**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **36** | **Distressing Factors Experienced by Jordanian Adolescents with Cancer: A Qualitative Study**Ghada Mohammad Abu Shosha  |  | **308-316** |
| **37** | **Nutritional Assessment of Patients under Hemodialysis in King Faisal Hospital in Makkah, Saudi Arabia**Samaa S. El-Soadaa, Amany M. Abdelhafez Seham E. Zahran |  | **317-326** |
| **38** | **A Comparison of Depressional Status and Associated Factors among Residents of Geriatric Homes and Elderly Attending Outpatient Clinics in Suburban Community** Samia Kattab Abd El-Rahman |  | **327-337** |
| **39** | **Amendment of Saudi Arabia Public Works Contract from Fixed-Price to Price Adjustment Contract** Eissa Asiri , Ahmad Al-Dokhmasey and Moheeb El-Said  |  | **338-346** |
| **40** | **Prevalence of mechanical neck pain in Taif university female students: a survey study** Nevein M M Gharib and Nashwa S Hamid |  | **347-354** |
| **41** | **Personality Traits versus Management Performance Case Study: Middle School Superintendents in****Kermanshah Province, Iran**Younes Nazari, Mohammad Gholami Mehrabadi, Mohammad Ali Sheikhi, Mohammad Ghasem Mirzaie |  | **355-360** |
| **42** | **Aggregate Blending Model for Hot Mix Asphalt Using Linear Optimization** Khaled A. Kandil and Al-Sayed A. Al-Sobky |  | **361-365** |
| **43** | **The application of word «Tree» in Molana's poems** Mehri Jamali Motlagh |  | **366-370** |
| **44** | **A Process Model for New Product Development: A Multiple Case Study of Iranian Food Industry Companies**Reza Vaezi and Esmaeil Hasanpour Gharoughchi |  | **371-378** |
| **45** | **Histopathological effects of experimental phenylketonuria on 15 days albino rat placenta**Hala. M. Ebaid  |  | **379-386** |
| **46** | **Role of Tamsulosin Oral Control Absorption System and Alfuazocin in Shock wave Lithotripsy for Renal and Upper Ureteric Calculi**Yasser A. Badran, Tamer A. Ali, Mohamed A. Abd Elaal, Mahmud Ali, Adil Jamal and Ahmed Farouk Abdulall |  | **387-393** |
| **47** | **Learning Organization as a Model for Organizational Development Applied Study on The Banking Sector In Jordan**Hussien Al-Tarawneh, Moayyad Al-Fawaeer and Ayyuob alswalha |  | **394- 399** |
| **48** | **A study of Natural Radioactivity in the Welding Workshops Waste**Zain M. Alamoudi |  | **400-405** |
| **49** | **Epidemiology and clinical outcome of ICU-acquired Stress hyperglycemia in Critically ill Medical patients (Single center study)**Osama A. Khalil, Monkez M. Yuossef, Magda M. Sherif, Alsayed Alnahall and Ghonium M.E. |  | **406-413** |
| **50** | **Comparison and Optimization of Graphical Methods of Moldboard Plough Bottom Design Using Computational Simulation**Hamed Shahmirzae Jeshvaghani , Salman Khaksar Haghani Dehkordi , Mahmood Farouzandeh Samani , Hamidreza Rafeie Dehkordi   |  | **414-420** |
| **51** | **Child alimony in the jurisprudence and Islamic republic of Iran laws**Amir Ahmadi(M.A), Saber Afrasyabi(M.A)  |  | **421-423** |
| **52** | **Comparison of Critical Thinking, Achievement Motivation, and First Child Creativity with One child**Atefeh Kamaee, Parviz Askare, Alireza haidary  |  | **424-430** |
| **53** | **An Injection Locked Ring VCO with Enhanced Phase Noise for 2.4GHz Band ZigBee Applications**Fatemeh Talebi , Hassan Ghafoorifard,Samad Sheikhaei, Elias Soleiman  |  | **431-437** |
| **54** | **A survey of attachment styles and the social acceptance**Ali Siah Mansouri |  | **438-443** |
| **55** | **Impact of Nano-Particles on Static Performance of Surfactant Foams**Ali Heydarian, Riyaz Kharrat , Shahnaz Heydarian , Abdolnabi Hashemi   |  | **444-449** |
| **56** | **The effect of foam roller exercise and Nanoparticle in speeding of healing of sport injuries**Amany Waheed Ebrahim and Abeer Waheed Abd Elghany |  | **450-458** |
| **57** | **Antioxidant activity of celery in *vitro and vivo***Amnah, M. A .Alsuhaibani |  | **459-465** |
| **58** | **The Relationship between Emotional Intelligence and Academic Achievement of Students in Virtual Courses in Iran**Dr. Negin Barat Dastjerdi  |  | **466-470** |
| **59** | **Variable Selection Using Principal Component Analysis for Retail Shopping Experience in Saudi Arabia**Mohammad Imdadul Haque, Sajid Ali, Siraj Ahmad  |  | **471-479** |
| **60** | **Prediction of immediate settlement of shallow foundation over granular soils using small-strain stiffness** Abdolhosain Hadad, Reza Amini Ahidashti |  | **480-489** |
| **61** | **Personality Factors (Five-Factor Model, FFM) in Persian Male & Female Students: The Role of Brain Asymmetries**Amir Mohammad Shahsavarani, Hassan Ashayeri, Yalda Ghafourian Sharif, Morvarid Lotfian, Kolsoum Sattari, Mostafa Mohammadi, Iman Hosseini |  | **490-498** |
