

Table of Contents

Predictive Analytics to Determine the Potential Occurrence of Genetic Disease and their Correlation: Osteoporosis and Cardiovascular Disease <i>Kae Sawada, Michael W. Clark, Zilong Ye, Nabil Alshurafa, and Mohammad Pourhomayoun</i>	1
Automated Quantification of the Resistance of Epithelial Cell Layers from an Impedance Spectrum <i>Thomas Schmid, Dorothee Gunzel, and Martin Bogdan</i>	8
The Sustainable Growth Use of Renewable Energy Based on Spatial Energy Planning <i>Valentinas Klevas and Audrone Kleviene</i>	14