

 [Institutional info](#)

Scopus 20

Empowering discovery since 2004



University of Mosul

Al Majmoaa Street, Mosul, Nineveh, Iraq  60071150

9,142

Documents 

5,070

Authors

[Set document alert](#) [Give feedback](#)

Documents

Structure

Collaborators
New

Sustainable Development Goals 2023

New: See at one glance Sustainable Development Goals mapped to this organisation

Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. Elsevier data science teams have built extensive keyword queries, supplemented with machine learning, to map documents to SDGs with very high precision. Times Higher Education (THE) is using Elsevier SDG data mapping as part of its Impact Rankings. [More about SDGs](#) ↗

[< Back](#)

263 documents for *Clean water and sanitation*

Article • [Open access](#)

Field Electrical Conductivity (EC) Mapping of a Selective Irrigated Units at Northern Al-Jazirah Irrigation Project, Iraq Using GIS and GPS Techniques

Ali, S.H., Ahmed, A.M., Daood, N.A.

Iraqi National Journal of Earth Science, 2019

Article • [Open access](#)

Application of WQI Model to Assessment of Water for Irrigation and Livestock Drinking Purpose: The Case Study, Ground Water Quality of Gleewkhan Village Southeastern of Mosul City Iraq

Alsinjari, W.E., Al-Saffawi, A.Y.T., Al-Tae, Y.A.J.

ARPN Journal of Engineering and Applied Sciences, 2019

Article

The application level of agricultural extension recommendations for the drip irrigation technology in Rabi District, Ninawa Governorate, Iraq

Altalib, A.A.T.

Plant Archives, 2019

Article • Open access

Water quality of Nimrud District wells southeast of Mosul city for drinking and civil purpose using the Canadian model of water quality

Al-Saffawi, A.Y.T.

Pakistan Journal of Analytical and Environmental Chemistry, 2019

Article • Open access

Groundwater assessment at east side of Mosul city during 2014-2017

Al-Ozeer, A.Z., Fakhr Aldeen Ahmed, M.F.

Scientific Review Engineering and Environmental Sciences, 2019

Conference Paper

Investigation of the response mechanisms of halophilic and mixed culture aerobic granular sludge under hypersaline conditions

Ibrahim, A.I., Hiripitiyage, Y.D., Peltier, E.F., Sturm, B.S.S.

91st Annual Water Environment Federation Technical Exhibition and Conference, WEFTEC 2018, 2019

Article

Effect of zinc sulphate and cadmium chloride on heat shock protein 70 and some sex hormones in adult male rabbits

Abdulwahid, A.J., Hassan, A.A.

Iraqi Journal of Veterinary Sciences, 2018

Article

Effect of inclination angle, dimensions of impeller blades, and velocity gradient on the efficiency of water flocculation

Shihab, A.S., Hamad, A.T.

International Journal of Civil Engineering and Technology, 2018

Article

Evaluation of single reservoir performance for flood risk reduction using a developed simulation model: Case study of Makhoul reservoir

Al-Aqeeli, Y.H., Abd Aziz, S.B., Yusuf, B.B., Aimrun, W.

***Pertanika Journal of Science and Technology*, 2018**

Article • Open access

Two scenarios for landfills design in special conditions using the HELP model: A case study in Babylon Governorate, Iraq

Chabuk, A.J., Al-Ansari, N.A., Ezz-Aldeen, M., ...Hussain, H.M., Knutsson, S.

***Sustainability (Switzerland)*, 2018**

Article • Open access

The influence of magnetized water on soil water dynamics under drip irrigation systems

Al-Ogaidi, A.A., Aimrun, W., Rowshon, M.K., Abdullah, A.F.

***Agricultural Water Management*, 2017**

Article • Open access

Disaggregation of annual to monthly streamflow: A case study of Kizilirmak Basin (Turkey)

Al-Zakar, S.H., S¸arlak, N., Mahmood Agha, O.M.

***Advances in Meteorology*, 2017**

Article • Open access

Empirical parameterization of solar still performance

Azooz, A.A., Younis, G.G.

***Desalination and Water Treatment*, 2017**

Article

Wetting patterns estimation under drip irrigation systems using an enhanced empirical model

Al-Ogaidi, A.A., Aimrun, W., Rowshon, M.K., Abdullah, A.F.

***Agricultural Water Management*, 2016**

Article

Lead isotope fingerprinting used as a tracer of lead pollution in marine sediments from Botany Bay and Port Hacking estuaries, southern Sydney, Australia

Alyazichi, Y.M., Jones, B.G., McLean, E.J.

***Regional Studies in Marine Science*, 2016**

Article

Effect of glass inclination angle on solar still performance

Azooz, A.A., Younis, G.G.

***Journal of Renewable and Sustainable Energy*, 2016**

Article

Ground penetrating radar in civil engineering application: Case study of multistorey building foundation site to mapping subsurface features at the center of karbala governorate, Iraq

Al-Heety, A.J., Al-Khalidy, A.A., Al-Khafaji, A.J.

