

+Curriculum Vitae

**Prof. Dr. Ali Ismail Abdullah Al-Juboury**



Personal Data:

Surname :Al-Juboury

Forename : Ali Ismail

Sex: Male

Date of Birth: 21-4-1959

Marital Status: Married

Place of Birth: Mosul, Iraq

Nationality: Iraqi

Geology Department, Mosul University, Iraq

Honorary Visiting Professor, Royal Holloway University of London, UK, 2012-2015

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**Education and Employment:**

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| 1980 | B .Sc .in Geology, College of Science, University of Mosul, Mosul, Iraq.               |
| 1983 | M.Sc .in Sedimentology, University of Mosul, Mosul, Iraq.                              |
| 1992 | Ph.D .in Petrology and Mineralogy of Sedimentary Rocks, Comenius University, Slovakia. |

**Experience:**

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| 1985          | B.Sc .In Geology, College of Science, University of Mosul, Mosul, Iraq.                    |
| 1986-1989     | Geology Department, Salahaddin University, Erbil, Iraq as a Lecturer.                      |
| 1993-1995     | Geology Department, Mosul University, Mosul, Iraq as a Lecturer.                           |
| 1995 – 2000   | Geology Department, Mosul University, Mosul, Iraq as an Assistant Professor.               |
| From 1/9/2000 | Professor of petrology and mineralogy of sedimentary rocks, Mosul University,              |
|               | Head of the Geotechnical Dept., Dams and Water Resources Center, for the period 2002-2004. |

**Post doctorate Fellowships :**

- 1 .Geological Institute, Bonn University, Germany, 2001.
- 2 .Geological Institute, Bonn University, Germany, 2004.
- 3 .School of Earth & Environmental Sciences, University of Wollongong, Australia, 2007.
- 4 .Steinmann Institute, Bonn University, Germany, 2009.
- 5 .Sabbatical leave, Royal Holloway, London University, UK, 2010-2011
- 6 .Steinmann Institute, Bonn University, Germany, 2014

**Honors and Awards:**

1. Islamic States Educational, Science and Cultural Organization (ISESCO) Prize in Sciences and Technology (Geology), 2014, Morocco.
2. Institute of International Education's Scholar Rescue Fund (IIE-SRF), 2014 with research grant at Ankara University, Turkey

3. Distinguished Scholars Award The Arab Fund for Economic and Social Development, (AFESD), Kuwait, June 2009 with Sabbatical year research work at Royal Holloway college of London University conducting project on Paleozoic shale of Iraq and supported by British Petroleum (BP).
4. Research Fellowship of the Deutscher Akademischer Austauschdienst DAAD, German Academic Exchange Service Awards for the years, 2001, 2004, 2009 and 2014
5. Iraqi Vice-President Award for Scientific Research, the First Award, 2008
6. Australian Endeavour Award (Endeavour Iraq Research Fellowship), (2007) .
7. Potential referee for GeoArabia, Gulf Petrolink, Bahrain 2006, Marine & Petroleum Geology, 2008, Geologica Carpathica, Slovakia, 2008, Petroleum Geology of Iraq (Book) published by the Scientific Press, UK, 2010, Journal of African Earth Sciences (Elsevier) 2010, 2014, Journal of Petroleum Geology (Scientific Press, UK), 2010, International Scientific Journal for Stratigraphy and Sedimentology of Oil and Gas Basins, Azerbaijan, 2010, 2012 and 2013. Arabian Journal of Geosciences, Springer, 2013. Iraqi Journal of Science, Bulletin of Iraqi Natural History Museum and Jordan Journal of Earth Science and Environment
8. Editorial Board, International Journal of Geophysics and Geochemistry (American Association of Science and Technology)
9. Editorial Board, International Scientific Journal for Stratigraphy and Sedimentology of Oil and Gas Basins, Azerbaijan
10. Editorial Board, Iraqi Journal of Earth Science.
11. Editor-In-Chief, SciFed Journal of Biofuel and Bioenergetics, Scientific Federation (UK), open access Journal.
12. Award for the Scientific Cadres Patronage, Ministry of Higher Education & Research, Iraq for two years 2001 & 2002.
13. Professorship in Mineralogy and Petrology, Mosul University, Iraq, Sept .2000.

