

## List of scientific research (Scopus)

University Name: University of Anbar

College Name : College of Engineering

Department Name : Dams and Water resources department

No.	Name of author	Paper title	Is the paper within scopus?	Published year	Journal / name conference	journal category	Paper link in the journal website
1	Ammar Hatem Kamel	NUMERICAL AND EXPERIMENTAL MODELING OF SMALL HYDROPOWER TURBINE	√	2020	ARPN Journal of Engineering and Applied Sciences	Q3	<a href="https://www.akademiarbaru.com/submit/index.php/arfmts/article/view/2082">https://www.akademiarbaru.com/submit/index.php/arfmts/article/view/2082</a>
2	Ammar Hatem Kamel	<a href="#">Modeling of runoff in the arid regions using remote sensing and geographic information system (GIS)</a>	√	2020	International Journal of Design & Nature and Ecodynamics	Q3	<a href="https://www.iieta.org/journals/ijdne/paper/10.18280/ijdne.150511">https://www.iieta.org/journals/ijdne/paper/10.18280/ijdne.150511</a>
3	Khamis Naba Sayl	A GIS-Based Multicriteria Analysis in Modeling Optimum Sites for Rainwater Harvesting	√	2020	Hydrology	Q1	<a href="https://www.mdpi.com/2306-5338/7/3/51">https://www.mdpi.com/2306-5338/7/3/51</a>

4	Khamis Naba Sayl	GIS-based approach for rainwater harvesting site selection	√	2020	IOP Conference Series: Materials Science and Engineering	Q3	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/737/1/012246/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/737/1/012246/pdf</a>
5	Khamis Naba Sayl	The application of radial basis network model, GIS, and spectral reflectance band recognition for runoff calculation	√	2020	International Journal of Design & Nature and Ecodynamics	Q3	<a href="https://doi.org/10.18280/ijdne.150318">https://doi.org/10.18280/ijdne.150318</a>
6	Khamis Naba Sayl	<a href="#">Modeling of runoff in the arid regions using remote sensing and geographic information system (GIS)</a>	√	2020	International Journal of Design & Nature and Ecodynamics	Q3	<a href="https://doi.org/10.18280/ijdne.150511">https://doi.org/10.18280/ijdne.150511</a>
7	Khamis Naba Sayl	<a href="#">Detection of suitable sites for rainwater harvesting planning in an arid region using geographic information system</a>	√	2020	Applied Geomatics	Q1	<a href="https://doi.org/10.1007/s12518-020-00342-3">https://doi.org/10.1007/s12518-020-00342-3</a>
8	Khamis Naba Sayl	<a href="#">Highway route selection using GIS and analytical hierarchy process case study Ramadi Heet rural highway</a>	√	2020	Journal of Physics: Conference Series	Q4	<a href="https://iopscience.iop.org/article/10.1088/1742-6596/1973/1/012060">https://iopscience.iop.org/article/10.1088/1742-6596/1973/1/012060</a>
9	Khamis Naba Sayl	Locating Site Selection for Rainwater Harvesting Structure using Remote Sensing and GIS	√	2020	<a href="#">IOP Conference Series: Materials Science and Engineering</a> <a href="#">this link is disabled</a>	Q3	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/881/1/012170/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/881/1/012170/pdf</a>
10	Ghassa Subhi Jameel	Production of workable lightweight structural concrete by partial replacement of aggregate with	√	2020	Journal of King Saud University-Engineering Sciences	Q1	<a href="https://www.sciencedirect.com/science/article/pii/S1018363920302324">https://www.sciencedirect.com/science/article/pii/S1018363920302324</a>

		yellow and/or red crushed clay brick (CCB) aggregate					
11	Abdulrahman S. Mohammed	Properties of Eco-Friendly Concrete Contained Limestone and Ceramic Tiles Waste Exposed To High Temperature	√	2020	Arabian Journal for Science and Engineering	Q2	<a href="https://doi.org/10.1007/s13369-020-04482-x">https://doi.org/10.1007/s13369-020-04482-x</a>
12	Nabeel S. Mahmood	Soil Fabric and Anisotropy as Observed Using Bender Elements during Consolidation	√	2020	International Journal of Geomechanics	Q1	<a href="https://doi.org/10.1061/(ASCE)GM.1943-5622.0001630">https://doi.org/10.1061/(ASCE)GM.1943-5622.0001630</a>
13	Mohammed Freeh Sahab	Fresh and hardened properties of lightweight self-compacting concrete containing walnut shells as coarse aggregate	√	2020	Journal of King Saud University - Engineering Sciences	Q1	<a href="https://www.sciencedirect.com/science/article/pii/S101836391930563X">https://www.sciencedirect.com/science/article/pii/S101836391930563X</a>
14	Mohammed T. Nawar	Effect of Treated Polyethylene Waste on some Mechanical Properties of Cement Mortar	√	2020	Key Engineering Materials	Q4	<a href="https://www.scientific.net/KEM.870.3">https://www.scientific.net/KEM.870.3</a>

