

Table of Contents

Evaluation of Stability and Reliability of Motorized Unilateral External Fixator, Designed and Simulated using Finite Element Method to Treat Bone Fractures and Bone Loss.....	5
Alireza Bahramkia; Mehran Fakhraie; Salar Khajepour; Seyed Mohammad Tahami; Raheb Gholami	
Enhanced Microstructure and Mechanical Properties of A216 Steel by Friction Stir Processing.....	23
Gholamreza Khalaj; Gholamreza Ghaffari; Bahram Abdolmaleki	
Comparison of the Behavior of Martensitic and Ferrite Samples on Acoustic Emission Parameters.....	37
Ramin Khamedi; Mehdi Khosravi	
Analysis of Wrinkled Composite Membrane of Inflatable Antenna Using Shape Memory Allo.....	47
Ankit Pandey; V. Huzuer Saran; Suraj Prakash Harsha	
Impact of FSP Tool Probe Shape on Reinforcing Particles Dispersion in the Piston Alloy Using CEL Approach...	55
Mostafa Akbari; Hossein Rahimi Asiabarak; Ezatollah Hassanzadeh	
Simulation of Drug Release in a Polymer Screw.....	67
Amirhossein Badami; Sayed Hasan Mirtalaie	