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**Journal Name : Tikrit Journal of Engineering Sciences
(TJES)**

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Manuscript ID	Paper or Article Title	List of Authors name	Year of Publication	Source, Volume, issue and page numbers	County of Publication- Author 1 country of publication
00001-05139	Enhancement Stability of the Power System Using Static Synchronous compensators Connected in Different Formats	Maha Abdulrhman Al-Flaiyeh,Nagham Hikmat Aziz,	2021	Tikrit Journal of Engineering Sciences 28, 1, 1 - 12	Iraq
00001-05155	Effect of Adding Nano Ag on Mechanical and Physical Properties of Cu-10? Prepared by Powder Metallurgy Technique	Farouk M Mahdi,Omar H Mahmood,	2021	Tikrit Journal of Engineering Sciences 28, 1, 13 - 20	Iraq
00001-05165	Implementation of Controlling Home Appliances Via Secure Short Message Service Technology	Roshna Muhamad M. Amin,Miran H. M. Baban,	2021	Tikrit Journal of Engineering Sciences 28, 1, 21 - 30	Iraq
00001-05176	Cooperation and radio silence strategy in Mix Zone to Protect Location Privacy of Vehicle in VANET	Izdihar S Shaleesh,Akram A Almohammedi,Naji I Mohammad,Ali A Ahmad,Vladimir Shepelev,	2021	Tikrit Journal of Engineering Sciences 28, 1, 31 - 39	Syrian Arab Republic
00001-05190	Review of Nanosheet Transistors Technology	Firas N. A Hassan Agha,Yasir H Naif,Mohammed N Shakib,	2021	Tikrit Journal of Engineering Sciences 28, 1, 40 - 48	Iraq
00001-05208	Model Predictive Control of a Double Effect Evaporator Via Simulation	Duraid Fadhil Ahmed,Ihal A Abed,	2021	Tikrit Journal of Engineering Sciences 28, 1, 49 - 63	Iraq
00001-05220	An Automatic Drawing Spur Gears Based on AutoCAD Program	Najat Najmaldeen Hamed,	2021	Tikrit Journal of Engineering Sciences 28, 1, 64 - 70	Iraq
00001-05229	The Assessment of Using CFRP to Enhance the Behavior of High Strength Reinforced Concrete Corbels	Mazin B Abdulrahman,Shakir A Salih,Rusul J Abduljabbar,	2021	Tikrit Journal of Engineering Sciences 28, 1, 71 - 83	Iraq
00001-05251	Behavior of Reinforced Concrete Plates under Pure Torsion	Omer F Ibraheem,Osama A Mukhlif,	2021	Tikrit Journal of	Iraq

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00001-05263	Voltage Collapse Prediction of IEEE 30-Bus system	Mohammed H Ibrahim,Abdulsattar H Jasim,	2021	Tikrit Journal of Engineering Sciences 28, 1, 98 - 112	Iraq
00001-05276	Object-Based Method for Urban Extraction through Using Quick Bird Satellite Imagery, LiDAR Data and Digital Urban Geomatics Techniques	Noor Hashim Hamed,	2021	Tikrit Journal of Engineering Sciences 28, 2, 1 - 14	Iraq
00001-05285	The Performance of a Three-Phase Induction Motor under and over Unbalance Voltage	Abdulsattar H Jasim,Arkan A Hussein,Laith F Abbas,	2021	Tikrit Journal of Engineering Sciences 28, 2, 15 - 32	Iraq
00001-05294	THE IMPACT OF COLOUR ON STUDENTS` PERCEPTION IN LEARNING SPACES	Husein Ali Husein,Salahaddin Yasin Baper,Sazgar Samir Salim,	2021	Tikrit Journal of Engineering Sciences 28, 2, 33 - 43	Iraq
00001-05312	EFFECT OF CORROSION LONGITUDINAL STEEL BARS ON THE FLEXURAL STRENGTH OF RC BEAMS	Noor KH Mahmood,Assim M Lateef,	2021	Tikrit Journal of Engineering Sciences 28, 2, 44 - 53	Iraq
00001-05327	Behaviour of Uniaxial Reinforced Concrete Columns Strengthened with Ultra-High Performance Concrete and Fiber Reinforced Polymers	Abd-al-Salam I. M. Al-Hazragi,Assim M Lateef,	2021	Tikrit Journal of Engineering Sciences 28, 2, 54 - 72	Iraq
00001-05336	Comparison of a Traditional Landfill and a Mechanically-Biologically Treated waste Landfill (Case study; Kirkuk landfill)	Aeesha F. O Al-jaf,Jathwa A.I Al-ameen,	2021	Tikrit Journal of Engineering Sciences 28, 2, 73 - 79	Iraq
00001-05344	WETTING AND DRYING CYCLES EFFECT ON DURABILITY OF GYPSUM SOILS TREATED WITH CALCIUM CHLORIDE OR CEMENT ADDITIVES	Farouk M Muhauwiss,Sura Saad Hassoun,	2021	Tikrit Journal of Engineering Sciences 28, 2, 80 - 92	Iraq
