

البحوث المنشورة للتدريسيين في قسم الهندسة المدنية للعام الدراسي ٢٠١٩-٢٠٢٠

ت	اسم التدريسي	الدرجة العلمية	اسم البحث	سنة النشر	جهة النشر
١	عمار سلمان داود	استاذ مساعد	A BRIEF REVIEW OF THE ENVIRONMENTAL ASSESSMENT OF GREEN BUILDING IN DEVELOPING COUNTRIES	٢٠١٩	International Journal of Novel Research in Engineering and Science
			Prediction of compressive strength of concrete containing pozzolanic materials by applying neural networks	٢٠١٩	International Journal of Civil Engineering and Technology
			Characterization of Yemeni Natural Zeolite (Al-Ahyuq Area) and its Environment Applications A Review	٢٠١٩	Journal of Ecological Engineering
			Assessment of Water Quality of Shatt Al-Basrah Canal using Water Pollution Index	٢٠١٩	International Journal of Engineering & Technology
			Ultrahigh-CO <sub>2</sub> Adsorption Capacity and CO <sub>2</sub> /N <sub>2</sub> Selectivity by Nitrogen-Doped Porous Activated Carbon Monolith	٢٠٢٠	Bulletin of the Chemical Society of Japan
٢	عدي عدنان عبدالرزاق	استاذ مساعد	INVESTIGATION OF LOCAL BUCKLING FAILURE OF SIMPLY SUPPORTED COMPOSITE STEEL-CONCRETE BEAMS	٢٠١٩	ARPJ Journal of Engineering and Applied Sciences
٣	عبدالله عبدالامير عبدالله		Condition Assessment of Civil Structures under Earthquake Excitation	٢٠١٩	ASCE, Journal of Aerospace Engineering
٤	صالح عيسى خصاف	استاذ	Effect of Opening Holes on the Hydraulic Performance for Crump Weir	٢٠١٩	international journal for engineering
			Study of the Local Scour Around L-Shape Groynes in Clear Water Conditions	٢٠١٩	international journal for engineering
			Experimental Study for Protection of Piers Against Local Scour Using Slots	٢٠١٩	international journal for engineering
			LOCAL SCORE EVALUATION FOR NON- SUBMERGED CURVED GROYNES	٢٠١٩	international journal for engineering
			Scouring Around Impermeable Curved Groynes	٢٠١٩	international journal for engineering

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ARPN Journal of Engineering and Applied Sciences	٢٠١٩	A COMPARATIVE STUDY OF TABU SEARCH AND GENETIC ALGORITHMS FOR OPTIMUM GROUNDWATER MANAGEMENT IN AN ARID REGION	استاذ مساعد	علي حسن دهيم	٥
ARPN Journal of Engineering and Applied Sciences	٢٠١٩	RAINFALL INTENSITY PROBABILITY FOR DESIGN OF DRAINAGE SYSTEM IN BASRAH CITY, SOUTH OF IRAQ			
International Journal of Civil Engineering and Technology (IJCIET)	٢٠١٩	ESTIMATION OF STORMWATER RUNOFF GENERATED IN BASRAH PROVINCE ROADS FOR DIFFERENT RAINFALL RECURRENCE INTERVALS			
International Journal of Civil Engineering and Technology (IJCIET)	٢٠٢٠	ESTIMATION OF GROUNDWATER VULNERABILITY IN BAHR AL-NAJAF AREA, MIDDLE OF IRAQ			
Basrah Journal of Engineering Sciences	٢٠١٩	Structural behavior of reinforced concrete one-way slabs cast with self-compacting concrete containing recycled concrete as coarse aggregate	استاذ مساعد	جمال عبدالصمدخضير	٦
Engineering Journal of Kufa	٢٠١٩	Effect of using recycled concrete aggregate on behavior of R.C. corbels cast with SCC (Experimental and Analytical Study).			
International Journal of Civil Engineering & Technology	٢٠١٩	Experimental study on the behavior and strength of reinforced concrete corbels cast with self-compacting concrete incorporating recycled concrete as c			
Muthanna Journal of engineering and technology	٢٠١٩	-Flectural behavior of reinforced concrete T-beam cast with self-compaction Concrete incorporating recycled concrete aggregate			
International Journal of Civil Engineering and Technology	٢٠١٩	Estimation of stormwater runoff generated in Basrah	مدرس	ايمن علك حسن	٧

