


Published Researches in scientific journals 2016

	Research Title	Researcher	Journal	Year
1	Experimental investigation of performance parameters of direct injection diesel engine fuelled with diesel and ethanol blends	Sa'adi Turaid Kurdy	IJSCE,ISSN2231-2307 VOL.5 ISSUE 6	2016
2	IMPROVING THE MECHANICAL PROPERTIES OF CK35 STEEL USING ND: YAG LASER SURFACE HARDENING	khansaa D. Mohannad Zedan K.	Journal of Engineering and Development Vol. 20, No. 02 /ISSN 1813-7822)	2016
3	Numerical investigation of three dimensional laminar jet	Jalal M.jalil	Al-Mansur,no.26	2016
4	Numerical and experimental investigation of using inner longitudinal fins in a rectangular encapsulation on the pcm melting behaviors	Jalal M.jalil Akram Hamza A.	Journal of Engineering and Development	2016
5	Modeling and modification for distribution transformer	Ibtisam A. Hassan Sahar Radi Farag	Al Qadisiyah forEngineering Sciences,	2016
6	APPLICABILITY OF USING THERMAL STORAGE MATERIALS IN SOLAR AIR HEATER	Abdul Munam A. Akram Hamza A.	The Iraqi Journal For Mechanical And Material Engineering,vol.34 part A No.5	2016
7	Thermal Storage Efficiency Enhancement for Solar Air Heater Using aCombined SHSm and PCM Cylindrical Capsules System:Experimental Investigation	Akram Hamza A.	Engineering Technology,vol.34 part A No.5	2016
8	Experimental Comparison Between Conventional Coolants and (TiO ₂ /Water) Nano fluid to select the best Coolant for Automobiles in Iraq's Summer Season	Abdul Munam A.	Engineering Technology,vol.34 part A No.5	2016
9	Theoretical Temperature Distribution Investigation in Electrical Transformer by Using Nano-Technology	Ibtisam A. Hassan Sahar Radi Farag	Engineering Technology,vol.34 part A No.12	2016
10	Design and Implementation of PIR-Array to ReducePower Consumption for Iraq's Households	Nithal Yosif .A	Journal of babylon university of engineering	2016

			sciences,NO.4 VOL.24	
11	Strain Behavior at Crack Tip in Thin Plate Using Numerical and Experimental Work	Basam Ali .A	Engineering Technology,vol.34 part A No.3	2016
12	Using smart control system to enhancement the split air conditioning system performance	Jamal Abd alkareem .A Faraj mahal.A	al- khwarizmi engineering journal ,Vol.12 No.4 p.p.36-49	2016
13	NLMS Adaptive Filter Algorithm Method for GPS Data Prediction	Sameer Abdul alkhalik .A Mohammed abdul alrazaq A	Engineering Technology,vol.34 part A No.6	2016
14	High Biometric Recognition Based on Histogram and Semi-discrete Matrix Decomposition via Neural Network	Sameer Abdul alkhalik .A Ikbal Hussien .A	Engineering Technology,vol.34 part A No.12	2016
15	performance evaluation of the vertical axis wind turbine with various rotor geometries	Abdul altateef Jad .A	qadisiyah journal of science and technonlgy ,23 (1) 1-9	2016
16	Prediction Fatigue Life of Aluminum Alloy 7075 T73 Using Neural Networks and Neuro-Fuzzy Models	Mostafa Sami .A Nazhat Abd	Engineering Technology,vol.34 part A No.2	2016
17	Comparing Kalman Filter and Dynamic Adaptive Neuro Fuzzy for Integrating of INS/GPS Systems	Sameer Abdul alkhalik .A	Engineering Technology,vol.34 part A No.1	2016
18	Experimental and Theoretical Study for the Effect of Diesel Fuel Quality Produced in Iraq on Ignition Delay Period	Sa'adi Turaid Kurdy	Engineering Technology,vol.34 part A No.12	2016
19	Fungi Colonies Effect on Fatigue Behavior of 7075Al Alloy	Hussien Jassiem M.	Engineering Technology,vol.34 part A No.7	2016
20	Fungi Colonies Effect on Fatigue Behavior of 7075Al Alloy	Hussien Jassiem .A	Engineering Technology,vol.34 part A No.8	2016

21	Dynamic Buckling Behavior for 304 Stainless Steel Columns Using Electrical LASER Alarm System	Hussien Jassiem .A Ikbal Hussien .A	Engineering Technology,vol.34 part A No.11	2016
22	Evaluation of Noise Level: Experimental Case Study for Some External Arenas in the University of Technology at Baghdad	Iman Farook .A	Engineering Technology,vol.34 part A No.11	2016
23	SUGGESTION RBFNN MODEL FOR THICK COMPOSITE LAMINATED PLATES STRESS ANALYSIS	Hateem Kareem .A	The Iraqi Journal For Mechanical And Material Engineerin,Vol.16, No2	2016
24	Effect of laser treatment on fatigue test for composite Material with presence of steel reinforcement	Iseel Jassiem .A	The Iraqi Journal For Mechanical And Material Engineering,Vol.16, No1	2016
25	IMPROVEMENT THE DFIG ACTIVE POWER WITH VARIABLE SPEED WIND USING PARTICLE SWARM OPTIMIZATION	Hussien thany .A	Diyala journal of science and engineering,Vol. 09, No. 02, pp. 12-22	2016
26	IMPROVINGSTARTINGCHARACTERISTICS OF SQUIRREL-CAGE MOTOR BY USING V/F CONTROL METHOD	Hashmiya Sharad .A	Al Qadisiyah forEngineering Sciences,VOL.9 NO.2	2016
27	Design and simulation of switched-capacitor PID control system using lapview simulato	Riyarh adnan .A	Journal of babylon university of engineering sciences.NO.5 VOL.24	2016
28	Fatigue model of bearing steel based on stressed volume	Aseel Abd albaqi.A	Materials science and technology,ISSN: 0267-0836	2016