00001-05354	Structural Behavior Of Simple Supported Two Layers Reinforced Concrete (Normal strength concrete & Mortar with 3-Dimension glass fiber), Beams	Zena J Yasen,Assim M Lateef,Ammar S Khazaal,	2021	Tikrit Journal of Engineering Sciences 28, 2, 93 - 106	Iraq
00001-05369	Textile-Reinforced Mortar (TRM) Strengthened One-Way Reinforced Concrete Slabs	Amenah S Dheyab,Saad M Raooof,	2021	Tikrit Journal of Engineering Sciences 28, 2, 107 - 123	Iraq
00001-05376	Strategic Evaluation Plan and Improvement of Cement Plants (Iraqi Kurdistan Region – as a Case Study)	Hewa N. QaraMohammed,Faiq M. S. Al-Zwainy,	2021	Tikrit Journal of Engineering Sciences 28, 2, 124 - 136	Iraq
00001-05384	SPH Open Boundary Simulation of Free-Surface Flow Over Ogee-crested Spillway	Rizgar Ahmed Karim,Jowhar Rasheed Mohammad,	2021	Tikrit Journal of Engineering Sciences 28, 2, 137 - 151	Iraq

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00001-05393	The reality of solid waste management in Iraq and ways of development	Mohammed Ali AL-MOHAMMED,Gozde ULUTAGAY,Waleed M Sh. ALABDRABA,	2021	Tikrit Journal of Engineering Sciences 28, 3, 1 - 20	Turkey
00001-05408	Experimental and Numerical Study on Strength of Concrete Slabs under High Speed Projectiles	Omer F Ibraheem,	2021	Tikrit Journal of Engineering Sciences 28, 3, 21 - 34	Malaysia
00001-05413	Punching Strength of Reactive Powder Reinforced Concrete Flat Slabs	Mustafa Al-Mashaykhi,Belal Alsubari,Mazin B Abdulrahman,Aayat A Hussein,	2021	Tikrit Journal of Engineering Sciences 28, 3, 35 - 47	Australia
00001-05427	Developing Porous Concrete Interlocking Pavement Blocks Utilizing Recycled Concrete Aggregate for Rainfall Harvesting Use	Mahdi Mashaan Mahdi,Raad Hoobi Irzooki,Mazin B Abdulrahman,	2021	Tikrit Journal of Engineering Sciences 28, 3, 48 - 60	Iraq
00001-05431	Energy And Exergy Assessment of North Refineries Company (NRC) Steam Cycle Based on Air Mass Flowrate of Main Condenser	Waad A Salih,Aadel A Alkumait,Hameed J Khalaf,	2021	Tikrit Journal of Engineering Sciences 28, 3, 61 - 70	Iraq
00001-05433	Performance Measures and Level of Transit Service Assessment of Public Transport Bus Network in Baghdad City during 2002-2003	Tan Yiqiu ,Lihui Qin ,Imad Ismael,Ali Fadhil Naser,	2021	Tikrit Journal of Engineering Sciences 28, 3, 71 - 87	China
00001-05439	Experimental Investigation on Bending Behavior of Textile Reinforced Concrete (TRC) Plates at High Temperatures	Assim H.A Arif,Saad M Raoof,	2021	Tikrit Journal of Engineering Sciences 28, 3, 88 - 102	Iraq
00001-05716	Experimental Investigation on the Bending Behaviour of Textile Reinforced Concrete (TRC)	Hadeel Khalil,Saad M Raoof,	2021	Tikrit Journal of Engineering Sciences 28, 3, 103 - 116	Iraq
00001-05752	LANDSLIDE VARIATION WITH MORPHOMETRIC FACTORS USING THE GIS TECHNIQUES: THE CASE OF SHAQLAWA FOREST	Sara H Zaki,Jehan M Sheikh Suleimany,	2021	Tikrit Journal of Engineering Sciences 28, 3, 117 - 128	Iraq
00001-05781	Effects of Crushed Glass Waste as a Fine Aggregate on Properties of Hot Asphalt Mixture	Ahmed D M Almuhamdi,Abdulbasit A Muhmood,Abdulhakim O Salih,	2021	Tikrit Journal of Engineering Sciences 28, 3, 129 - 145	Iraq
00001-05808	A new Transmission and Reception Algorithms for Improving the Performance of SISO/MIMO- OFDM Wireless Communication System	Maha Monther Shahab,Saad Mshhain Hardan,Asmaa Salih Hammoodi,	2021	Tikrit Journal of Engineering Sciences 28, 3, 146 - 158	Iraq
00001-05824	Investigation of Local Scour around L-Shape Submerged Groynes in Clearwater Conditions	Saleh I. Khassaf,Budoor Mohammed Rashak,	2021	Tikrit Journal of Engineering Sciences 28, 3, 159 - 169	Iraq
00001-05854	Study the effect of welding pass number on the mechanical and metallurgical properties of Aluminum type Al 1050 H14 produced by	Najeeb Salman Abtan,Jawdat Ali Yagoob,Ayshan Mohammed Shukri,	2021	Tikrit Journal of Engineering Sciences 28,	Iraq

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00001-05877	Investigating the Meteorological Drought Using CZI in Nineveh Governorate, Iraq	Omar M A Mahmood Agha,	2021	Tikrit Journal of Engineering Sciences 28, 4, 14 - 24	Iraq	