#### **Oil Industry Reports with support from BP and Shell oil companies**

Howard, J.P., Al-Juboury, A., Kaye, M.N.D. and Vautravers, B.P.H. (2014) Whole rock geochemistry, mineralogy and source potential of Silurian shales from the Akkas Formation in the Akkas-3 and Akkas-1 wells, Iraq. Reference: CASP.PZA2011-13.7

Howard, J.P., Al-Juboury, A. and Vautravers, B.P.H. (2014) Petrography and whole rock geochemistry of the Ordovician Khabour Formation in the Akkas-3 well. Reference: CASP.PZA2011-13.8

Howard, J.P., Al-Juboury, A. and Vautravers, B.P.H. (2014) Petrography and whole rock geochemistry of sandstones from the Silurian Akkas Formation in the Akkas-1, Akkas-3 and KH5/6 wells. Reference: CASP.PZA2011-13.9

Howard, J.P., Al-Juboury, A., Thusu, B. and Vautravers, B.P.H. (2014) Whole rock geochemistry, mineralogy and source potential of shales from the Khabour Formation in the Akkas-1 well and Chia Zinnar section. Reference: CASP.PZA2011-13.6

Howard, J.P., Al-Juboury, A. and Vautravers, B.P.H. (2013) Petrography and whole rock geochemistry of the Chalki basalts in northern Iraq. Reference: CASP.PZA2011-13.5

Howard, J.P., Al-Juboury, A., Thusu, B. and Vautravers, B.P.H. (2013) Petrography and whole rock geochemistry of the late Devonian Pirispiki Formation at outcrop in northern Iraq. Reference: CASP.PZA2011-13.4

Al-Juboury, A., Howard, J.P., Hyden, F.M. and Vautravers, B.P.H. (2012) Petrography and whole rock geochemistry of the Ordovician Khabour Formation in the Akkas-1 well and the Khabour Section Reference: CASP.PZA2011-13.3

Al-Juboury, A. and Howard, J.P. (2012) Whole rock geochemistry, mineralogy and source potential of the Silurian Akkas Formation in the Akkas-1 well, western Iraq. Reference: CASP.PZA2011-13.2

### **Consultation Works:**

This includes several consultation works with Iraqi oil companies to achieve several sedimentologic, stratigraphic as well as petrophysical characteristics works for different formations in north, middle and southern parts of Iraq, either as a joint research or as a postgraduate supervision granted by above mentioned companies.

#### **1 :Consultant with Northern Oil Company for the following studies:**

- \*\*Lithofacies and petrography of the Ordovician Khabour Formation, Western Iraq .
- \*\*Sedimentology of the Cenomanian Dokan Formation in Jambur oilfield, Kirkuk, Iraq.
- \*\*Facies analysis and the effect of clay minerals on the porosity development of the Albian Upper Qamchuqa Formation, Jambur oilfield, Iraq.
- \*\*Sedimentology and reservoir quality of Miocene successions at several oilfields in Kirkuk Basin, NE Iraq.

#### **2 :Consultant with Southern Oil Company, Basra, Iraq and the Iraqi Exploration Oil Company EOC, Baghdad to achieve the following works:**

- \*\*Sedimentology of the Lower Miocene Ghar Formation in Zubair, Qurna, Nahr Umr, Rumaila, Ratawi & Majnoon oilfields, S & SE Iraq.
- \*\*Sequence stratigraphy of the Late Paleozoic successions of Iraq.

