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Environmental Hydrology, Environmental pollution, Soil and water pollution, Water quality assessment.

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Publications	Year
Biochar from date palm waste, production, characteristics and use in the treatment of pollutants: A Review AHF Tahir, AHMJ Al-Obaidy, FH Mohammed IOP Conference Series: Materials Science and Engineering	2020
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3D Filtration Membrane prepared from ceramic G Abd Ali, R Al-Anbari, AH Al-Obaidy IOP Conference Series: Materials Science and Engineering	2020
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Improving the Properties of Main Drainage Water by Using of Magnetic Field Technique OH Kareem, AHMJ Al-Obaidy, RH Al-Anbari Engineering and Technology Journal 37 (6A), 195-200	2019
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<p>Geochemical Evaluation of Heavy Metals (Cd, Cr, Fe, and Mn) in Sediment of Shatt Al-Basrah, Iraq  ZZ Al-Janabi, SR Zaki, JS AlHassany, AHMJ Al-Obaidy, ES Awad, ...  Engineering and Technology Journal 37 (1C), 237-241</p>	2019
<p>Reducing Total Petroleum Hydrocarbon from Soil Polluted with Iraqi Crude Oil by Phytoremediation Technology  AHMJ Al-Obaidy, RH Al-Anbari, SM Hassan  Engineering and Technology Journal 37 (1C), 19-21</p>	2019
<p>Toxic Soil Contamination in Al Muthanna Storage Site Using Geospatial Analysis Technique  HMJA Sharaa, ART Ziboon, AHMJA Obaidy  Engineering and Technology Journal 37 (1C), 6-9</p>	2019
<p>Oil Removal from Oilfield Produced Water, North Rumaila by Combination Coagulation Flocculation and Microfiltration Technique  TJ Mohammed, ES Awad, TA Ahmed  Engineering and Technology Journal 37 (2 Part (c) special), 204-208</p>	2019
<p>Estimation of Heavy Metal Concentration for Sediments of Shatt Al-Basrah Canal by using Ecological Indices  Z Zahraw, AA Maktoof, AHMJ Al-Obaidy, LMA Kareem, E Shakir, ...  Indian Journal of Public Health Research &amp; Development 10 (1), 970-974</p>	2019
<p>Detection Of Polycyclic Aromatic Hydrocarbons Compounds Concentrations And Their Fate In Tigris River Within Baghdad City - Iraq  Sm Khalaf, Fm Hassan, Ahj Al-Obaidy  Iraqi Journal Of Agricultural Sciences 50, 231-244</p>	2019
<p>Environmental assessment of heavy metal pollution of Diyala River within Baghdad City  SNH Al-Hussaini, AHMJ Al-Obaidy, AAM Al-Mashhady  Applied Water Science 8, 87</p>	2018
<p>Evaluation of Al-Shamiyah River water quality using the Canadian Council of Ministries of the Environment (CCME) water quality index and factor analysis  FM Hassan, AHMJ Al-Obaidy, AO Shaawiat  Desalination and Water Treatment 116, 342-348</p>	2018
<p>Studies on Characterization of Sawdust for Application in a Gasification Process for Syngas Production  AHMJ Al-Obaidy  Engineering and Technology Journal 36 (10), 1022-1026,</p>	2018
<p>Assessment of pollution in water quality of oil and grease for Tigris River-Iraq by GIS mapping (2010-2016)  I Mawlood, AR Ziboon, AH Al-Obaidy</p>	2018

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Uranium <sup>235, 238, 234</sup> soil contamination in Al Tuwaitha nuclear site, using Geomatics techniques HMJ Al Sharaa, ART Ziboon, AHMJ Al Obaidy International Journal of Energy and Environment 9 (5), 449-454	2018
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Spatial Distribution and Partition Coefficient of Nutrient in Water and Sediment of Shatt Al-Basrah Canal, Iraq M Al-Khateeb, E Shakir, LM Abdul Kareem, AHMJ Al-Obaidy Mesopotamia Environmental Journal 3 (1), 25-36	2016
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