00001-05883	Numerical Study of Tube Hydroforming Process Using Conical Dies	Tahseen T Othman Al Qahwaji,Ahmad Ameen Hussain,	2021	Tikrit Journal of Engineering Sciences 28, 4, 25 - 36	Iraq	
00001-05973	Thermal Conductivity of Building Materials in Iraq	Madgeed A Al-Doury,Atif Ali Hasan,Raheem Kadhim Mohammed,Riyadh H Al-Jawad,	2021	Tikrit Journal of Engineering Sciences 28, 4, 37 - 49	Iraq	
00001-05990	Determining The Paths of Urban Expansion for The City of Kirkuk Using The Hierarchical Analysis – Multi - Criteria Decision - Making Method	Ibrahim J Naser,Moheb K Falih,Mohamed M Alssayed,	2021	Tikrit Journal of Engineering Sciences 28, 4, 50 - 63	Iraq	
00001-06008	A Review on Numerical Sciences Analysis of RC Flat Slabs Exposed to Fire	Hanadi F Naji,Nibras N Khalid,Mutaz K Medhlom,	2020	Tikrit Journal of Engineering Sciences 27, 1, 1 - 5	Iraq	
00001-06022	Pre-Design Cost Modeling of Road Projects	Salar S Ahmed,Noori S Ali,	2020	Tikrit Journal of Engineering Sciences 27, 3, 6 - 11	Iraq	
00001-06035	The Effect of Thermal Radiation and Variable Viscosity Parameters on a Fluid Flow Down Along an Inclined Plane With Free Surface	Mustapha M A Usman,Sefiu S A Onitilo,Titilope S T Moshood,	2021	Tikrit Journal of Engineering Sciences 27, 3, 12 - 24	Nigeria	
00001-06049	Deterministic Extensional Viscosity and Cracking Index of Polypropylene-Modified-Asphalt Binder	Abdul-Rahim Ibrahim AlHadidy,Zeena Ahmed Al-Kazzaz,Ahmed A Mohammed Ali,	2021	Tikrit Journal of Engineering Sciences 27, 1, 25 - 29	Iraq	
00001-06065	Experimental Investigation of Square Footing Resting on Sand over Gypseous Soils	Adnan Jayed Zedan,Heba H Abbas,	2020	Tikrit Journal of Engineering Sciences 27, 1, 30 - 39	Iraq	
00001-06088	Hydraulic Performance for Combined Weir-Gate Structure	Bshkoj S Hussein,Shaker A Jalil,	2020	Tikrit Journal of Engineering Sciences 27, 1, 40 - 50	Iraq	
00001-06101	Trend Analysis of Hydrological Drought for Selected Rivers in Iraq	Ihsan F Hasan,Younis N Saeed,	2020	Tikrit Journal of Engineering Sciences 27, 1, 51 - 57	Iraq	
00001-06120	An Estimated Correlation between California Bearing Ratio (CBR) with some Soil Parameters of Gypseous Silty Sandy Soils	Taha Yaseen Abdulnabi,Zena Ghazi Abdulrazzaq,	2020	Tikrit Journal of Engineering Sciences 27, 1, 58 - 64	Iraq	
00001-06129	Influence of Iron Furnaces Slag on Collapsibility and Shear Strength	Jawdat K Abbas,Hamad M A Al-Luhaibi,	2020	Tikrit Journal of	Iraq	

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00001-06149	Comparative Study between Silica Fume and Nano Silica Fume in Improving the Shear Strength and Collapsibility of Highly Gypseous Soil	Ahmed A H Al-Obaidi,Marwah T Al-Mukhtar,Omar M Al-Dikhil,Saeed Q Hannona,	2020		Tikrit Journal of Engineering Sciences 27, 1, 72 - 78	Iraq
00001-06168	Using Flask for SQLIA Detection and Protection	Ann Z Ablahd,Suhair A Dawwod,	2020		Tikrit Journal of Engineering Sciences 27, 2, 1 - 14	Iraq
00001-06181	Measurements of Vibration and Noise Level at Different Cement Companies	Sabah. J Mohammed Ali,Hiba. H Alwan,	2020		Tikrit Journal of Engineering Sciences 27, 2, 15 - 21	Iraq
00001-06191	Effects of Xanthan Gum Biopolymers on Gypseous Soils Characteristics	Arwa F Theyab,Farouk M Muhauwiss,Waleed M Sh. ALABDRABA,	2020		Tikrit Journal of Engineering Sciences 27, 2, 22 - 28	Iraq
00001-06207	Response of Different Machine Foundation Shapes Resting on Dry Sand to Dynamic Loading	Khalid W Abdul Kaream,Mohammed Y Fattah,Zeyad S M Khaled,	2020		Tikrit Journal of Engineering Sciences 27, 2, 29 - 39	Iraq
00001-06227	A Miniaturized Compact Wideband Partial Ground Antenna Used in RFID Systems	Sufyan Hazaa Ali,Ahmed H R Alfalahi,Yousif Azzawi Hachim,	2020		Tikrit Journal of Engineering Sciences 27, 2, 40 - 45	Iraq
00001-06244	The Effect of Opening Size and Location on the Performance of Reinforced Concrete T-Beams under Pure Torque	Mazin B Abdulrahman,Layth A Al-Jaberi,Saba S Hasan,	2020		Tikrit Journal of Engineering Sciences 27, 2, 46 - 53	Iraq