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		province roads for different rainfall recurrence intervals			
ARPN Journal of Engineering and Applied Sciences	٢٠١٩	Rainfall intensity probability for design of drainage system in Basrah City, south of Iraq			
International Journal of Civil Engineering and Technology	٢٠١٩	Prediction of compressive strength of concrete containing pozzolanic materials by applying neural networks			
ARPN Journal of Engineering and Applied Sciences	٢٠١٩	RAINFALL INTENSITY PROBABILITY FOR DESIGN OF DRAINAGE SYSTEM IN BASRAH CITY, SOUTH OF IRAQ	استاذ مساعد	هشام طه ياسين	٨
Journal of Engineering and Applied Sciences	٢٠١٩	An Empirical Formula for Estimating of Suspended Sediment Transport in Upstream of Al-Amarah Barrage Using Pi Theorem			
hydrology, MDPI	٢٠١٩	Flood Hazard Analysis of Proposed Regulator on Shatt Al-Arab River	استاذ مساعد	عبدالحسين عبدالكريم	٩
Springer : International Journal of Civil Engineering	٢٠٢٠	Optimization of the Hydrological Tank Model by Downhill Simplex Method			
International Journal of Advances in Scientific Research and Engineering (ijasre)	٢٠١٩	Perspective and Prospect of Tidal Electricity Generation in Iraq			
International Journal of Advances in Scientific Research	٢٠١٩	Perspective and Prospect of Tidal Electricity Generation in Iraq	استاذ مساعد	احمد ناصح احمد	١٠
Hydrology MDPI	٢٠١٩	Flood Hazard Analysis of Proposed Regulator on Shatt Al-Arab River			
International Journal of Civil Engineering and Technology (IJCET)	٢٠١٩	DROUGHT HAZARD ASSESSMENT IN IRAQ USING SPI AND GIS SYSTEMS			
(International Journal of Advances in Scientific Research and Engineering (ijasre	٢٠١٩	Perspective and Prospect of Tidal Electricity Generation in Iraq			
Springer	٢٠٢٠	Optimization of the Hydrological Tank Model by Downhill Simplex Method			
(AIP Conference Proceedings 2213, 020037 (2020)	٢٠٢٠	Assessment of heavy metals pollution in the Shatt Al-Arab River, Basra-Iraq			
JOURNAL OF WATER AND	٢٠٢٠	Evaluation of water			

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LAND DEVELOPMENT		treatment plants quality in Basrah Province, by factor and cluster analysis			
Civil Engineering Journal	٢٠١٩	Design Charts for Axially Loaded Single Pile Action	مدرس	جعفر احمد كاظم	١١
IOP Conference Series: Materials Science and Engineering	٢٠١٩	Factors effecting on the compressive and tensile strength of reactive powder concrete made with local materials			
International Journal of Engineering and Technology	٢٠٢٠	Seismic Analysis of Reinforced Concrete Buildings in South of Iraq based on Different Codes	مدرس	سامر عبدالباقي جبار	١٢
Basrah Journal of Engineering Sciences	٢٠٢٠	The use of Horizontal Flow Constructed Wetland for Treatment of Sanitary Wastewater in Iraq	استاذ مساعد	زحل عبدالهادي حمزة	١٣
International Journal of Advanced Research in Science, Engineering and Technology, Vol. 6, Issue 3, March 2019	٢٠١٩	Experimental Investigation of Plain Concrete- Filled Plastic Tubular Columns	مدرس	احمد صكبان سعدون	١٤
Elixir Civil Engg. 129 (2019) 53033-53036	٢٠١٩	Experimental Investigation of Partially Reinforced Concrete-Filled Plastic Tubular Columns			
Journal of University of Babylon for Engineering Sciences, Vol. (27), No. (2): 2019	٢٠١٩	A Review Paper on Concrete-Filled Aluminum Tubular Columns			
ARPN Journal of Engineering and Applied Sciences, VOL. 14, NO. 13, JULY 2019	٢٠١٩	A SURVEY OF STUDIES ON PLASTIC TUBES CONFINED PLAIN CONCRETE AS COMPRESSION MEMBERS			
Basrah Journal for Engineering Sciences, vol.19, no.2, Septemper, 2019	٢٠١٩	Revision Study of Green Concrete			
A Review on Flat Slab Punching Shear Reinforcement	٢٠١٩	A Review on Flat Slab Punching Shear Reinforcement			
Journal of University of Babylon for Engineering Sciences, Vol. (27), No. (3): 2019	٢٠١٩	Load-Carrying Capacity of Patch-Loaded Stiffened Steel Plate Girders			
AL-QADISIYAH JOURNAL FOR ENGINEERING SCIENCES 12 (2019) 172–177	٢٠١٩	Effect of CFRP Strips Orientation on Performance of Strengthened Deep Beams			
IRAQI JOURNAL OF CIVIL ENGINEERING (2019)	٢٠١٩	Influence of Curing Duration on the			