#### **3. Consultation work about heavy minerals in recent sediments of Oman with colleagues at Sultan Qaboos University, Muscat, Oman.**

### **Projects**

1. ASTF Project/ Development of Saline Lakes in Sharqat area, south of Mosul City, granted by the Arab Science and Technology Foundation, ASTF, Sharjah, UAE, Grant No. WA06-2007
2. ASTF Project/ Modeling of sediment yield in regulating lake at Mosul dam by using a digital hydrological systems, granted by the Arab Science and Technology Foundation, ASTF, Sharjah, UAE, Grant No. WA09-2007
3. Paleozoic of Arabia Project, CASP, Cambridge University, 2011-2013
4. Triassic to Jurassic stratigraphy of north Iraq Project, Petroleum Geological Analysis Limited (PGA) UK, 2014-2016.

### **Conferences :**

The 1<sup>st</sup> Scientific Conference of Salahaddin Univ., Erbil, Iraq.

The 1<sup>st</sup> Scientific Conference of Geochemistry, Alexandria Univ., Egypt, 1989.

Middle East Sulfur Symposium, Cairo, Egypt, 1990.

The 12<sup>th</sup> Conf. on Clay Mineralogy and Petrology, Bratislava, Slovakia, 1992.

The 11<sup>th</sup> Iraqi Geological Congress, 1994.

The 3<sup>rd</sup> Scientific Conference of Geochemistry, Alexandria Univ., Egypt, 1997.

The 4<sup>th</sup> Scientific Conference of Geochemistry, Alexandria Univ., Egypt, 1999.

The 5<sup>th</sup> Int. Conf. on the Geology of the Arab World, GAW5, Cairo, Egypt, 2000

The 14<sup>th</sup> Iraqi Geological Congress, 2000.

The 5<sup>th</sup> Scientific Conference of Geochemistry, Alexandria Univ., Egypt, 2001.

The 1<sup>st</sup> National Geological conference, Mosul University, Iraq, 2001.

The 15<sup>th</sup> Iraqi Geological Congress, 2002.

4<sup>th</sup> European Congress on Regional Geoscientific Cartography, Italy, 2003.

International Geological Congress 32<sup>nd</sup> IGC, Florence, Italy, 2004.

IAS 24<sup>th</sup> Regional Meeting, Muscat, Oman, 2005.

7<sup>th</sup> International Symposium on the Cretaceous, Nauchatel, Switzerland, 2005.

6<sup>th</sup> Inter. Conf. on the Geology of the Middle East, Al-Ain, UAE, March, 2006

5<sup>th</sup> Conference of Moroccan Group for the Permian and Triassic, 2006.

International Carboniferous Conf., Cologne, Germany, September 2006

2<sup>nd</sup> International Conf. on the Geology of Tethys, Cairo, Egypt, March, 2007

6<sup>th</sup> International Symposium on Eastern Mediterranean Geology and 9<sup>th</sup> International Conf of Jordanian Geologists Association, Amman, Jordan, April, 2007

33<sup>rd</sup> International Geological Congress, Oslo, Norway, August, 2008

4<sup>th</sup> Mid-European Clay Conference, Zakopane, Poland, September, 2008

Paleozoic Clastic Reservoirs Workshop, Manama, Bahrain, March 2009

European Geoscience Union General Assembly, April, 2009

The 8<sup>th</sup> Middle East & North Africa Oil & Gas Conference, (MENA 2010), Imperial College, London, September 2010.

The 3<sup>rd</sup> Iraq Oil and Gas Conference (IPC 2010), Imperial College, London, September 2010.

GeoDarmstadt 2010, Geosciences Secure the Future. October 9-14. Schriftenreihe der Deutschen Gesellschaft für Geowissenschaften, Frankfurt am Main, Darmstadt.

The 4<sup>th</sup> Iraqi Petroleum Conference (IPC) September 2012, Imperial College UK

Hydrocarbon exploration in the Zagros Mountains of Iraqi Kurdistan and Iran, Geological Society of London, January 2013.

