



## Mid-Infrared Quantum Cascade Lasers

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submissions:  
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### Message from the Guest Editors

Dear Colleagues,

The mid-infrared range (MIR) of the electromagnetic spectrum (2-15  $\mu\text{m}$ ) is crucial for a large number of applications such as telecommunication, molecular spectroscopy, medicine, and security. Since their first demonstration in 1994, quantum cascade lasers (QCLs) have become the most promising semiconductor sources of MIR radiation. QCL technology is quite mature, but it still faces unresolved issues.

With this Special Issue, we compile state-of-the-art research on mid-infrared QCLs. We are going to summarize the latest developments in theory, design, fabrication technology, measurement, and control techniques, and—last but not least—in QCL applications.

We look forward to your manuscripts (reviews as well as original research papers).

