Experimental investigation of gamma stirling engine coupling to convert thermal to cooling energy in different laboratory conditions

Published On: June 14, 2022 | Pages: 009 - 022

Author(s): Sareh Daneshgar, Rahim Zahedi and Hamidreza Asemi

The main aim of this research is to experimentally investigate the two coupled identical ST500 gamma-type Stirling engines and convert thermal energy to cooling energy. Using a new structure and two coupled Stirling engines at different temperatures and pressures and the use of biomass fuel within the 4 -8 bar average pressure range of the first engine heat source, th ...

DOI: 10.17352/gjbbs.000017

Treatment of diabetic muscular hyperplasia with natural and nutritional supplements

Published On: May 25, 2022 | Pages: 001 - 008

Author(s): Safir Ullah Khan* and Munir Ullah Khan

Skeletal muscle is an important part of the human body. Most glucose metabolism is accomplished by skeletal muscle through insulin mediation. Skeletal muscle metabolism disorder can affect glucose metabolic homeostasis and insulin sensitivity of the body, and diabetic muscular Hypoplasia is a secondary lesion of muscle tissue caused by diabetes. In recent years, it ha ...

DOI: 10.17352/gjbbs.000016