CONTENTS

Title : Characterization of Electrical Breakdown for Low and High Pressure Hydrogen Gas in Coaxial Virtual Cathode Device.
Authors: A.M. Shagar, F. A. Ebrahim, M. A. Abd Al-Halim and M. E. Abdel-kader.

Title : Leaching and Precipitation of Thorium Ions from Cataclastic Rocks, Abu Rusheid Area, South Eastern Desert, Egypt.

Title : The Influence of Fire Retardant (Aluminum Hydroxide) Concentrations on EPDM Rubber Under γ Irradiation.
Authors: Samaa. A. Wasfy, Elham M. Hegazi, A.A. Abd El-megeed, T. S. Mahmoud, E.Y.El-Kady

Title : Recovery of Yttrium and Dysprosium from the Rare Earth Concentrate, Southwestern Sinai, Egypt.
Authors: Mohamed M. Fawzy and Saleh M. Elhady.

Title : Production of Lightest Neutral MSSM Higgs Boson in Association with Neutralinos at Electron Positron Colliders.
Authors: Ibrahim S. Mahmoud, T. A. El-Azim.

Title : A Comparative Study of Volumetric Brain Tumor Measurements Using Different Manual Methods.
Authors: Mohammed Elywa.

Title : Evaluation of Potential Hazards Associated With Qattara Depression as a National Hydropower Project in Egypt.
Authors: W.M. Moustafa, R.A. Hussien and N. Nassar.
Title : Environmental Impact of Conventional Power Plant in Normal and Accidental Conditions.
Authors: F.S. Tawfik, N. Nassar and M.A.H. Abdel Aziz.

Title : Performance of the Secondary Townsend Emission through the Electric Discharge Characteristics in Coaxial Vircator.
Authors: A.M. Shagar, S.T. Abd El-Latif and F. A. Ebriham

Title : Experimental Work for Minimizing Transmission Power Losses Using Nanotechnology.
Authors: Amal F. Abdel Gawad, Mohamed Taalab, A. ElSebaei, and N. S. Ali.

Title : Improvement of Nitrogen Fertilization Practices for Efficient Use by Wheat Irrigated With Saline Water under Mulching Using 15N Technique.

Title : Parameters Affecting $^{137}$Cs Migration within Soil Profile.
Authors: S.M. SEFIEN, A.S. IBRAHIM, W.E.W. ABDELMALIK.

Title : Radioiodination and Biological Evaluation of Tizanidine as a Potential Brain Imaging Agent.

Title : Neutronic Analysis of Heavy Water Application in HPLWR Emergency Core Cooling System.
Authors: S. Tashakor.

Title : Creep Behavior of β Cu-Zn Alloys
Authors: Mohammed A.Z., Abd El-Aziz El.Z., Attia A.M, and Mahmoud O.F.