

CONTENTS

Original Articles

- 247 - 256 Cryopreservation and Genetic Stability Assessment of Threatened Medicinal Plant (*Ziziphora tenuior* L.) Grown Wild in Jordan
Hasan Al- Baba, Rida A. Shibli, Muhanad Akash, Tamara S. Al-Qudah, Reham W. Tahtamouni and Hamdan Al- Ruwaiei
- 257 - 262 Production and Characterization of a Recombinant Camel Full Heavy Chain Antibody against Human IgE
Sana' H. Yousef, Abdelrahman M. Rawashdeh, Raida W. Khalil², Sami K. Abdel-Hafez^{1,3} and Khaled M. Al-Qaoud
- 263 - 268 Entomotoxicity of *Xylopiia aethiopica* and *Aframomum melegueta* in Suppressing Oviposition and Adult Emergence of *Callasobruchus maculatus* (Fabricus) (Coleoptera: Chrysomelidae) Infesting Stored Cowpea Seeds
Jacobs M. Adesina, Adeolu R. Jose, Yallapa Rajashaker and Lawrence A. Afolabi
- 269 - 272 A New Record of Two Species of Hydra in Iraq: An Ecological and A Histological Study
Luay A. Ali, Yahya A. Shekha, Sherwan T. Ahmad and Falah M. Aziz
- 273 - 279 A Comparative Study of *in vitro* Antioxidant Activity and Phytochemical Constituents of Methanol Extract of *Aframomum melegueta* and *Costus afer* Leaves
Tinu Okugbo and Kelly Oriakhi
- 281 - 286 Effect of Faba Bean (*Vicia faba* L.) Varieties on Yield Attributes at Sinana and Agarfa Districts of Bale Zone, Southeastern Ethiopia
Ashenafi Mitiku and Mekuria Wolde
- 289 - 299 The Phytochemical and Antimicrobial Properties of the Extracts Obtained from *Trametes elegans* Collected from Osengere in Ibadan, Nigeria
Samuel I. Awala and Victor O. Oyetayo
- 301 - 306 The Potential Allelopathic Effects of *Varthenia iphionoides* and the Identification of Phenolic Allelochemicals
Saeid M. Abu-Romman, Moawiya A. Haddad and Khaldoun J. Al-Hadid
- 307 - 313 Identifying Selection Signatures Related to Domestication Process in Barley (*Hordeum vulgare* L.) Landraces of Jordan Using Microsatellite Markers
Nidal A. Odat, Maen K. Hasan, Maher S. Obeidat, Mohamad A. Shatnawi¹, Saeid M. Abu-Romman, Issam M. Qrunfleh, and Muhannad I. Massadeh
- 315 - 318 *Phlomis brachydon* Essential Oil Against Bacterial Biofilm
Sameeh Al- Sarayreh, Arwa Rawashdeh, Ibrahim Al-Tarawneh, and Mahmoud Al-Qudah
- 319 - 323 A Statistical Design Approach for Xylanase Production by *Aspergillus niger* Using Soybean Hulls: Optimization and Determining the Synergistic Effects of Medium Components on the Enzyme Production
Aliyu Salihu, Shuaibu M. Bala and Abbas Olagunju

Short Communication

- 325 - 326 A Note on the Karyotype of the Amphibian *Pelophylax bedriagae* from Jordan
Enas S. Al Satari, Nisreen A. Al Quraan, Rami Q. Alkhatib and Zuhair S. Amr