9<sup>th</sup> International Symposium on the Cretaceous System, METU, Ankara, Turkey, Sept 2013

GeoKurdistan Conference, Sulaimaniya University, 2016

#### **Professional Affiliations :**

- 1 .American Association of Petroleum Geologists, AAPG, USA
- 2 .International Association of Sedimentologists, IAS, France
- 3 .Society of Geology Applied to Mineral Deposits, SGA, Switzerland
- 4 . International Society of Salt Lake Research, ISSLR, Australia.
5. Quaternary Research Association, QRA, United Kingdom.
6. Cretaceous Paleoclimate Community, USA.
- 7 .Commission for the Management and Application of Geosciences Information, CGI, United Kingdom .
8. Carolina Geological Society, USA.
9. Iraqi Geological Union
10. Dhahran Geosciences Society, Saudi Arabia
11. Biogeology Research Group, K.U .Leuven, Belgium
12. The Tethys Geological Society, Egypt
13. The Global NEST, the Global Network for Environmental Sciences and Technology, Greece .

14. Global network on international minerals policies

**Subjects Taught to Students:**

1. Sedimentary Rocks, undergraduate, 3<sup>rd</sup> year
2. Advanced Sedimentology, postgraduate, MSc .2 courses.
3. Petroleum geology, undergraduate, 4<sup>th</sup> year
4. Basin Analysis postgraduate, PhD course.
5. Clastic Diagenesis postgraduate, PhD course
6. Clay Mineralogy Optional course, 4<sup>th</sup> year, undergraduate .

**Languages:** (English, Slovak, Arabic)

**Research Interests:**

- 1 :Petroleum Geology and Basin Analysis
- 2 :Carbonate rocks, petrography, diagenesis and depositional environments.
- 3 :Clastic diagenesis in relation to reservoir quality.
- 4 :Heavy mineral distribution and significance.
- 5 :Clay mineralogy, paleoenvironmental indications.

**Postgraduate Supervision:**

18 Phd and MSc thesis

**Books**

Al-Juboury, A.I. (2012) Petrology, New Perspectives and Applications. Intech Publishing House, Croatia, 224p.

Al-Juboury, A.I. (2018) Contributions to Mineralization, InTechOpen Publishing House, London, 228p  
Ahmed N Al Fattah, Ali I Al-Juboury, Imad M. Ghafor, (2017) Paleocene Eocene Thermal Maximum (PETM) of Northern Iraq, Lambert Academic Publishing, Mauritius, 212p.

Al-Juboury, A.I. (2018) Gas Shale, New aspects and technologies, InTechOpen Publishing House, London, 99p.

Al-Juboury, A.I. (2020) Mineralogy, Significance and Applications, InTechOpen Publishing House, London, 159p.

**List of Publications****A :Published**

**106** Ali I. Al-Juboury, Fouad M. Qader, James Howard, Stephen J. Vincent, Aboosh Al-Hadidy, Bindra Thusu, Matthew. N.D. Kaye and Benoit Vautravers (2021) Organic and inorganic geochemical and mineralogical assessments of the Lower Silurian Akkas Formation, Western Iraq. *Journal of Petroleum Geology*, Wiley (Accepted).

Al-Miamary, F.A. Ali I. Al-Juboury and Safwan Fathi Al-Lhaebi (2020) Sedimentological and biological evidences of Oceanic anoxic event (1d), within upper Balambo Formation (Lower Albian), northwestern Iraq, *Iraqi National Earth Science Journal* (Accepted)

Safwan Fathi Al-Lhaebi, S.F., Al-Juboury, A.I. and Al-Miamary, F.A. (2020) Sedimentological, paleontological and mineralogical evidences for oceanic anoxic event-2 (OAE-2) in the Gultari Formation (Early Turonian), northeastern Iraq, *Iraqi National Earth Science Journal* (Accepted)