00001-06255	Evaluation of Damage Index for RC Frames with Irregular Geometrical Shape Subjected to Blast Loads	Riyadh M M Alaaraji,Sofyan Y A Kashmola,	2020		Tikrit Journal of Engineering Sciences 27, 2, 54 - 64	Iraq
00001-06272	Adopting Criteria for Determining the Value of Compensation for Workers in the Construction Sector in Iraq As a Result of Work Accidents	Abdulrahman Adnan Ibrahim,Farah Awad Sultan,	2020		Tikrit Journal of Engineering Sciences 27, 2, 65 - 70	Iraq
00001-06300	Design and Implement of Dual Axis Solar Tracker System Based Arduino	Khalaf S Gaeid,M Nasir Uddin,Mohamed K Mohamed,Omar N Mohmmoud,	2020		Tikrit Journal of Engineering Sciences 27, 2, 71 - 81	Iraq
00001-06317	Properties and Performance of Polypropylene Fiber Reinforced Concrete : A review	Tuqa W Ahmed,Nuha H Aljubory,Roua S Zidan,	2020		Tikrit Journal of Engineering Sciences 27, 2, 82 - 97	Iraq
00001-06327	A Load Flow Analysis Method for Kufa Cement Plant	Ridha Kh Mohammed,Uday A Alhamdany,Nurettin Çetinkaya,	2020		Tikrit Journal of Engineering Sciences 27, 3, 1 - 9	Turkey

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00001-06329	Induction Motor Speed Control with Solar Cell Using MPPT Algorithm by Incremental Conductance Method	Omer N Mahmmoud,Khalaf S Gaeid,Assad F Nashi,Khadim Moin Siddiqui,	2020	Tikrit Journal of Engineering Sciences 27, 3, 8 - 16	Iraq
00001-06331	Modelling, Optimization and Green Metrics Evaluation of Bio-Catalytic Synthesis of Biodiesel	Rasheed U Owolabi,Mohammed A Usman,Adefunmilayo D Anuoluwapo,Onyekachi P Oguamanam,	2020	Tikrit Journal of Engineering Sciences 27, 3, 17 - 30	Nigeria
00001-06376	Implementation of Selective Harmonics Elimination for Single Phase Inverter using Arduino and Simulink MATLAB model	Taha A Hussein,Ibrahim I Sheet,	2020	Tikrit Journal of Engineering Sciences 27, 3, 31 - 37	Iraq
00001-06392	A Review on the Relationship between Computer Engineering, Discrete-Math and Graph Theory	Arjuwan M A Al-Jawadi,Ayhan A K Al-Shumam,	2020	Tikrit Journal of Engineering Sciences 27, 3, 38 - 44	Iraq
00001-06406	PROPERTIES OF GREEN CONCRETE MIXES CONTAINING METAKAOLIN, MICRO SILICA, STEEL SLAG, AND RECYCLED MOSAIC TILES	Muataz H Nayel,Ammar S Khazaal,Waleed M Alabdraba,	2020	Tikrit Journal of Engineering Sciences 27, 3, 45 - 60	Iraq
00001-06412	An Experimental Study on Swelling Properties of Expansive Soil Treated with Iron Furnace Slag	Yaseen N Yaseen,Jawdat K Abbas,	2020	Tikrit Journal of Engineering Sciences 27, 3, 61 - 66	Iraq
00001-06424	Effect of Yttrium Oxide on Mechanical and Physical Properties of Fe-10%Cu Composite	Farouk M Mahdi,Omar H Mahmood,	2020	Tikrit Journal of Engineering Sciences 27, 3, 67 - 72	Iraq
00001-06443	Flexural Strength of Steel Fiber Ultra High Strength Concrete Beams under Static and Repeated Loads	Nadiya Sadeek Alsaffar,Bayar J Al Sulaifanie,Mohamed N Mahmood,	2020	Tikrit Journal of Engineering Sciences 27, 3, 73 - 81	Iraq
00001-06457	Influences of Mg Addition on the Mechanical Properties of Cu-Al-Ni Shape Memory Alloys	Raed N Razooqi,Omar J Abdulkareem,	2020	Tikrit Journal of Engineering Sciences 27, 3, 82 - 93	Iraq
00001-06469	Toughness of Timber Beams Strengthened with Jute Fibers	Aziz I Abdulla,Reem Thaker Mahmoud,Ammar S Khazaal,	2020	Tikrit Journal of Engineering Sciences 27, 3, 94 - 112	Iraq
00001-06485	The Role of Minimizing Residential Plot Area and Width in Characteristics of Spatial Organization for Urban House Spaces in Mosul City	Hassn Abdulrazaq AL-Sanjary,Esraa Malallah Aziz,	2020	Tikrit Journal of Engineering Sciences 27, 3, 113 - 132	Iraq
00001-06498	Performance Study of Tube Settlers in Removing Low Turbidity From The Tigris River Water Using a Bench Scale Model	Abdulmuhsin S. Shihab,Aladdin M Ahmad,	2020	Tikrit Journal of Engineering Sciences 27, 4, 1 - 7	Iraq
00001-06515	Improve the thermal and mechanical properties of foam polystyrene by gebrile soil	Montajb Al-khodary,Sabah AL-sibai,Moaffaq Tellawi,	2020	Tikrit Journal of Engineering Sciences 27,	Syrian Arab Republic

