Aahed Younis Al-Mallah

Geology and Geochemistry

Mosul University , Iraq

Details

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Ahid_y @yahoo.com

DATE / PLACE OF BIRTH

1961

IRAQ

Social Profiles

ResearchGate

https://www.researchgate.net/profile/Ahid_Al-Mallah

Profile

More than 27 years as a knowledgeable and effective geology and geochemist working with individual, group, and facilities, with extensive experience in applied geochemistry , applied clay science , environmental geochemistry , organic geochemistry and analytical geochemistry .

Employment History

Lecturer at University of Tikret, IRAQ

2005 –2010

Lecturer at University of Mosul , IRAQ

2010-

Education

Doctor of Philosophy in Geochemistry , Mosul University, Iraq

1999

The Application of Certain Organic and Inorganic Compounds Intercalation into Kaolinite of the Economic Kaolin Clays (Permocarboniferous and Jurassic) in the Western Desert of Iraq

Master of Science (M.Sc.) in Geochemistry, University of Mosul, IRAQ

1989

Mineralogy and Geochemistry of clay and it's Associated Rocks at Traifawi Area, Western Desert, Iraq

Bachelor of Science (B.Sc.) in Geology , University of Mosul, IRAQ

1982-1983

Courses

Training symposium on the Environmental Geology of Mosul City . Continuous Education . Earth Sciences Department University of Mosul.

2013

References

Professor Dr. ***Salim Al-Dabbagh*** from Mosul University

drsalim_aldabbagh@yahoo.com

Assist Professor Dr. ***Kotayba Al Youzbakey*** from Mosul University

kotaybatawfiq@gmail.com

Skills

Clay minerals and their chemistry

Layered material and intercalation chemistry

Industrial minerals

Analytical geochemistry

Supervisory & Teaching

Languages

Arabic

English

Inventions

Patent No 2946 on 29th August 2001
International classification:

CO 4B41/45
CO 4B24/12

"The uses of Urea Intercalation Reaction into Kaolinite Mineral for improvement of Dry strength and Plasticity Properties of Iraqi Kaolin Clay (Permorcarbniferous and Jurassic), Western desert, Iraq"

Patent No 2973 on 6th October 2001
International Classification:-

CO 1Bc33/28
CO 2F1/62

"The uses of Iraqi Kaolin Clay in the Preparation of Non-crystalline Zeolitic Material with Composition Approximate to Carnigieite by using Sodium Carbonate> Intercalation Reaction and it's Significance in the Purification of Lead Polluted water "

Patent No 3044 on 22nd of April 2002.
International classification: -

CO 3C3/083
CO 3C6/02
CO 3C4/20

"The uses of Iraqi Kaolin clay in the Preparation of Polymorph Phases (NaAlSiO4) and its Significance in Glass Industry "

Conferences

The 2nd geological conference (2012), Mosul University, Iraq

The 1st International conference for condensed matter physics (CMp-1)(2010), Homs ,Syria

1st Scientific conference for pure science (2009) , University of Kirkuk

The 3rd Euro- Asian conference on hazardous waste and human health (2008),Istanbul ,Turkey

The 6th international conference on geochemistry (2004), Alexandria , Egypt

15th Iraq geological congress (2002),Baghdad ,Iraq

Refractories Symposium (2001), Baghdad, Iraq

The 14th Iraqi geological congress (2000), Baghdad, Iraq

The first Iraqi conference on glass and ceramics (1999), Baghdad, Iraq

4th International conference on the geology of the middle east(1998),Beirut ,Lebanon

The 13th Iraqi geological congress (1998), Baghdad, Iraq

Symposium

Refractories Symposium (2001), Baghdad, Iraq.

Symposium on economic kaolin and silica deposits of Iraq and industrial uses (2001) , Mosul ,Iraq

Symposium on mineral resources in Nineveh Governorate : reality and investment(2019), Mosul , Iraq

Resent Publications

Al-Mallah, A. and Ghanim, Y. (2017) Uses of intercalation reactions for modification the structure of smectite mineral of bentonite (Maastrichtian and Danian) western desert / Iraq . Journal Tikrit of Pure Sciences , Tikrit Univ. 22(7) pp 115-124.

AL-Dabbagh,S. and Al-Mallah, A. (2016) Estimation of mass absorption coefficient using incoherent scattering intensity of W, Mo ,Cr and Au X-ray tube line. Kirkuk University Journal / scientific studies vol 11 pp 1-18.

Al-Mallah, A. and AL-Dabbagh,S. (2014) Method of correction of trace elements analysis in sedimentary geological materials by X-ray fluorescence technique Tikrit journal of Pure Sciences. Tikrit Univ.2(19) 130-135.

AL-Dabbagh,S. and Al-Mallah, A. (2001) The uses of Iraqi Kaolin clay in the preparation of zeolitic carnigieite and it's environmental significance . J. Rafidian Sciences vol.1 No.1 pp. 1-10.

Al-Mallah, A. and AL-Dabbagh,S. (2001) Preparation of material alternative to sodium feldspar from Iraqi kaolin clay (permocarboniferous) exposed at the western Desert and it's significance in glass industry Proc. Refractory symposium, Baghdad, Iraq (2001).

AL-Dabbagh,S. and Al-Mallah, A. (2000) The uses of Iraqi Kaolin clay in the preparation of polymorph phases (NaAlSio4) and it's significance in glass industry. J. Rafidian Sci. vol. 12 No. 1 pp.118-133.

Al-Mallah, A.(2009) Improvement of properties of Iraqi bentonite for foundry moulding sands. Journal Tikrit of Pure Sciences . Tikrit Univ..

Al-Mallah, A.(2009) Uses of Iraqi flint clay as a carrier in the production of Diazinon granular pesticide. Kirkuk University Journal / scientific studies.

Al-Mallah, A. and AL-Dabbagh,S. (1992) The Local Stone "Algeal-Composition, Genesis and Uses". Babel News paper. Published on May 13, Baghdad, Iraq.

Al-Mallah, A. and AL-Dabbagh,S. (1990) Chemistry and mineralogy of the black laminea (Mn phases) associated with claystone of Fatha formation (middle Miocene) exposed at the outskirt of Mosul city, northern Iraq. J. Rafidain Science, vol. 10 No.1, pp. 24-40.