



Page No.	Papers Titles
1 - 12	*Analysis of the Daylighting as a Sustainable and Architectural Elements for Al-Kadhima in Shrine in Baghdad, Iraq <i>-Mahmood Rezoooky Janjun & Wisam Jaber Shamkhi & Rawaa Abd Munaf Alshalah & Nada A. K. Mubark</i>
13 - 26	*Improvement the characteristic of Face Mask by Addition Arabic Gum or Activated Charcoal to Biopolymers <i>-Abeer Adnan Abd</i>
27 - 48	*Hybrid Carrier-Based Pulse Width Modulation Techniques for Leakage Current Suppression in Five Level Cascaded H-Bridge Solar Inverter: A comparative Study <i>-Sajjad R. Hameed & Tahani H. AL- Mhana</i>
49 - 62	*Greywater Treatment and Sustainability: Literature Scientmetric Analysis by VOS Viewer <i>-Ahmed Makki Al-Sulaiman & Dhuha Khalid Alam</i>
63 - 77	*Ampicillin Removal in Situ Oxidation Using a Double-layer-cathode Trickle Bed Electrochemical Reactor (TBER) <i>-Ghassan H. Abdullah & Asmar H. Saleh</i>
78 - 98	*Fabrication and Characterization of Core Shell $\text{Fe}_3\text{O}_4/\text{SiO}_2$ /P-AM Nanocomposites for Efficient Cu (II) ions Adsorption from Waste Water <i>-Zahra A. Ismail & Usama A. Saed^b</i>
99 - 111	*Preparation and Characterization of $\text{Zn}_{0.9}\text{Sc}_{0.1}\text{O}$, $\text{Zn}_{0.9}\text{Mn}_{0.1}\text{O}$ Particles and Comparison with the Pristine ZnO-NPs by Using Co- precipitation Method <i>-Mariam ghassan & Shaker J. Edrees</i>
112 - 126	*Maximum modelling One-dimensional Flow in Shatt Al-Hillah in the Middle of Iraq: A case Study <i>-Faiz H. Al-Merib & Baneen M. H. Al-khafaji</i>
127 - 139	*Overview of Optical Wireless Networks Technology Underwater <i>-Iman Ahanian & Hazim Adnan Mahdi & Haider J. Abd</i>
140 - 157	*The Development of Strain Hardening Behaviour of Engineered Cementitious Composite Reinforced by Carbon Fiber <i>-Noor Al-Hayo & Ali N. Al-Gemeel</i>
158 - 176	*Modeling of Sediment Transport Upstream and Downstream a Barrage: A review <i>-Zainab Ali Omran & Nassrin Jassim Almansori</i>
177 - 188	*Studying the Effect of Improving the Weak Subgrade by Use Halloysite Nanotubes on the Performance of Pavement Layers Using the Kenpave Program <i>-Itimad Abdulmahdi Mukheef & Abdul Rudha I. Ahmed Al – Kremy & Ibtehaj Taha Jawad</i>
189 - 204	* Literature Review of Federated Learning in Various Applications, Challenges, and Emerging Research Directions <i>-Tiba Saad Mohammed & Hilal Al-Libawy</i>