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00001-06524	Thermal Loads and Cost Reduction for a Residential House by Change Its Orientation and Add Roof Shading	Mahmood H. Khaleel,	2020	4, 8 - 12 Tikrit Journal of Engineering Sciences 27, 4, 13 - 30	Iraq
00001-06543	Studying of Physio-chemical Properties of the Groundwater in AL-A`lam City	Haneen A Khudhair,Rand R Ahmed,Rim H Hussein,Hassain D Ibrahim,Omer S Hassain,	2020	Tikrit Journal of Engineering Sciences 27, 4, 31 - 38	Iraq
00001-06552	Experimental and Numerical Study on the Effect of Strain Hardening Characteristics on Curved Flaring Process of Pure Copper and Brass	Tahseen T O Al-Qahwaji,Yasir A A Al-Jobory,	2020	Tikrit Journal of Engineering Sciences 27, 4, 39 - 47	Iraq
00001-06566	Hydrodynamic Simulation of Flood Due to Hypothetical Momentary Mosul Dam Failure	Thair M Al-Taiee,Mustafa S Mustafa,	2020	Tikrit Journal of Engineering Sciences 27, 4, 48 - 57	Iraq
00001-06579	Effect of Steel shot peening Time on some Mechanical Properties of Friction stir Welds for Aluminum Alloy (2024 - T3)	Ghazwan Raad Shihab,Adel Mahmoud Al-Bash,	2020	Tikrit Journal of Engineering Sciences 27, 4, 58 - 69	Iraq
00001-06595	Simulation And Analysis of An Intelligent Power System Stabilizer Using Fuzzy Logic	Firas Ahmed Majeed AlDurze,Sura Amer Abdullah,	2020	Tikrit Journal of Engineering Sciences 27, 3, 70 - 86	Iraq
00001-06609	Effect of Intermittent Water Application from Trickle Source on The Water Movement and Moisture Distributionin Layered Soil	Haqqi Ismail Yasin,Abdul Alsattar Al-Dabagh,	2020	Tikrit Journal of Engineering Sciences 27, 4, 87 - 97	Iraq
00001-06644	Effect of Low-Density Polyethylene on the Stripping Properties under Fatigue Loading of Binder Layer of HMA Mixtures	Tarik Kareem Ibraheem,Abdulkhalik A M AL- Taei,	2020	Tikrit Journal of Engineering Sciences 27, 4, 102 - 113	Iraq
00001-06662	Theoretical and Experimental Analysis for Performance of Wind Turbine	Suaad Hassan danok,Kamal Glal Twfek,Esraa Adel Mansour,	2020	Tikrit Journal of Engineering Sciences 27, 4, 114 - 120	Iraq
00001-06680	Treatment of Al Doura Oil Refinery Wastewater Turbidity using Magnetic Flocculation	Muzher M I Al doury,Hadeel A I Al samerrai,	2019	Tikrit Journal of Engineering Sciences 26, 1, 1 - 8	Iraq
00001-06688	Repairing of Reactive Powder Concrete T-Beams Containing Web Opening by CFRP Strips	Mazin B Abdulrahman,Husham Mohammed Rashid,	2019	Tikrit Journal of Engineering Sciences 26, 1, 9 - 19	Iraq
00001-06705	Effect of Adding Mixture of (Concrete Waste and Asphalt Waste) on the Properties of Gypseous Soil	Adnan Jayed Zedan,Rizgar Ali Hummadi,Sarah Abdullah Hussein,	2019	Tikrit Journal of Engineering Sciences 26, 1, 20 - 25	Iraq
00001-06715	Kinetic Study of Carbon Dioxide Reaction with Binding Organic	Sanaa Rabie Saleh,Ahmed Daham Wiheeb,	2019	Tikrit Journal of	Iraq

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00001-06745	Mechanical and Structural Properties of a Lightweight Concrete with Different Types of Recycling Coarse Aggregate	Muyasser M Jomaa'h,Baraa Thaar Kamil,Omer S Baghabra,	2019		Tikrit Journal of Engineering Sciences 26, 1, 33 - 40	Iraq
00001-06756	Finite Element Analysis for RC Deep Beams under an Eccentric Load	Bashar A Mahmood,Khalaf I Mohammad,	2019		Tikrit Journal of Engineering Sciences 26, 1, 41 - 50	Iraq
00001-06772	Flexural Behavior of Concrete Composite Beams with New Steel Tube Section and Different Shear Connectors	Amer M Ibrahim,Wissam D. Salman,Fahad M Bahlol,	2019		Tikrit Journal of Engineering Sciences 26, 1, 51 - 61	Iraq
00001-06782	Appraisal of Risk Factors which Influence the Construction of the School Buildings in Northern Iraq	Khalil Ismail Wali,Nazik Imad Saber,	2019		Tikrit Journal of Engineering Sciences 26, 2, 1 - 8	Iraq
00001-06795	The Performance Prediction of The Mixed Convection In an Inclined Circular Tube Filled Porous Media Based on an Intelligent Control	Musa Mustafa Weis,	2019		Tikrit Journal of Engineering Sciences 26, 2, 9 - 14	Iraq
