

International Journal of Nanomaterials and Technology

Volume 16 • Number 2 • July-December 2025

Contents

Two-Dimensional Materials for Sensing: Graphene and Beyond Seba Sara Varghese, Saino Hanna Varghese, Sundaram Swaminathan, • <i>Krishna Kumar Singh and Vikas Mittal</i>	93-129
Software-Controlled Next Generation Optical Circuit Switching for HPC and Cloud Computing Datacenters • <i>Muhammad Imran, Martin Collier, Pascal Landais and Kostas Katrinis</i>	131-143
Scalable Fabrication of 2D Semiconducting Crystals for Future Electronics • <i>Jiantong Li and Mikael Östling</i>	145-173
Dimensional Quantization and the Resonance Concept of the Low-Threshold Field Emission y • <i>Georgy Fursey, Pavel Konorov, Boris Pavlov and Adil Yafyasov</i>	175-182