***Iraqi Geological Journal*, 2016**

Article

Micro-computed tomography evaluation of the removal of calcium hydroxide medicament from C-shaped root canals of mandibular second molars

Ma, J., Shen, Y., Al-Ashaw, A.J., ...Peng, B., Haapasalo, M.P.P.

***International Endodontic Journal*, 2015**

Article

Determination of radon, uranium and other radioactive isotopes' concentration in different types of natural water in Nenava governorate

Saeed, S.H., Hassan, S.Y.

***Jordan Journal of Physics*, 2015**

Article • Open access

A modified empirical model for estimating the wetted zone dimensions under drip irrigation

Al-Ogaidi, A.A., Aimrun, W., Rowshon, M.K., Abdullah, A.F.

***Jurnal Teknologi*, 2015**

Article

Secchi disc visibility and its relationship with water quality parameters in the photosynthesis zone of Mosul Dam Lake, Northern Iraq

Khattab, M.F., Merkel, B.J.

***FOG - Freiberg Online Geoscience*, 2015**

Article • Open access

Histopathological changes in mice infected with river water contaminated by *Pasteurella Multocida* type B:2

Khaleel, M.M., Jesse, F.F.A., Adamu, L., ...Saad, M.Z.B., Omar, A.R.

***American Journal of Animal and Veterinary Sciences*, 2014**

Article

Application of landsat 5 and landsat 7 images data for water quality mapping in Mosul Dam Lake, Northern Iraq

Khattab, M.F., Merkel, B.J.

***Arabian Journal of Geosciences*, 2014**

Article

Subacute cholinesterase inhibition and behavioral effects of chlorpyrifos experimentally supplied via drinking water in chicks

Al-Baggou, B.K.

***Human and Veterinary Medicine*, 2014**

Article

Water harvesting and reservoir optimization in selected areas of South Sinjar Mountain, Iraq

Al-Ansari, N.A., Ezz-Aldeen, M., Knutsson, S., Zakaria, S.M.

***Journal of Hydrologic Engineering*, 2013**

Article • Open access

The study of using effective microorganisms (EM) on health and performance of broiler chicks

Jwher, D.M.T., Abd, S.K., Mohammad, A.R.

***Iraqi Journal of Veterinary Sciences*, 2013**

Article

Effect of Synertox® on broiler health and performance during aflatoxicosis

Shareef, A.M., Omar, E.K.S.

***Iraqi Journal of Veterinary Sciences*, 2012**

Conference Paper

Trends in streamflow magnitude and timings in Satluj River basin

Sharif, M., Archer, D.R., Hamid, A.T.

***World Environmental and Water Resources Congress 2012: Crossing Boundaries, Proceedings of the 2012 Congress*, 2012**

Book

Rainwater harvesting for agriculture in the dry areas

Oweis, T., Prinz, D., Hachum, A.Y.

***Rainwater Harvesting for Agriculture in the Dry Areas*, 2012**

Article

Evapotranspiration and water use of full and deficit irrigated cotton in the Mediterranean environment in northern Syria

Oweis, T., Farahani, H.J., Hachum, A.Y.

***Agricultural Water Management*, 2011**

Article

Assessment of using chemical coagulants and effective microorganisms in sludge dewaterability process improvement

Shihab, M.S.

***Journal of Environmental Science and Technology*, 2010**

Article

Storage-yield evaluation and operation of Mula reservoir, India

Srivastava, D.K., Awchi, T.A.

***Journal of Water Resources Planning and Management*, 2009**

Article • Open access

Analysis of drought and storage for Mula project using ANN and stochastic generation models

Awchi, T.A., Srivastava, D.K.

***Hydrology Research*, 2009**

Article

Contamination risk of water quality on fisheries and aquatic life of tigris river reach in Mosul City/Noth Iraq

Al-Salim, T.H.

***Nutrition and Health*, 2008**

Article

Cluster analysis classification of groundwater quality in wells within and around Mosul city, Iraq

Shihab, A.S., Hashim, A.

***Journal of Environmental Hydrology*, 2006**

Conference Paper

Using computer systems to predict the changes in groundwater elevations due to recharge from rainwater harvesting

Hasan, A.A., Rasheed, A.M.M.

IAHS-AISH Publication, 2006

Article

Distribution of rainfall, runoff and soil moisture storage in the low rainfall zone of northern Iraq

Hussein, M.H., Awad, M.M., Abdul-Jabbar, A.S.

Journal of Environmental Hydrology, 2005

Article • Open access

Effect of organic loading on rotating biological contactor efficiency

Al-Ahmady, K.K.

International Journal of Environmental Research and Public Health, 2005

Article • Open access

Contribution of man - Made activities to the pollution of the Tigris within Mosul area/IRAQ

Al-Rawi, S.M.

International Journal of Environmental Research and Public Health, 2005

Article

Lentil production under supplemental irrigation in a Mediterranean environment

Oweis, T., Hachum, A.Y., Pala, M.

Agricultural Water Management, 2004

Article

Water use efficiency of winter-sown chickpea under supplemental irrigation in a mediterranean environment

Oweis, T., Hachum, A.Y., Pala, M.

Agricultural Water Management, 2004

Article

Reducing peak supplemental irrigation demand by extending sowing dates

Oweis, T., Hachum, A.Y.