00001-06804	Strength of Reinforced Reactive Powder Concrete Hollow Beams	Mazin B Abdulrahman,Saba Muayad Mahmood,	2019		Tikrit Journal of Engineering Sciences 26, 2, 15 - 22	Iraq
00001-06808	Crude Oil Desalting Using Multi-Surfactant Based on a Best Dosage, Solvent and Mixing Ratio	Ali Hussein Khalaf,Mohammed Salah Rajab,	2019		Tikrit Journal of Engineering Sciences 26, 2, 23 - 27	Iraq
00001-06811	Utilization of CO ₂ in Flue Gas for Sodium Bicarbonate Production in a Bubble Column	Zaid A Abdel-Rahman,Zeyad A Abdullah,	2019		Tikrit Journal of Engineering Sciences 26, 2, 28 - 38	Iraq
00001-06812	Effect of the Gyroscopic Moment, Centrifugal Force and Hydroplaning on the Critical Speed of the Vehicle	Ibrahem A Muhsin ,Abdalrahman M Shwikh,	2019		Tikrit Journal of Engineering Sciences 26, 2, 39 - 48	Iraq
00001-06813	Assessment of the Affecting Elements on the Quality of Life and Human Well-Being in Congested Urban Centers; Case Study: Sulaymaniah City	Othman Kareem Mohammed,Hoshyar Qadir Rasul,	2019		Tikrit Journal of Engineering Sciences 26, 2, 49 - 58	Iraq
00001-06864	Assessment of Groundwater Vulnerability Using Lulc Map and DRASTIC Technique in Bahr AL-Najaf Area, Middle of Iraq	Ali H. Al-Aboodi,Zaid N. Hashim,	2019		Tikrit Journal of Engineering Sciences 26, 3, 1 - 9	Iraq
00001-06869	Modeling and Simulation of a Desiccant Evaporative Cooling System	Omar M Hamdoon,Burhan M Al-Ali,	2019		Tikrit Journal of Engineering Sciences 26, 3, 10 - 18	Iraq

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00001-06879	Developing A New Empirical-Computational Method, for Accurate AcidBase Quantitative Analysis	Owolabi Rasheed Uthman,Akinjide Abayomi Akinola,Mohammed Awwal Usman,Abubakar Adepitan,	2019	Tikrit Journal of Engineering Sciences 26, 3, 19 - 30	Nigeria
00001-06888	PHENOL REMOVAL FROM SYNTHETIC WASTEWATER USING BATCH ADSORPTION SCHEME	Muzher Mahdi Ibrahim Al-Doury,Maadh Hasan Alwan,	2019	Tikrit Journal of Engineering Sciences 26, 3, 31 - 36	Iraq
00001-06895	MECHANICAL PROPERTIES OF RECYCLED AGGREGATE CONCRETE WITH STEEL FIBER: A REVIEW	Ashtar S Al-Luhybi,	2019	Tikrit Journal of Engineering Sciences 26, 3, 37 - 42	Iraq
00001-06901	BEARING CAPACITY OF STRIP FOOTING ON LIME STABILIZED EXPANSIVE CLAYEY SOIL	Amina A Khalil,Mohammed N J Alzaidy,Zeena Ahmed Al-Kazzaz,	2019	Tikrit Journal of Engineering Sciences 26, 3, 43 - 50	Iraq
00001-06910	Design of Multivariable Control System of a Distillation Tower via Simulation Using MATLAB/Simulink	Duraïd Fadhil Ahmed,Mohanad Y Nawaf,	2019	Tikrit Journal of Engineering Sciences 26, 3, 51 - 61	Iraq
00001-06919	Influence of the Yttria and Graphite Particles on the same of Al 2024 Alloy Properties	Raed N Razooqi,Ahmed A Akbar,Mohanad L Hamada,	2019	Tikrit Journal of Engineering Sciences 26, 4, 1 - 7	Iraq
00001-06929	The Effect of Dry and Wet Bulb Temperature Variation on the Performance of the Indirect Evaporative Cooler	Maki Haj Zaidan,Fayadh Mohamed Abed,Ali Sinjar Farhad,	2019	Tikrit Journal of Engineering Sciences 26, 4, 8 - 15	Iraq
00001-06942	MECHANICAL CHARACTERISTICS OF LIGHTWEIGHT CONCRETE ENHANCED BY FLY-ASH AND STEEL FIBER	Arkan Khaleel Ahmed,Bayer Jaafar Al-Sulayvany,Muyasser Mohammed Jomma`h,	2019	Tikrit Journal of Engineering Sciences 26, 4, 16 - 25	Iraq
00001-06950	Assessment of Tigris River Water Quality Using Multivariate Statistical Techniques	Muntasir A Shareef,	2019	Tikrit Journal of Engineering Sciences 26, 4, 26 - 31	Iraq
00001-06959	The Attitude of Load-Deflection for Concrete Beams with Polymer Reinforcement	Ahmed Sagban Saadoon,Abdulnasser Mohammed Abbas,Ali Abdulhasan Khalaf,	2019	Tikrit Journal of Engineering Sciences 26, 4, 32 - 37	Iraq
00001-06969	Effect of the Horizontal Perforated Plates on the Turbidity Removal Efficiency in Water Treatment Plant of Tikrit University	Ahmed Khaleel Ibrahim,	2019	Tikrit Journal of Engineering Sciences 26, 4, 38 - 42	Iraq
00001-06980	Study the Effect of Granules Type of The Porous Medium on The Heat Transfer Enhancement for Double Pipe Heat Exchanger	Ehsan F. Abbas,Shagul S Mohammed,	2019	Tikrit Journal of Engineering Sciences 26, 4, 43 - 49	Iraq
