

Contents

REVIEW ARTICLE

- 623** Thermal-Hydraulic Aspects of an Extruder for Tracer-Encapsulated Cryogenic Pellet: A Research and Historical Perspective
Shashi Kant Verma

RESEARCH ARTICLES

- 636** The Impact of Disruptions on the Economics of a Tokamak Power Plant
Andrew D. Maris, Allen Wang, Cristina Rea, Robert Granetz, Earl Marmar
- 653** Influence of the Hydrogen Isotope Affinity of the Cathode Coating Material on the Neutron Production Rate in the Glow Discharge-Type Fusion Neutron Source
Toshiro Sakabe, Yasuyuki Ogino, Keisuke Mukai, Juro Yagi, Mahmoud Bakr
- 666** First-Principles Study of Properties and Helium Behavior of Tungsten/Beryllium Interface Structure
Junjie Zhao, Zhaochun Zhang, Haibo Guo, Yang Wang
- 682** Machine Learning-Based Prediction of Irradiation-Induced Swelling from Synergistic Effects of Helium and Hydrogen
Huajiang Jin, Shuaishuai Zhang, Jianxiang Zheng, Jian Zhang, Huifang Miao, Liuxuan Cao
- 695** Seismic Analysis of the Robotic Arm for Patient Positioning in Proton Therapy System
Jianghua Wei, Songbo Han
- 702** Influence of AZ61 Filler Composition on Grain Refinement of Mg-Al-Zn Alloy GTA Welds
N. Kishore Babu, Gopi Krishna C, K. Vamsi Krishna, Ateekh Ur Rehman, Prakash Srirangam