List of scientific research(2020)
(Clarivate)

University Name: University of Anbar
College Name : College of Engineering
Department Name : Dams and Water resources department

No.	Name of author	Paper title	Journal / name conference	Is the paper within Web of Science	Published year	Paper link in the journal website
1	**Zaid Al-Azzawi**	A new design method for a novel FRP strengthening technique against shear buckling of steel plate girders	Thin-Walled Structures	√	**2020**	https://www.sciencedirect.com/science/article/abs/pii/S0263823119308122
2	**Ammar Hatem Kamel**	NUMERICAL AND EXPERIMENTAL MODELING OF SMALL HYDROPOWER TURBINE	ARPN Journal of Engineering and Applied Sciences	√	2020	https://www.akademiabaru.com/submit/index.php/arfmts/article/view/2082

3	**Ammar Hatem Kamel**	Modeling of runoff in the arid regions using remote sensing and geographic information system (GIS)	International Journal of Design & Nature and Ecodynamics	√	2020	https://www.iieta.org/journals/ijdne/paper/10.18280/ijdne.150511
4	**Khamis Naba Sayl**	A GIS-Based Multicriteria Analysis in Modeling Optimum Sites for Rainwater Harvesting	Hydrology	√	2020	https://www.mdpi.com/2306-5338/7/3/51
5	**Khamis Naba Sayl**	GIS-based approach for rainwater harvesting site selection	IOP Conference Series: Materials Science and Engineering	√	2020	https://iopscience.iop.org/article/10.1088/1757-899X/737/1/012246/pdf
6	**Khamis Naba Sayl**	The application of radial basis network model, GIS, and spectral reflectance band recognition for runoff calculation	International Journal of Design & Nature and Ecodynamics	√	2020	**https://**doi.org/10.18280/ijdne.150318
7	**Khamis Naba Sayl**	Modeling of runoff in the arid regions using remote sensing and geographic information system (GIS)	International Journal of Design & Nature and Ecodynamics	√	2020	**https://doi.org/10.18280/ijdne.150511**
8	**Khamis Naba**	Detection of suitable sites for rainwater harvesting	Applied Geomatics	√	2020	https://doi.org/10.1007/s

	Sayl	planning in an arid region using geographic information system				12518-020-00342-3
9	**Khamis Naba Sayl**	Locating Site Selection for Rainwater Harvesting Structure using Remote Sensing and GIS	IOP Conference Series: Materials Science and Engineering,this ,link is disabled	√	2020	https://iopscience.iop.org/article/10.1088/1757-899X/881/1/012170
10	**Nabeel S. Mahmood**	Soil Fabric and Anisotropy as Observed Using Bender Elements during Consolidation	International Journal of Geomechanics	√	2020	**https://doi.org/10.1061/(ASCE)GM.1943-5622.0001630**
11	**Prof.Dr.Abdulkader I. Al-Hadithi**	Investigating Transport Properties of Low-Binder Ultrahigh-Performance Concretes: Binary and Ternary Blends of Nanosilica, Microsilica and Cement	Arabian Journal for Science and Engineering	√	2020	https://rd.springer.com/article/10.1007/s13369-020-04737-7
12	**Prof.Dr.Abdulkader I. Al-Hadithi**	The Possibility of Producing Self-Compacting Lightweight Concrete by	Arabian Journal for Science and Engineering	√	2020	https://rd.springer.com/article/10.1007%2

		Using Expanded Polystyrene Beads as Coarse Aggregate				Fs13369-020-04886-9
13	**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	European Journal of Environmental and Civil Engineering	√	2020	https://www.tandfonline.com/doi/full/10.1080/19648189.2020.1868344
14	**Ahme Tareq Noaman**	**Mechanical characteristics of PET fibre-reinforced green ultra-high performance composite concrete**	**European Journal of Environmental and Civil Engineering**	√	**2020**	**https://www.tandfonline.com/doi/abs/10.1080/19648189.2020.1772117**
15	Abdulrahman S.	Properties of Eco-Friendly Concrete	Arabian Journal for	√	2020	https://doi.org/10.1007/s

	Mohammed	Contained Limestone and Ceramic Tiles Waste Exposed To High Temperature	Science and Engineering			13369-020-04482-x
16	**Muhannad Aldosary**	Hermite polynomial normal transformation for structural reliability analysis	Engineering computations	√	**2020**	https://www.emerald.com/insight/content/doi/10.1108/EC-05-2020-0244/full/html
18	**Aseel madallah mohammed**	Experimental and statistical evaluation of rheological properties of self-compacting concrete containing fly ash and ground granulate blast furnace slage	Journal of king saud university-engineering science	√	2020	https://www.sciencedirect.com/science/article/pii/S1018363920303573
21	**Zaid Al-Azzawi**	Strengthening of composite castellated beams web with corrugated carbon fiber reinforced polymer struts	Key engineering materials	√	2020	https://www.proquest.com/openview/30b44176c924610a266ff177a31c71a2/1?pq-origsite=gscholar&cbl=2040931

Approval by the department head