| **62** | **Perception of Knowledge, Attitude, and Behavior of Hand Hygiene among Nurses in the EmergencyDepartment at King Abdul-Aziz Hospital in Makkah Al Mukaramah**Prof. Youssreya Ibrahim, Dr. Hanan Said Ali, and Dr. EsraaEsamEldin Mohamed |  | **499-508** |
| **63** | **Impact of Order Batching on Compound Bullwhip Effect**Mina H. Mikhail ­, Mohamed F. Abdin  and  Mohamed A. Awad   |  | **509-514** |
| **64** | **Predicting pressure ulcer risk: a study of the predictive validity of the Braden scale at different health care settings**Samah Saad Salem Mohamed |  | **515-523** |
| **65** | **To Study the Implications of the Evaporation Duct for Ground Waves Path in Pakistan Coastal Water through Statistical Assessment**M. Waheed-uz-Zaman, Mustafa Jan  |  | **524-527** |
| **66** | **Turbo Expander Driven Induction Generator Power Quality Improvement Using Fuzzy-PI Controlled STATCOM**Mehdi Taleshian Jelodar, Hasan Rastegar, Hossein Askarian Abyaneh  |  | **528-536** |
| **67** | **Effect of Seaweed Extract on Fruiting of Hindy Bisinnara Mango Trees**Ahmed Y. Mohamed  and Osama A. M. El- Sehrawy  |  | **537-544** |
| **68** | **Needle free versus needle insulin injection on pain sensation among type 1 diabetic children in Saudi Arabia**Tahani Mohammed Al-Shammari, Magda Aly Hassan Essawy and Mohammed Hussein AL-Qahtani  |  | **545-553** |
| **69** | **Evaluation of Natural Products for Maintaining Gingival Condition and Preventing Caries during Orthodontic Treatment: Part II: Raisins**AL-Dany A.A., Hussein N Al-Khalipha Ramadan Y Abu Shahbaand Marwa Mostafa  |  | **554-560** |
| **70** | **Changes in the Pharyngeal Airway Spaces and Hyoid Bone Position Associated with Surgically Assisted RapidMaxillary Expansion**Raafat El Ghetany Hussein Al-Khaliph and Atef Hasanine  |  | **561-565** |
| **71** | **Synthesis of Some Medicinal and Biological Active (2E)-2-(5-Substituted 2-thienylmethylene)-4-oxo-4-arylbutanamides and (2E,3Z)-4-hydroxy-4-aryl-2-(5-substituted thien-2-ylmethylene)but-3-enohydrazides**Boshra M. Awad, Hanaa A. Saad, Ekhlass M. Nassar, and Eman M. Azmy |  | **566-577** |
| **72** | **Spiritual Intelligence in Prisoners and Non-Prisoners of Mazandaran Province**Ali Razipour Jouybari , Masoumeh Nozari, Azam Nozari  |  | **578-580** |
| **73** | **Manual vacuum aspiration: a safe and cost-effective substitute for dilatation and curettage on the surgical management of First-Trimester Abortion**Mohamed Abd Elzaher and Mohamed Bedew  |  | **581-585** |
| **74** | **Oxygen saturation level in children with adenotonsillectomy as a predictive factor for safe hospital discharge**Yasser Haroon and Yehia Hamed |  | **586-592** |
| **75** | **Uterine bacterial infection during postpartum delays the recrudescence of the reproductive traits in dairy cows**Faisal Omer Ahmed, Adil Salim Elsheikh |  | **593-598** |
| **76** | **Evaluation of the Protection conferred by heterologous attenuated live infectious bronchitis viruses againest an Egyptian variant IBV [EG/1212B]**Ali Zanaty; Abdel-satarArafa.Abdallah Selim.Mohamed Khalifa Hassan.Magdi Fathey El-Kady  |  | **599-606** |
| **77** | **Matching a Wind Turbine with a Self-Excited Induction Generator**Adel S. Nada and Saeed A. Al-Ghamdi  |  | **607-614** |
| **78** | **The Objective Structured Clinical Exam (OSCE): A Qualitative Study exploring Physical Therapy Student’s Experience**Amer Al Saif and Samira Alsenany  |  | **615-621** |
| **79** | **Study of the Efficacy of Combined RadioFrequency Ablation and Percutaneous Acetic Acid Injection in the Management of Hepatocellular Carcinoma**Ahmed Abdelalim, Mohamed Salah Ali and Aid Elgammal |  | **622-631** |
| **80** | **Evaluation of fibrin glue in inguinal hernioplasty**Mohamed S. Teama. |  | **632-638** |
| **81** | **Enhance the infectivity of Entomopathogenic nematode for the desiccation by novel methods.**Saheir F. El-Lakwah |  | **639-645** |
| **82** | **Evaluation of zinc in blood of cows suffering from inflammation of udder (mastitis)**Amjad T. Shaktur Ali M. Abohlfaia and Abdelrahman K. Najjar |  | **646-648** |
| **83** | **Oxidative stress biomarkers versus Magnetic Resonance Imaging (MRI) assessment in patients with tempromandibular disorders**Ahmed M Fleifel  and Yaser M. AlKhiary  |  | **649-655** |
| **84** | **Carcass Characteristics of Barki Lambs Slaughtered at Different Live Weights**M. F. Shehata |  | **656-664** |
| **85** | **Direct instantaneous power control of doubly-fed induction generator with constant switching frequency for wind energy conversion systems**Mohammad Pichan , Hasan Rastegar , Seyd Mojtaba Tabatabaei , Mohammad Monfared |  | **665-673** |