Al-Juboury, A., Howard, J.P., Vincent, S.J., and Nichols, G. (2021) Petrography, diagenesis and geochemistry of the Cambro-Ordovician Khabour sandstones, Western Iraq: Implications for reservoir quality and the impact of the Hirnantian glaciation, *Marine and Petroleum Geology*, Elsevier, 123, doi.org/10.1016/j.marpetgeo.2020.104733

Safwan Fathi Al-Lhaebi, Omar Ahmed Al-Badrani, Ali Ismail Al-Juboury and Azam Mahanipour (2020) Paleoclimatic insights on the Cenomanian-Turonian Oceanic Anoxic Event (OAE2) from northern Iraq based on calcareous nannofossils and geochemical data. *Iraqi Geological Journal*, 53, (2C): 68-86.

Sarmad A. Ali, Yousif Mohammad, Fadhil A. Lawa, Mushir M. Baziany and Ali I. Al-Juboury (2020) Early Cretaceous calciturbidites facies from Zagros Fold–Thrust belt: a key to paleogeography and environment of northeast Arabian Platform Passive Margin, examples from Kurdistan Region, Northeast Iraq: Discussion, *Carbonate and Evaporite*, Springer, 35:81https://doi.org/10.1007/s13146-020-00617-1

Ali I. Al-Juboury, Andrew Morton, Waleed S. Shingaly, James Howard, Bindra Thusu, Stephen Vincent, and Mark Fanning (2020) Stratigraphy and age revision of the Pirispiki Formation, Kurdistan Region, Northern Iraq. *Arabian Journal of Geosciences*, Springer, 13 (14), 1-15.

Ali I. Al-Juboury, James Howard, Bindra Thusu, Gary Nichols, Stephen J. Vincent, Matthew. N.D. Kaye and Benoit Vautravers (2020) Mineralogy, geochemistry and source potential of shale in the Cambro-Ordovician Khabour Formation, Iraq, *Journal of African Earth Sciences*, Elsevier, 170, doi.org/10.1016/j.jafrearsci.2020.103901

Ali I. Al-Juboury, Salim H. Hussain, Tom McCann and Thamer A. Aghwan (2020) Clay mineral diagenesis and red bed colouration: An SEM study of the Gercus Formation (Middle Eocene), northern Iraq. *Geological Journal*, Wiley, Vol. 55 (12), pp. 7977-7997, DOI: 10.1002/gj.3915.

Naghham Omar, Tom McCann, Ali I. Al-Juboury, and Sven Oliver Franz (2020) Petrography and geochemistry of the Middle-Upper Jurassic Banik section, northernmost Iraq: Implications for palaeoredox, evaporitic and diagenetic conditions. *Neues Jahrbuch für Geologie und Paläontologie* 297 (2), 125-152.

Ahmed N. Al-Fattah, Ali I. Al-Juboury and Imad M. Ghafor (2020) Significance of foraminifera during the Paleocene-Eocene thermal maximum (PETM) in the Aali and Kolosh formations, Northern Iraq. *Iraqi Bulletin of Geology and Mining*, Vol. 16 (2), pp. 33-50

Al-Miamary, Falah A. Al-Badrani, Omar A. and Al-Juboury, Ali I. (2020) Calcareous nannofossils and chemostratigraphy of the early Aptian Oceanic anoxic Event 1A, from northern Iraq. *Bulletin of the Iraq Natural History Museum*, 16 (1), 95-111.

Ali I. Al-Juboury, Rana A. Mahmood and Abulaziz M. Al-Hamdani (2020) Middle Miocene evaporites from northern Iraq: Petrography, geochemistry and cap rock efficiency, In: Miloš, Rene (Ed) *Geochemistry*, IntechOpen publishing, London, UK, (Accepted).