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		Compressive strength of Normal and High Strength Concrete Containing Silica Fume			
Tikrit Journal of Engineering Sciences 2019, 26(4)	٢٠١٩	The Attitude of Load-Deflection for Concrete Beams with Polymer Reinforcement			
Journal of Information Technology in Construction (ITcon) 24, 80-94	٢٠١٩	Critical success competencies for the BIM implementation process: UK construction clients	مدرس	عماد جاسم داخل	١٥
IOP Conference Series: Materials Science and Engineering	٢٠١٩	Bond the gap between academic and industry requirements for undergraduate civil engineering students in Iraq	مدرس	زاهر محمد ناجي	١٦
ARNP Journal of Engineering and Applied Sciences	٢٠١٩	A COMPARATIVE STUDY OF TABU SEARCH AND GENETIC ALGORITHMS FOR OPTIMUM GROUNDWATER	استاذ مساعد	وسام صبيح نعمة	١٧
International Journal of Engineering Research & Technology, Vol.8, Issue 6	٢٠١٩	Behaviour of Waler Retaining System on Sheet Piles using Finite Element Method	استاذ مساعد	ديفد عبد محمد جواد	١٨
IEEE Transactions on Intelligent Transportation Systems	٢٠١٩	Development of a Microsimulation Model for Motorway Roadworks With Narrow Lanes	مدرس	زيد فاضل عبد العباس	١٩
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(International Journal of Advances in Scientific Research and Engineering (IJASRE	٢٠١٩	Perspective and Prospect of Tidal Electricity Generation in Iraq			
WSEAS Transactions on Fluid Mechanics	٢٠٢٠	Experimental Study of Composite Inclined Weir – Gate Hydraulic Structure			
International Journal of Civil Engineering	٢٠٢٠	Optimization of the Hydrological Tank Model by Downhill Simplex Method			
RUDN Journal of Engineering Researches	٢٠١٩	Pier scouring reduction using a Strip Guide Flow Panel device			
Journal of University of Babylon for Engineering Sciences, Vol. (27), No. (2): 2019.	٢٠١٩	A Review Paper on Concrete-Filled Aluminum Tubular Columns	مدرس	كاظم زيون ناصر	٢١

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E3S Web of Conferences 118, 03054 (2019) ICAEER 2019	٢٠١٩	Assessment of water quality of Garmat Ali river for irrigation purposes	مدرس مساعد	حيدر عبدالرضا خنفر	٢٢
Basrah Journal of Engineering Sciences, Vol.19, No.1	٢٠٢٠	Baffles Shape and Configuration Effect on Performance of Baffled Flocculator	استاذ مساعد	كفاح محمد خضير	٢٣
ASCE	٢٠١٩	Analytical Study on the Torsional Behavior of Reinforced Concrete Beams Strengthened with FRCM Composite	مدرس	ميادة يحيى محمد	٢٤
Construction and Building Materials /Elsevier	٢٠١٩	Torsional strengthening of reinforced concrete beams with externally bonded composites: A state of the art review			
Journal of King Saud University - Engineering Sciences	٢٠١٩	Dynamic modelling of bridge approach slabs under moving loads	مدرس	احسان قاسم محمد	٢٥
International Journal of Geotechnical Engineering	٢٠١٩	Experimental investigation of batter pile groups behaviour subjected to lateral soil movement in sand			
Geotechnical and Geological Engineering	٢٠١٩	Numerical Modelling of Passively Loaded Pile Groups			
RESEARCH JOURNAL OF APPLIED SCIENCES, ENGINEERING AND TECHNOLOGY	٢٠١٩	Model Tests on Single Batter Piles Subjected to Lateral Soil Movement			
Geomechanics and Engineering	٢٠٢٠	Response of passively loaded pile groups – an experimental study			
Basrah Journal for Engineering Sciences	٢٠٢٠	Geotechnical Features of Basrah City, Iraq			
ARNP Journal of Engineering and Applied Sciences	٢٠١٩	INVESTIGATION OF LOCAL BUCKLING FAILURE OF SIMPLY SUPPORTED COMPOSITE STEEL-CONCRETE BEAMS	مدرس	عبد الناصر محمد عباس	٢٦
Journal of University of Babylon for Engineering Sciences	٢٠١٩	A Review on Flat Slab Punching Shear Reinforcement			
Journal of University of Babylon for Engineering Sciences	٢٠١٩	Load-Carrying Capacity of Patch-Loaded Stiffened Steel Plate Girders			
Al-Qadisiyah Journal for Engineering Sciences	٢٠١٩	Numerical Investigation on the Influence of Web Opening on the Structural			

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International Journal of Environmental Science and Technology	٢٠١٩	Textile dye wastewater characteristics and constituents of synthetic effluents: a critical review	مدرس	دينا علي ياسين	٢٧
International Journal of Environmental Research	٢٠١٩	Impact of pH on the Treatment of Artificial Textile Wastewater Containing Azo Dyes Using Pond Systems			
International Conference on Advances in Energy and Environment Research	٢٠١٩	Assessment of water quality of Garmat Ali river for irrigation purposes			
Journal of King Saud University - Engineering Sciences	٢٠١٩	Dynamic modelling of bridge approach slabs under moving loads	مدرس	اسامة سالم عبد الكريم	٢٨
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RESEARCH JOURNAL OF APPLIED SCIENCES, ENGINEERING AND TECHNOLOGY	٢٠١٩	Assessing the Impact of Velocity Dip and Wake Coefficients on Velocity Prediction for Open Channel Flows			