

In this issue

Research Article

[Open Access](#) [Research Article](#) PTZAID:ABSE-9-130

Optimization of viscoelastic behaviors of bioinspired asymmetric helicoidal CFRP composites using Taguchi Method

Published On: October 17, 2023 | Pages: 010 - 014

Author(s): Chidume Nwambu*, Ikechukwu Chibueze, Kelvin Iyebeye and Chilee Ekwedigwe

The dynamic mechanical properties play an important role in the selection of suitable materials in the manufacturing wing of aircraft and wind turbine blades. In this paper, the standard Taguchi method was used to examine the effect of inter-ply stacking angles of 0° (UD), 0/90° (cross-ply), 5°, 15°, 10°, 20°, 25° 30° and aging temperature (ambient temperature, 40o, 6 ...

[Abstract View](#) [Full Article View](#) [DOI: 10.17352/abse.000030](#)

Review Article

[Open Access](#) [Review Article](#) PTZAID:ABSE-9-129

A Multidisciplinary approach to innovations in biomedical engineering for improved patient care and well-being

Published On: August 04, 2023 | Pages: 001 - 009

Author(s): Ali Mohammadiounotikandi*

Biomedical engineering has experienced significant growth by combining engineering principles with biomedical sciences. This multidisciplinary approach has led to the development of innovative medical equipment, improved medical imaging techniques, advancements in tissue engineering and regenerative medicine, as well as the integration of data analysis and medical inf ...

[Abstract View](#) [Full Article View](#) [DOI: 10.17352/abse.000029](#)