

Table of Contents

Volume 27, Issue 5 — May 2020

Research Articles

1.

Antibacterial activity of *Ecliba alba* L polyphenols on survivability of *Leptospira interrogans* in cooked rice and tea: a green antimicrobial strategy for safe food preparation

Sreenivasan Sasidharan, Rajandran R Kushha, Rajoo Amala, Ismail Aziah, Yeng Chen

2.

HIV-1 budding formation: Assembly of retroviral proteins and genome RNA packaging

Takuma Hayashi, Ikuo Konishi

3.

A survey on the student's knowledge on managing pain in endodontic infection

Mirela Marinova-Takorova, Elka Radeva

4.

An Empirical Research Project on a Substantial Energy Saving for the Facilities of the University of Jeddah (Main Campus)

Mamoun A Janajrah

5.

Detection of Surface-Defected Kernels in Wheat Seeds using Machine Vision

Neeraj Julka ,A. P Singh

6.

Effect of Using Resistance Exercise on Gene Expression of IGF1 and Physiological Parameters for Athletes

Mohammed Nader Shalaby, Mona Sakoury , Ellie Abdi , Shaimaa Elgamal , Shaimaa Elrkbwey , Wael Ramadan, Redha Taiar

7.

Demarking genotypic, phenotypic variability, broad sense heritability and principal components of sugarcane (*Saccharum officinarum* L.) genotypes for better yield, quality and resistance against sugarcane mosaic virus (SCMV)

Rana Abdullah Abbas1, Naeem Akhtar1*, Muhammad Imran Hamid2, Ahsan Aziz3, Talat Mahmood4, Shadab Shaukat1, Asif Tanveer5 and Sana Noureen1