Ahmed N. Al-Fattah, Ali I. Al-Juboury and Imad M. Ghafour (2020) Paleocene-Eocene Thermal Maximum record of northern Iraq: A multidisciplinary indicators and environmental scenario. *Jordan Journal of Earth and Environmental Sciences*, JJEES, Vol. 11 (2), pp. 126-145

Ali I. Al-Juboury, Mohammed A. Al-Haj, Adrian Hutton, Brian Jones (2020) Clay minerals and organic matter from deeply buried Ordovician-Silurian shale in western Iraq: implications for maturity and hydrocarbon generation, *Iraqi Journal of Science*, 61 (11), 3006-3023.

Jan Petřík, Karel Nováček, Dalibor Všianský, Ali I. Al-Juboury and Karel Slavíček (2020) Islamic glazed pottery from Adiabene (Iraq, Kurdistan): multianalytical research into its technological development and provenance. *Archaeological and Anthropological Sciences, Springer*, 12:19, doi.org/10.1007/s12520-019-01002-3

Hasan J. Ashkanani, Robert H. Tykot, Ali Ismail Al-Juboury and Ciprian C. Stremtan (2020) A Characterization Study of Ubaid period Ceramics from As-Sabbiya, Kuwait, Using a Non-Destructive Portable X-Ray Fluorescence (pXRF) Spectrometer and Petrographic Analyses, *Arabian Archaeology and Epigraphy, Wiley*, Vol. 3(1), pp. 3-18. DOI: 10.1111/aae.12143

Mohsin M. Ghazal, Ali I. Al-Juboury and Sabhan M. Jalal (2020) Mineral chemistry of Chalki basalts in northern Iraq and their petrological significance. In: Ali-Juboury, A.I., (Ed.), *Mineralogy - Significance and Applications, InTech Open, London*, DOI: 10.5772/intechopen.89861.

A.I. Al-Juboury, J. P. Howard, G. Nichols, S. Vincent, C. Manning and B. P. Vautravers (2019) Sedimentology, geochemistry and reservoir potential of sandstones in the Silurian Akkas Formation, Western Iraq. *Journal of Petroleum Geology, Wiley*, Vol. 42(3), pp 261-280.

Mohammed A. Al-Hajj, Ali I Al-Juboury, Aboosh H. Al-Hadidy, and Dalia, K. Hassan (2019) Cenomanian-early Campanian carbonate reservoir rocks of northwestern Iraq: diagenesis and porosity development. *Al-Kitab Journal for Pure Science*, Vol.2 (2), 1-19.

Al-Fattah, A.N., Al-Juboury, A.I. and Ghafour, I.M. (2018) Rock magnetic properties during the Paleocene-Eocene Thermal Maximum (PETM): Record from P/E boundary sections (Sinjar, Shaqlawa) in Iraq, *Iraqi National Journal of Earth Sciences* vol. 18, no. 1 pp. 55-74.

Mohammed A. Al-Hajj and Ali I. Al-Juboury (2018) Clay minerals of upper Cretaceous (Shiranish Formation) and lower Tertiary (Kolosh Formation) at selected sections from north Iraq. *Tikrit Journal of Pure Sciences*, 23 (1), pp. 114-122.

Ali Ismail Al-Juboury and Muhammed Abed Mazeel Thani (2018) Silurian gas-rich “Hot Shale” from Akkas gas field, Western Iraq: Geological importance and updated hydrocarbon potential and reservoir development estimations of the field. In Al-Juboury A.I. (ed.) *Shale Gas- New Aspects and Technologies, ISBN 978-953-51-5949-0 InTech Open* (London), 2018, pp. 41-66

Ali Ismail Al-Juboury, Waleed Shingaly, Elias M Elias and Mohsin M. Ghazal (2018). Lead-Zinc-Iron Sulfide mineralization at Northern Iraq. In: Al-Juboury A.I., *Contributions to Mineralization (Edited book), InTech, Croatia*, pp. 67-88

