

287. Attenuation for the Simple Expansion Chamber Muffler with a Right Angle Inlet
C.-H. Wu, C.-N. Wang
293. Failure Response of Two Serial Bolted Joints in Composite Laminates
F. Sen, O. Sayman
309. The Optimum Cage Position and Orientation on the ALIF with Facet Screw Fixation: A Finite Element Analysis and the Taguchi Method
C.-Y. Fan, C.-K. Chao, C.-C. Hsu, K.-H. Chao
321. The Optimal Design of Multi-Chamber Side Mufflers Equipped with Perforated Cross-Flow Tubes and Intruding Tubes Using Simulated Annealing
Y.-C. Chang, M.-C. Chiu
337. Computational Study of Oxygen and Glucose Transport in Engineered Cartilage Constructs
T.-H. Lin, C.-H. Lin, C. A. Chung
347. Effects of Flow Patterns on Aerodynamic Forces of a Square Cylinder at Incidence
R. F. Huang, B. H. Lin
357. A Self-Contained Portable Polymerase-Chain-Reaction System Integrated with Electromagnetic Mini-Actuators for Bi-Directional Fluid Transport
B. T. Chia, S.-A. Yang, M.-Y. Cheng, C.-W. Lin, Y.-J. Yang
365. Multi-Cross-Correlation Method in Particle Image Velocimetry
T.-W. Hsu, C.-Y. Shin, S.-H. Ou, Y.-T. Li
379. Predicting Failure Behavior of Polymeric Composites Using a Unified Constitutive Model
M. J. Vallejo, R. A. Tarefder
389. An Accurate Method for First and Second Derivatives of Dynamic Responses
Q. Liu, J. Zhang, L. Gu, L. Yan
399. A Circular Elastic Cylinder Under Extension
W.-D. Tseng, J.-Q. Tarn
409. Ceramics Toughening Mechanism Study of Mixed-Mode I-III Cracks with a New Yield Criterion
Z.-J. Yang, Z.-Q. Wang, L.-Q. Tang, X.-Y. Sun
415. Finite-Volume Multi-Stage Scheme for Advection-Diffusion Modeling in Shallow Water Flows
W.-D. Guo, J.-S. Lai, G.-F. Lin, F.-Z. Lee, Y.-C. Tan
431. Smoothing for the Optimal Surface of a 3D Image Model of the Human Ossicles
J.-F. Yu, C.-I. Chen, C.-L. Fan, C.-K. Chen
437. Bilateral Changes in Ground Reaction Forces in Patients with Unilateral Anterior Cruciate Ligament Deficiency During Stair Locomotion
H.-C. Lin, H.-C. Hsu, T.-W. Lu
447. An Axial Velocity Profile Method to Derive the Aortic Pulse-Wave Velocity in Diabetic Patients
C.-Y. Wen, A.-S. Yang, T.-R. Kuo, L.-Y. Tseng, J.-W. Chai
453. Modeling of the Propagation of a Reaction Front in Fixed Bed Combustion of Wood Particles
M. Bidabadi, M. S. Abedinejad, J. Fereidooni