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In this issue

Research Article

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

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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

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

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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 ...

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