00001-06986	High Capacity Audio Steganography Based on Contourlet Transform	Abbas Salman Hameed,	2018	Tikrit Journal of Engineering Sciences 25,	Iraq

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00001-06994	Developing Recognition System for New Iraqi License Plate	Ghassan Khazal Ali,	2018	1, 1 - 7 Tikrit Journal of Engineering Sciences 25, 1, 8 - 11	Iraq
00001-07003	OFDM Channel Estimation Enhancement using Null Subcarriers	Abdulmunem Ahmed Mohammed,	2018	Tikrit Journal of Engineering Sciences 25, 1, 12 - 17	Iraq
00001-07011	Effect of Alton Kopri Wastewater on Lesser-Zab Raw Water	Evan Ogestin Slewa,Wali Ali Abdullah,Shuokr Qarani Aziz,	2018	Tikrit Journal of Engineering Sciences 25, 1, 18 - 26	Iraq
00001-07015	Optimum Tendon Placement for Post Tensioned S.S. Beam with Variable Eccentricity	Rabi` M Najem,	2018	Tikrit Journal of Engineering Sciences 25, 1, 27 - 35	Iraq
00001-07021	Channel Capacity Improvement of MIMO Communication Systems using Different Techniques	Shahir Fleyeh Nawaf,	2018	Tikrit Journal of Engineering Sciences 25, 1, 36 - 41	Iraq
00001-07028	Cost and Time Risk Management in Construction Projects	Yousif Salam Saeed,	2018	Tikrit Journal of Engineering Sciences 25, 1, 42 - 48	Iraq
00001-07035	Evaluation of a Number of Water Treatment Plants in Kirkuk Governorate using the Water Quality Index	Rodhan Abdullah Salih,Idan I Ghdhban,AbdulRazaq Khader Abdul Wahid,	2018	Tikrit Journal of Engineering Sciences 25, 1, 49 - 59	Iraq
00001-07042	A Computer Program for Estimating the Sediment Load Entering the Right Side of Mosul Dam Reservoir	Muayad Saadallah Khaleel,Mohammed Qusay Mahmood,	2018	Tikrit Journal of Engineering Sciences 25, 1, 60 - 68	Iraq
00001-07057	Effect of the Combined Pollution of Brick Industry and Sandstorms on the Performance of High Voltage Insulators and Flashover Phenomenon	Israa Amer Dahham,	2018	Tikrit Journal of Engineering Sciences 25, 1, 69 - 73	Iraq
00001-07063	Enforcement of Epoxy with Silica Fume and Carbon Fiber	Amer Hameed Majeed,	2018	Tikrit Journal of Engineering Sciences 25, 1, 74 - 77	Iraq
00001-07067	Load Frequency Control for Twoarea Multi-Source Interconnected Power System using Intelligent Controllers	Arkan Ahmed Hussein,	2018	Tikrit Journal of Engineering Sciences 25, 1, 78 - 86	Iraq
00001-07073	The Dynamic Behavior and Control of Absorption Column	Duraïd Fadhil Ahmed,Sahar A Ahmed,	2018	Tikrit Journal of Engineering Sciences 25, 2, 1 - 11	Iraq
00001-07079	Use Wiki for Building an On-Line Collaborative Learning	Ann Z Ablahd,	2018	Tikrit Journal of	Iraq

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00001-07088	Numerical Simulation for Estimating Energy Dissipation over Different Types of Stepped Spillways and Evaluate the Performance by Artificial Neural Network	Asmaa Abdul Jabbar Jamel,	2018	Tikrit Journal of Engineering Sciences 25, 2, 18 - 26	Iraq
00001-07100	A Study of Two- Dimensional Non Linear Model of Truck Vehicle and its Impact on Determining the Maximum Speed of Driver Comfort	Salim Y Kasim,Raaid M Hameed,	2018	Tikrit Journal of Engineering Sciences 25, 2, 27 - 34	Iraq
00001-07103	Empirical Equations to Estimate Evapotranspiration in Mosul City	Haqqi Ismail Yasin,Luma Fuaad Abdullah,	2020	Tikrit Journal of Engineering Sciences 27, 4, 98 - 102	Iraq
00001-07111	Analysis, Modeling, and Design of a Reliable Wide Area Network Case Study for Tikrit University Intranet	Musaria Karim Mahmood,Sufyan Hazaa Ali,brahim Khalil Sileh,	2018	Tikrit Journal of Engineering Sciences 25, 2, 35 - 39	Iraq
00001-07120	Experimental Study on Bond Behavior between Rusty Steel Reinforcement and Concrete	Majed A Khalaf,Fareed H Majeed,	2018	Tikrit Journal of Engineering Sciences 25, 2, 40 - 51	Iraq
00001-07133	The Effect of Frying Conditions on Sunflower Oil Attributes	Hanadi Sibai,Huda Alrifaie,	2018	Tikrit Journal of Engineering Sciences 25, 2, 52 - 58	Syrian Arab Republic
