

Short Scientific CV

Name: Doaa Saleh Mahdi <u>Affiliation:</u> University of Technology Dept.: Department of Petroleum Technology Mobile: +9647500406518 <u>Research Interests:</u> My research interests are in Enhanced Oil recovery, Reservoir simulation, Drilling Engineering, Drilling fluid, CO2 injection in oil reservoirs, Oil Field development plans. <u>Your last five published Papers</u> 1. A new model for optimizing drilling variables and penetration rate. In AIP Conference Proceedings (Vol. 2443, No. 1, p. 030017). AIP Publishing LLC. 2. Reservoir scale CO2-water-rock interactions and geochemical evolution of sandstone reservoirs due to CO2 geo-storage process. In AIP Conference Proceedings (Vol. 2443, No. 1, p. 030007). AIP Publishing LLC.	Your E-mails: 150082@uotechnology.edu.iq 	
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3. Mechanisms of Miscible and Immiscible scCO₂ Displacement Efficiency: Analytical Evaluation of Experimental conditions. Iraqi Journal of Oil and Gas Research (IJOGR), 2(1), 98-107.
4. Hydrogen underground storage efficiency in a heterogeneous sandstone reservoir: Advances in Geo-Energy Research 5, no. 4 (2021): 437-443.
5. Reservoir Fluids Model for a Middle Eastern Sandstone Reservoir. Iraqi Journal of Oil and Gas Research (IJOGR), 1(1), 45-58.

Google Site: Google scholar:

<https://scholar.google.com/citations?user=T0AgvyAAA-AAJ&hl=en>

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<https://www.researchgate.net/profile/Doaa-Mahdi>

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