



Recent Advances in Quartz Crystal Microbalance-Based Sensor Applications

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Message from the Guest Editor

This Special Issue of *Chemosensors* is dedicated to the discussion of the state of the art in QCM sensors with challenging material-coating techniques not only for gas/liquid phase and biosensing but also for primary industries such as agriculture and aquatic products in industry.

- QCM-based gas sensors
- Electrochemical quartz crystal microbalance (EQCM)
- QCM-based sensors with biofunctional materials and food inspection
- Application of QCM for medical diagnosis
- Protein immobilization, cell attachment, cell adhesion
- Drug discovery and complex biopolymeric/biomolecular systems
- QCM-based biosensors modified with molecular imprinted polymers
- Quartz crystal microbalance with dissipation monitoring analysis using QCM/QCM-D
- Chiral recognition, odor classification, and composition analysis
- Multichannel QCM array systems, QCM-based electronic nose, and electronic tongues





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Message from the Editor-in-Chief

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