

### **160W single-frequency laser based on active tapered double-clad fiber amplifier**

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### **A Framework for Using Radar Measurements of Unknown Targets in Hierarchical Classification**

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#### **Bioimpedance Sensor Array for Long-Term Monitoring of Wound Healing from Beneath the Primary Dressings and Controlled Formation of H<sub>2</sub>O<sub>2</sub> Using Low-Intensity Direct Current**

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**Fluorimetric oxygen sensor with an efficient optical read-out for in vitro cell models**

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### **Spatial solitons carrying phase singularities in nematic liquid crystals**

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### **Structural characterization, spectroscopic, thermal, AC conductivity and dielectric properties and antimicrobial studies of (C<sub>8</sub>H<sub>12</sub>N)<sub>2</sub>[SnCl<sub>6</sub>]**

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