00001-07151	HYBRID CFD-ANN SCHEME FOR AIR FLOW AND HEAT TRANSFER ACROSS INLINE FLAT TUBES ARRAY	Ataalah Hussain Jassim,M M Rahman ,Khalaf Ibrahim Hamada,M Ishak ,Tahseen Ahmad Tahseen,	2018	Tikrit Journal of Engineering Sciences 25, 2, 59 - 67	Iraq
00001-07156	Physical Properties of Gypseous Soil after Gypsum Removal using EDTA Solution	Farouk M Muhauwiss,	2018	Tikrit Journal of Engineering Sciences 25, 2, 68 - 73	Iraq
00001-07166	Experimental and Numerical Study of Heat Transfer Enhancement in a Shell and Tube Heat Exchanger using Helical Coiled Wire Inserts	Ehsan Fadhil Abbas,Musa Mustafa Weis,Ahmed Sami Ridha,	2018	Tikrit Journal of Engineering Sciences 25, 2, 74 - 79	Iraq
00001-07176	Study the Effect of Serial Inductance on Reducing the Current Harmonic Distortion of Three-Phase Bridge Rectifier	Ghanim Thiab Hasan,Muhamad Omar Salih,Ali Hlal Mutlaq,	2018	Tikrit Journal of Engineering Sciences 25, 3, 1 - 4	Iraq
00001-07180	Efficient T-OOFDM System to Mitigate the Dispersion of LongHaul Optical Fiber Channel at WANS	Mohammed Shweesh Ahmed,	2018	Tikrit Journal of Engineering Sciences 25, 3, 5 - 11	Iraq
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00001-07184	Position Control of Solar Panel Receiver by Joint Generated Power and Received Signal Power Maximization	Bassam Fadel Mohammed,	2018	Tikrit Journal of Engineering Sciences 25, 3, 24 - 29	Iraq
00001-07224	Ductility Improvement of R.C Beams with Large Web opening by using Reactive Powder Concrete Layers	Husain Khalaf Jarallah,Nidaa Qassim Jassim,	2018	Tikrit Journal of Engineering Sciences 25, 3, 30 - 39	Iraq
00001-07233	Total Head Evaluation using Exact and Finite Element Solutions of Laplace Equation for Seepage of Water under Sheet Pile	Aram Mohammed Raheem,	2018	Tikrit Journal of Engineering Sciences 25, 3, 40 - 46	Iraq
00001-07245	The Impact of Width of the Air Gap Channel on the Mass Flow Rate, Rayleigh Number, and Efficiency of Passive Solar Heating System	Ehsan F. Abbas,Shayma A Azat,	2018	Tikrit Journal of Engineering Sciences 25, 3, 47 - 52	Iraq
00001-07257	Viscosity Effect on Stiffness of Non-conventional (Five Tilted Pads) Journal Bearing	Mohammed Oawed Atteaa Alhassany,Ali Khalid Aldulaimy,	2018	Tikrit Journal of Engineering Sciences 25, 3, 53 - 57	Iraq
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00001-07282	Application of Dynamic Cone Penetration Test to Gypseous Soils	Ahmed A H Al-Obaidi,Qudama A A Al-Ashoishi,	2018	Tikrit Journal of Engineering Sciences 25, 4, 1 - 5	Iraq
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00001-07304	Optimum Building Wall Thickness under Actual Weather Conditions for Kirkuk City	Mousa M Waes,	2018	Tikrit Journal of Engineering Sciences 25, 4, 11 - 15	Iraq
00001-07312	Effects of Rice Husk Ash– Magnesium Oxide Addition on Wear Behavior of Aluminum Alloy Matrix Hybrid Composites	Mohammed N Ibrahim,Mohamed K Hussein,Abbas Y Awad,	2018	Tikrit Journal of Engineering Sciences 25, 4, 16 - 23	Iraq
00001-07324	Effect of Fluidized Bed Particle Size on Heat Transfer Coefficient at Different Operating Conditions	Ehsan Fadhil Abbas,Sarah Burhan Izat,	2018	Tikrit Journal of Engineering Sciences 25, 4, 24 - 29	Iraq
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00001-07344	Flexural Behavior of Reinforced Concrete One-Way Slabs with Different Ratios of Lightweight Coarse Aggregate	Muyasser M Jomaa`h ,Shamsad Ahmed,Hussein M Algburi,	2018	Tikrit Journal of Engineering Sciences 25, 4, 37 - 45	Iraq
00001-07356	Effect of Colored Filters on PV Panels Temperature and Performance under Baghdad Meteorological Condition	Abdulmunem R.Abdulmunem,Abdullateef A Jadallah,Hisham Assi Hoshi,Mohammed Hassan Jabal,	2018	Tikrit Journal of Engineering Sciences 25, 4, 46 - 50	Iraq
00001-07364	Tensile Strength, Micro-hardness and Microstructure of Friction-StirWelding AA6061-T4 Joints	Najeeb Salman Abtan,Ataalah Hussain Jassim,Mustafa S M Al-Janabi,	2018	Tikrit Journal of Engineering Sciences 25, 4, 51 - 56	Iraq
00001-07372	Control Techniques of Torque Ripple Minimization for Induction Motor	Thamir Hassan Atyia,	2018	Tikrit Journal of Engineering Sciences 25, 4, 57 - 63	Iraq