser H., *Environmental Earth Sciences*, 2016, 75/10

Conservation implications of the provenance of modern sediment on a shell-rich platform of Lake Tanganyika (Kigoma, TZ)

Soreghan M.J., *Environmental Earth Sciences*, 2016, 75/10

Identifying the sources and geochemical evolution of groundwater using stable isotopes and hydrogeochemistry in the Quaternary aquifer in the area between Ismailia and El Kassara canals, Northeastern Egypt

Gomaah M., Meixner T., Korany E.A., Garamoon H. & Gomaa M.A., *Arabian Journal of Geosciences*, 2016, 9/6

Reworking of atmospheric sulfur in a Paleoproterozoic hydrothermal system at Londozi, Barberton Greenstone Belt, Swaziland

Roordink D.L., Mason P.R.D., Whitehouse M.J. & Brouwer F.M., *Precambrian Research*, 2016, 280 (195–204).

Study of the influence of the physicochemical parameters on microbial abundance in various ambient conditions

Kherifi W. & Bousnoubra-Kherici H., *Water Resources*, 2016, 43/3 (546–558).

Contribution of strontium to the study of groundwater salinity. Case of the alluvial plain of Sidi Bel Abbès (North-western Algeria)

Lebid H., Erhiri M. & Boudjemline D., *Environmental Earth Sciences*, 2016, 75/11

Assessing the geochemical variability of oil shale in the Attarat Um Ghudran deposit, Jordan

Voolma M., Soesoo A., Puura V., Hade S. & Aosaar H., *Estonian Journal of Earth Sciences*, 2016, 65/2 (61–74).

Compositional variation in apatite from various host rocks: Clues with regards to source composition and crystallization conditions

Teiber H., Marks M.A.W., Arzamastsev A.A., Wenzel T. & Markl G., *Neues Jahrbuch für Mineralogie, Abhandlungen*, 2015, 192/2 (151–167).

Long-term immobilisation of Cd²⁺ at the Tulul Al Hammam natural analogue site, central Jordan

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Trace element behaviour in soils developed along the slopes of Mt. Cameroon, West Africa

Manga V.E., Agyingi C.M. & Suh C.E., *Geochemical Journal*, 2016, 50/3 (267–280).

Groundwater recharge and salinization in the arid coastal plain aquifer of the Wadi Watir delta, Sinai, Egypt

Eissa M.A., Thomas J.M., Pohll G., Shouakar-Stash O., Hershey R.L. & Dawoud M., *Applied Geochemistry*, 2016, 71 (48–62).

Igneous and metamorphic geology

From breccias to lherzolites: The emplacement of lherzolites within the ballongue and aulus Albo-Cenomanian black flysch basins (north-pyrenean zone, ariège) - Digital fieldtrip guidebook supplementing the data of the 1/50 000 geological maps

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aspet (Debroas et al., 2016) and Aulus (Colchen et al., 1997; Ternet et al., 1997)

Debroas E.-J. & Azambre B., *Geologie de la France*, 2016, 2016/1 (3–5).

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Tychite in mantle xenoliths from kimberlites: The first find and a new genetic type

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Ba and Sr mineralization of fossil fish bones from metamorphosed Belqa group sediments, Central Jordan: an integrated methodology

Khoury H.N., Kokh S.N., Sokol E.V., Likhacheva A.Y., Seryotkin Y.V. & Belogub E.V., *Arabian Journal of Geosciences*, 2016, 9/6

U-Pb-Hf isotope systematics of detrital zircons in high-grade paragneisses of the Ancient Gneiss Complex, Swaziland: Evidence for two periods of juvenile crust formation, Paleo- and Mesoarchaeon sediment deposition, and 3.23 Ga terrane accretion

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Metasomatized mantle xenoliths as a record of the lithospheric mantle evolution of the northern edge of the ahaggar swell, in teria (Algeria)

Kaczmarek M.-A., Bodinier J.-L., Bosch D., Tommasi A., Dautria J.-M. & Kechid S.A., *Journal of Petrology*, 2016, 57/2

Episodic granite accumulation and extraction from the mid-crust

Hall D. & Kisters A., *Journal of Metamorphic Geology*, 2016, 34/5 (483–500).

Mathematical models for quantifying eruption velocity in degassing pipes based on exsolution of a single gas and simultaneous exsolution of multiple gases

Leon A.S., *Journal of Volcanology and Geothermal Research*, 2016, 323 (72–79).

Generation of Palaeoproterozoic tonalites and associated high-K granites in southwestern Tanzania by partial melting of underplated mafic crust in an intracontinental setting: Constraints from geochemical and isotopic data

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Sedimentary geology

Geochronology and historical deposition of trace metals in three tropical estuaries in the Gulf of Guinea

Mahu E., Nyarko E., Hulme S., Swarzenski P., Asiedu D.K. & Coale K.H., *Estuarine, Coastal and Shelf Science*, 2016, 177 (31–40).

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Nyantakyi E.K., Li T., Hu W. & Borkloe J.K., *Acta Geodaetica et Geophysica*, 2016, 51/2 (207–225).

A comparative study between the depositional environment and provenance of the Hussainiyat (Lower Jurassic) and the Rutbah (Upper Cretaceous) Formations, Western Desert of Iraq

Tamar-Agha M.Y., Al-Zubaidi A.A. & Al-Janabi S.A., *Arabian Journal of Geosciences*, 2016, 9/6

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Princeton Dim C.I., Okwara I.C., Mode A.W. & Onuoha K.M., *Arabian Journal of Geosciences*, 2016, 9/6

Climatic data and satellite imagery for assessing the aeolian sand deposit and barchan migration, as a major risk sources in

the region of In-Salah (Central Algerian Sahara)

Boulghobra N., *Arabian Journal of Geosciences*, 2016, 9/6

Saharan dust deposition in the Carpathian Basin and its possible effects on interglacial soil formation

Varga G., Cserhati C., Kovacs J. & Szalai Z., *Aeolian Research*, 2016, 22 (1–12).

Palynology, palynofacies analysis, depositional environments and source rock potential of Lower Cretaceous successions in southern Iraq

El Atfy H., Abeed Q., Uhl D. & Littke R., *Marine and Petroleum Geology*, 2016, 76 (362–376).

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Farouk S., Faris M., Ahmad F. & Powell J.H., *GeoArabia*, 2015, 20/3 (145–172).

Long-term background denudation rates of southern and southeastern Brazilian watersheds estimated with cosmogenic ¹⁰Be

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Stratigraphy

Microfacies analysis and cyclostratigraphy of the upper cretaceous- lower paleogene succession of Bir Dakhil section, north eastern desert, Egypt

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The quaternary

Changing atmospheric CO₂ concentration was the primary driver of early Cenozoic climate

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Sedimentology and geochemistry of lacustrine terraces of three Middle Atlas lakes: Paleohydrological changes for the last 2300 cal BP in Morocco (western Mediterranean region)

Damnati B., Etebaai I., Benjilani H., El Khoudri K., Reddad H. & Taieb M., *Quaternary International*, 2016, 404 (163–173).

Contextual taphonomy of worked bones in the Natufian sequence of the el-Wad Terrace (Israel)

Yeshurun R., Kaufman D. & Weinstein-Evron M., *Quaternary International*, 2016, 403 (3–15).

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Lund S., Platzman E. & Johnson T., *Quaternary Science Reviews*, 2016, 144 (16–27).

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Interannual and (multi-)decadal variability in the sedimentary BIT index of Lake Challa, East Africa, over the past 2200 years: Assessment of the precipitation proxy

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