## **IRAQI JOURNAL OF APPLIED PHYSICS**

## Volume (12), Issue (4), October-December 2016 CONTENTS

Instructions to Authors	2
Peer-Reviewed Research Works in Applied and Nonlinear Optics in Iraq 2005-2015 (Review Article) O.A. Hammadi, R.A. Khamis, W.K. Hamoudi, R.A.W. Ismail, D.N. Raouf	3-8
Structural Characteristics of Nickel Ferrite Nanoparticles Synthesized by New Arrangement of Concentric Targets in DC Reactive Magnetron Sputtering F.J. Kadhim, R.A. Mohammed	9-12
Preparation and Characterization of Silicon Dioxide Nanostructures by DC Reactive Closed-Field Unbalanced Magnetron Sputtering M.A. Hameed, Z.M. Jabbar	13-18
Employment of Magnetron to Enhance Langmuir Probe Characteristics of Argon Glow Discharge Plasma in Sputtering System O.A. Hammadi, W.N. Raja, M.A. Saleh, W.A. Altun	19-28
IJAP Subject Index 2005-2016	29-35
IJAP Author Index 2005-2016	36-40
IJAP Copyright Release Form	43
Contents	11