Sardar M. Balaky, Irfan Sh. Asaad and Ali Ismail Al-Juboury, (2016) Facies analysis and sequence stratigraphy of Kometan Formation (Upper Cretaceous) in the imbricated zone, northeastern Iraq, *Arabian Journal of Geosciences, Springer*, 9:1-17 DOI 10.1007/s12517-016-2794-y

Eduardo Garzanti, Ali Ismail Al-Juboury, Yousef Zoleikhaei, Pieter Vermeesch, Jaafar Jotheri, Dicle Bal Akkoca, Mark Allen, Sergio Andó, Mara Limonta, Marta Padoan, Alberto Resentini, Martin Rittner, Giovanni Vezzoli (2016) The Euphrates-Tigris-Karun river system: provenance, recycling and dispersal of quartz-poor foreland-basin sediments in arid climate, *Earth Science Review, Elsevier*, 162, pp. 107-128.

Al-Hajj, M.A., Al-Juboury, A.I. and Al-Hadidy, A.H., (2016) Facies analysis and depositional environment of Gir Bir Formation, northwest Iraq, *Scientific Journal of Sulaimania University*, Kurdistan, Iraq, Special Issue, GeoKurdistan II, 373-389.

Naqishbandi, S.F., Jabbar, W. J. and Al-Juboury, A.I. (2015) Hydrocarbon potential and porosity types of the Geli Khana Formation (Middle Triassic), Northern Iraq. *Arabian Journal of Geosciences*, Springer, v. 8 (2), pp. 739-758.

Muatasam M. Hassan, Brian G. Jones, Solomon Buckman, Ali I. Al-Juboury and Sabah A. Ismail (2015) Source area and tectonic provenance of Paleocene-Eocene red bed clastics from the Kurdistan area NE Iraq: Bulk-rock geochemistry constraints. *Journal of African Earth Sciences, Elsevier*, 109, pp. 68-86

Waleed S. Shingaly, Ali I Al-Juboury, Elias M. Elias (2015) The role of carbonate-host rocks on the genesis of lead-zinc deposits in Kurdistan Region, Northern Iraq, *Journal of Tethys*, Vol. 3, No.1, pp.31-47.

Waleed S. Shingaly, Ali I. Al-Juboury and Elias M. Elias (2014) Facies analysis and Mineralization in the Upper Cretaceous Bekhme Formation, Northern Iraq, *Stratigraphy and Sedimentology of Oil-Gas Basins, Azerbaijan*, No. 2, pp. 38-50.

Waleed S. Shingaly, Ali I Al-Juboury, Elias M. Elias (2014) Dolomite textures in the Upper Cretaceous carbonate-hosted Pb-Zn deposits, Zakho, N Iraq. *Arabian Journal of Geosciences*, Springer, vol.7 (8), pp. 3163-3174.

Al-Juboury, A.I., Al-Haj, M.A. and Jabbar, W.J. (2014) Facies analysis and depositional environment of the Geli Khana Formation (Middle Triassic), Northern Iraq. *Arabian Journal of Geosciences*, Springer, DOI 10.1007/s12517-014-1558-9

Muatasam Hassan, Brian Jones, Ali Al Juboury, Sabah A Ismail, Abdual Salalm Mehdi Saleh and Fahad M. Al Gahtani (2014) Geochemistry of Paleogene Red Beds in the northern Iraq foreland basin: Evidence for provenance. *International Journal of GEOMATE*, Japan, v. 7, No.1, Serial 13, pp. 938-944.

Al-Naqib, S.Q. and Al-Juboury, A.I. (2014) A new look on the Jurassic formations of western part of Iraq, *Arabian Journal of Geosciences*, Springer, vol 7 (2), pp. 559-588.

Mutasam Hassan, Brian Jones, Solomon Buckman, and Ali Al Juboury, Fahad M. Gahtani (2014) Provenance of Paleocene-Eocene Red Beds from NE Iraq: constraints from framework petrography, *Geological Magazine*, Cambridge University Press, UK, doi:10.1017/S0016756813001064.