Agricultural Water Management, 2001

Article

Phosphorus and nitrogen losses associated with runoff and erosion on an Aridisol in northern Iraq | Pertes en phosphore et en azote dues au ruissellement et à l'érosion dans le nord de l'Irak

Hussein, M.H., Hussein, A.J., Awad, M.M.

***Hydrological Sciences Journal*, 1999**

Article

Irrigation and tillage management effects on solute movement

Bandaranayake, W.M., Butters, G.L., Hamdi, M.R., Prieksat, M.A., Ellsworth, T.R.

***Soil and Tillage Research*, 1998**

Article

Field Evaluation of Activated Sludge System

Al-Rawi, S.M.

***Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, 1997**

Article

Economical evaluation of using polymers with alum for turbidity removal in water treatment

Al-Layla, M.A.A., Al-Ani, M.Y., Shihab, A.M.S.

***Journal of Environmental Science and Health. Part A: Environmental Science and Engineering and Toxicology*, 1994**

Article

Predicting rainfall-runoff erosivity for single storms in northern Iraq

Hussein, M.H., Awad, M.M., Abdul-Jabbar, A.S.

***Hydrological Sciences Journal*, 1994**

Article

Effect of Nitrogen and Phosphate on the Activated Sludge Efficiency in Domestic Wastewater Purification

Al-Tayyar, T.A.

***Journal of Environmental Science and Health. Part A: Environmental Science and Engineering and Toxicology*, 1993**

Article

Evaluation of the role of biological treatment in removing various wastewater pollutants

Al-Rawi, S.M., Al-Tayar, T.A.

Journal of Environmental Science and Health. Part A: Environmental Science and Engineering and

Toxicology, 1993

Article

Comparative study for tigris river water quality/ninevah district

Al-Lavla, M.A., Kharrufa, S.N., Al-Tayar, T.A.

Journal of Environmental Science and Health. Part A: Environmental Science and Engineering and Toxicology, 1991

Article

Effect Of Saddam Dam On Tigris River Water Quality

Al-Laula, M.A., Kharrufa, S.N., Akrawi, S.M.

Journal of Environmental Science and Health. Part A: Environmental Science and Engineering and Toxicology, 1990

Article

Evaluation of septic tanks performance in some parts of mosul city in iraq

Al-Layla, M.A.A., Al-Rawi, S.M.

Journal of Environmental Science and Health . Part A: Environmental Science and Engineering, 1989

Article

Studies of dual-media filtration of the tigris river used for drinking water. Mathematical relationships

Al-Layla, M.A.A.

Journal of Environmental Science and Health . Part A: Environmental Science and Engineering, 1989

Article • Open access

A water quality model for the tigris river downstream of sadam dam, Iraq | Un modèle de qualité de l'eau pour le Tigre en aval du barrage de saddam en Iraq

Al-Layla, M.A.A., Al-Rizzo, H.M.

Hydrological Sciences Journal, 1989

Article

Impact of Mosul Textile Factory Effluents on Tigris River Water Quality

Al-Layla, M.A.A.

Journal of Environmental Science and Health . Part A: Environmental Science and Engineering, 1988

Article

Some problems associated with brewery and dairy water discharges

Khayat, M.N., Mahmoud, T.A., Abbawi, S.A.

Environment International, 1986

Article

Antibiotic-resistant *Escherichia coli* in raw sewage and in polluted water from the river Tigris

Al-Jebouri, M.M., Al-Meshhadani, N.S.

Microbios Letters, 1986

Article

Wastewater from a sugar refining industry

Ahmad, S., Mahmoud, T.A.

Water Research, 1982

Conference Paper

Ground water quality in Northern Iraq

Mahmoud, T.A.

Studies in Environmental Science, 1981

Article

Spectrophotometric determination of nitrite in waters

Flamerz, S., Bashir, W.A.A.

The Analyst, 1981

Article

A water quality study of a stretch of the River Tigris

Tariq Ahmad Mahmoud,, Ahmad, S.

Water Research, 1979

Article

Effect of temperature on algal removal from wastewater stabilization ponds by alum coagulation

Al-Layla, M.A.A., Middlebrooks, E.J.

Water Research, 1975

Article

The effect of change of source of drinking water supply on the prevalence of goitre in Tell Afar

Abdul Mawjoud, A.I., Al-Dabbagh, T.Q.

Annals of the College of Medicine Mosul, 1971

About Scopus

[What is Scopus](#)[Content coverage](#)[Scopus blog](#)[Scopus API](#)[Privacy matters](#)

Language

[日本語版を表示する](#)[查看简体中文版本](#)[查看繁體中文版本](#)[Просмотр версии на русском языке](#)

Customer Service

[Help](#)[Tutorials](#)[Contact us](#)

ELSEVIER

[Terms and conditions](#) [Privacy policy](#) [Cookies settings](#)

All content on this site: Copyright © 2024 [Elsevier B.V.](#) [↗](#), its licensors, and contributors. All rights are reserved, including those for text and data mining, AI training, and similar technologies. For all open access content, the relevant licensing terms apply.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the [use of cookies](#) [↗](#).

