

CONTENTS

Article No.	Title	Page
1.	Effect of Current -Welding on the Corrosion Behavior of Low Carbon Steel (1020) TIG Welding Joints. <i>H. Majeed Mohammad</i>	1
2.	Digital Cyber Forensics Contribution for Email Analysis. <i>Sally Dakheel Hamdi, Abdulkareem Merhej Radhi</i>	9
3.	The Effects of Adding Nano ZrO ₂ On The Physical and Some Mechanical Properties of Cement Paste. <i>Ahmed Hussein Ali, Mohammed Ramaid Gharkan , Sarmad Imad Ibrahim</i>	20
4.	Heat Transfer Inside Building- Cladding Solar Collector. <i>Ahmed Mohsin Abdulmalik, Dr basim Freegah, Dr Basima salman khalaf, Dr. Mohammed H. Alhamdo</i>	26
5.	Environmental Performance Evaluation of Some Industrial Firms Due to Iso 14031 Standard <i>Dr. Mohammad Ali Al-Anbari, Dr.Nagam Obaid Kareem, Hala Emad Al-Hashimi</i>	35
6.	Mobile Robot Motion Control Based on Chaotic Trajectory Generation. <i>Ammar Ibrahim Majeed</i>	49
7.	Robust Hybrid Features Based Text Independent Speaker Identification System Over Noisy Additive Channel. <i>Ali Muayad Jalil, Dr. Fadhel Sahib Hasan, Dr. Hesham Adnan Alabbasi</i>	57
8.	Nano - Silica (SiO ₂) Contribution to Mechanical and Microstructural Characteristics of High Performance Concrete Pavement. <i>Dr. Nahla Yassoub Ahmed, Fatimah Fahem Alkhafaji</i>	72
9.	A Comparative Study About Lithium Bromide-Water and Lithium Chloride-Water Solutions in Pumpless Absorption Solar Cooling Systems in Iraqi Circumstances. <i>Noora Abdalwahid Hashim, Dr. Muna Sabah Kassim</i>	80
10.	Torsion Enhancement of Reinforced Self-Compacting Concrete Box Beams Using Internal Framed Steel Stiffening Ribs. <i>Sabah Hashim Muhammed, Dr. Ali Hameed Aziz</i>	89
11.	Evaluation the Effect of Waste Lo-Density Polythlene and Crumb rubber on Physical Properties of Asphalt <i>Yassir Abo Almaali · Shakir Al-Busaltan</i>	104