15	Sadeq Oleiwi Sulaiman	Water Requirements of Crops under Various Kc Coefficient Approaches by Using Water Evaluation and Planning (WEAP)	√	2020	International Journal of Design & Nature and Ecodynamics		<a href="https://doi.org/10.18280/ijdne.150516">https://doi.org/10.18280/ijdne.150516</a>
16	Prof.Dr.Abdulkader I. Al-Hadithi	Effect of Treated Polyethylene Waste on Some Mechanical Properties of Cement Mortar	√	2020	Key Engineering Materials	Q4	<a href="https://www.scientific.net/KEM.870.3">https://www.scientific.net/KEM.870.3</a>
17	Prof.Dr.Abdulkader I. Al-Hadithi	Investigating Transport Properties of Low-Binder Ultrahigh-Performance Concretes: Binary and Ternary Blends of Nanosilica, Microsilica and Cement	√	2020	Arabian Journal for Science and Engineering	Q2	<a href="https://rd.springer.com/article/10.1007/s13369-020-04737-7">https://rd.springer.com/article/10.1007/s13369-020-04737-7</a>

18	Prof.Dr.Abdulkader I. Al-Hadithi	The Possibility of Producing Self-Compacting Lightweight Concrete by Using Expanded Polystyrene Beads as Coarse Aggregate	√	2020	Arabian Journal for Science and Engineering	Q2	<a href="https://rd.springer.com/article/10.1007%2Fs13369-020-04886-9">https://rd.springer.com/article/10.1007%2Fs13369-020-04886-9</a>
19	Prof.Dr.Abdulkader I. Al-Hadithi	Effect of Silica Fume and Super-Plasticizer on Mechanical Properties of Self-Compacting Concrete: A Review	√	2020	IOP Conf. Series: Materials Science and Engineering - (2020) 012052	Q3	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/978/1/012052/meta">https://iopscience.iop.org/article/10.1088/1757-899X/978/1/012052/meta</a>
20	Prof.Dr.Abdulkader I. Al-Hadithi	Relation between rheological and mechanical properties on behaviour of self-compacting concrete (SCC) containing recycled plastic fibres: a review	√	2020	European Journal of Environmental and Civil Engineering	Q2	<a href="https://www.tandfonline.com/doi/full/10.1080/19648189.2020.1868344">https://www.tandfonline.com/doi/full/10.1080/19648189.2020.1868344</a>
21	Muhannad Aldosary	Hermite polynomial normal transformation for structural reliability analysis	√	2020	Engineering computation s	Q2	<a href="https://www.emerald.com/insight/content/doi/10.1108/EC-05-2020-0244/full/html">https://www.emerald.com/insight/content/doi/10.1108/EC-05-2020-0244/full/html</a>

22	Khamis N. sayl	Modelling of runoff in the arid region using remote sensing and geographic information system(GIS)	√	2020	International journal of design & nature and ecodynamics	Q3	<a href="https://www.iieta.org/journals/ijdne/paper/10.18280/ijdne.150511">https://www.iieta.org/journals/ijdne/paper/10.18280/ijdne.150511</a>
23	Aseel madallah mohammed	Experimental and statistical evaluation of rheological properties of self-compacting concrete containing fly ash and ground granulate blast furnace slage	√	2020	Journal of king saud university- engineering science	Q1	<a href="https://www.sciencedirect.com/science/article/pii/S1018363920303573">https://www.sciencedirect.com/science/article/pii/S1018363920303573</a>
24	Zaid Al-Azzawi	Strengthening of composite castellated beams web with corrugated carbon fiber reinforced polymer struts	√	2020	Key engineering materials	Q1	<a href="https://www.proquest.com/openview/30b44176c924610a266ff177a31c71a2/1?pq-origsite=gscholar&amp;cbl=2040931">https://www.proquest.com/openview/30b44176c924610a266ff177a31c71a2/1?pq-origsite=gscholar&amp;cbl=2040931</a>

Approval by the department head