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TOPICS

» Biosensor modalities (electrochemical, optical, MEMs)
» Biosensor instrumentation and systems
» Lab-on-a-chip technologies, Microfluidics and immobilization technology
» DNA chips and nucleic acid sensors
» Immunosensors
» Synthetic receptors for biosensors (aptamers, etc)
» Enzyme-based biosensors
» Wearable and implantable biosensor systems
» Environmental biosensors
» Biosensors for detection of chemical and biological warfare agents
» Biosensor manufacturing and materials
» Algorithms, modeling, and machine learning for biosensors

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