ISSN 1063-7826 CODEN: SMICES

# SEMICONDUCTORS

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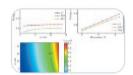
10 articles in this issue

# Microstructure and High-temperature Thermoelectric Properties of In<sub>x</sub>Te<sub>0.5</sub>Co<sub>4</sub>Sb<sub>11.5</sub> Fabricated via Microwave Synthesis Combined with Spark Plasma Sintering



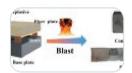
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#### InGaAsBi Quantum Well Lasers on InP for Mid-infrared Lasers



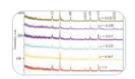
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## Explosion Compaction and Synthesis of $\beta$ -FeSe Superconductor Aided by Post-thermal Treatment



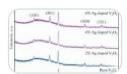
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## Effect of Rare Earth Gd<sup>3+</sup> Doping on the Structural, Magnetic and Optical Properties Co-Cd Spinel Nanoferrites



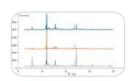
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#### Effect of Ag Doped V<sub>2</sub>O<sub>5</sub> Thin Films on Structural, Morphological, Electrical Properties and Their Photocatalytic Application



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Influence of Doping of TIInS<sub>2</sub> Crystals with Cr and Au Transition Metals on Their Optical Absorption Edge

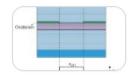


# Impact of Mn<sup>+2</sup> Doping on the Structure, Morphology, and Magnetic Properties of Cobalt Ferrite Nanoparticles Synthesized Using Sol–Gel Auto-combustion Technique



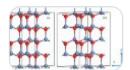
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## VCSELs with Gold Blocking Pattern Layer and Their Hollow Beam Output Characteristics



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Synthesis, Characterization, Sensor and Biomedical Applications of Rare

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