

# ADVANCED MATERIALS

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## **Nanonetworks: Rapid Fabrication Technique for Interpenetrated ZnO Nanotetrapod Networks for Fast UV Sensors (Adv. Mater. 10/2014)**

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### **Abstract**

**Flame transport synthesis (FTS) offers a unique fabrication technique for different nano-microtetrapods and their interconnected networks. Using the FTS method, interconnected ZnO nanotetrapod networks are fabricated directly bridging two patterned electrodes in a chip. It offers rapid and cost-effective synthesis with a direct integration of nano-microtetrapod networks in a chip, ready for device applications. Fast UV-detection response from these interconnected ZnO nanotetrapod networks is demonstrated by R. Adelung, Y. K. Mishra and co-workers on page 1541.**