Ali. I. Al-Juboury, Tom McCann (2013) Petrological and geochemical interpretation of Triassic-Jurassic boundary sections from north Iraq. *Geological Journal, Wiley*, DOI: 10.1002/gj.2537

Sahraeyan, M., Bahramin, M., Hooshmand, M., Ghazi Sh. and Al-Juboury, A.I. (2013) Sedimentary facies and diagenetic features of the early Cretaceous Fahliyan Formation in the Zagros basin-Thrust belt, Iran. *Journal of African Earth Sciences, Elsevier*, vol. 87, pp. 59-70.

Loydell, D.K., Butcher, A. and Al-Juboury, A.I. (2013) Biostratigraphy of a Silurian 'hot' shale from western Iraq, *Stratigraphy*, vol. 10, no. 4, pp. 249-255.

Eduardo Garzanti, Pieter Vermeesch, Sergio Andò, Giovanni Vezzoli, Manuel Valagussa, Kate Allen, Khalid A. Khadi, Ali I.A. Al-Juboury (2013) Provenance and recycling of Arabian desert sand, *Earth Science Review*, Elsevier, vol.120, pp. 1-19.



Stolle, E., Nader, A.D., Al-Juboury, A.I., Al-Hadidy, A.H., Abu Hamad, A., Dimitrova, T.H. (2014) High-resolution palynostratigraphy, Northern Arabian Plate – A correlation tool for clastic sequences. AAPG International Conference and Exhibition, Istanbul, Turkey.

Ali I. Al-Juboury, Abdulsalam M.S. Al-Tarif, Sabar A. Salih and Jabir H. Ulaiwi (2013) Development of Saline Lakes in the Shirqat Area, South of Mosul, Iraq, The Iraq Research and Development Initiative Round 1 & 2, Arab Science and Technology Foundation, Sharjah, UAE, volume 1, pp. 40-59.

Adil A. B. Al-Hamdani, Anas M. M. Rasheed, Thair M. Altaiee and Ali I. Al-Juboury (2013) Estimating Sediment Yield in an Artificial Lake using Remote Sensing and Empirical Data. The Iraq Research and Development Initiative, Round 1 & 2, Arab Science and Technology Foundation, Sharjah, UAE, volume 1, pp. 60-78.

Al-Juboury, A.I. Nabil Y. Al-Banna and Dana N.R. Barzinjy (2012) Sequence Stratigraphy of the late Devonian-early Carboniferous (Kaista and Ora formations), North Iraq, *Stratigraphy and Sedimentology of Oil-Gas Basins, Azerbaijan*, No.9, pp.18-36

Al-Juboury, A.I. (2012) A Combined Petrological-Geochemical Study of the Paleozoic Successions of Iraq. In: Al-Juboury, A.I. *Petrology, New Perspectives and Applications* (ed.) In Tech Publishing House, Croatia, pp.169-198.

Sabar A. Salih, J.H. Ulaiwi, A.M.S. Al-Tarif and A.I. Al-Juboury (2012) Morphometric, hydrogeologic and hydrochemical analyses of solar saltwork pond region, in Meha, northeast Sharqat, Iraq. *Journal of Geographic Information System, USA*, 4, 86-95.

Mahmood, A.M. and Al-Juboury, A.I. (2011) Facies Analysis of the Kolosh Formation (Paleocene-Lower Eocene), North Iraq, *Stratigraphy and Sedimentology of Oil-Gas Basins, Azerbaijan*, 1, pp.31-39.

Al-Juboury, A.I., McCann, T., Jones, B. Hutton, A. and Al-Hadidy, A.H., (2010) Depositional and burial history controls on the diagenetic evolution of interbedded sandstones and shale :Application on the Ordovician Khabour Formation, western Iraq. *Stratigraphy and Sedimentology of Oil and Gas Basins, (special issue)*, 4, pp.45-63.

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