

## Fields

Semiconductor Engineering, Applied Physics

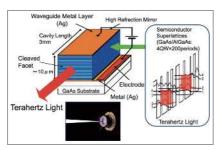
Opportunitie

## **Keywords**

semiconductor superlattice, quantum cascade laser, intersubband transition, nitride semiconductor, MBE crystal growth

## Subjects

- 1. Research toward the realization of higher temperature operation of QCL
- 2. Research toward the realization of 5-12 THz-band QCL using nitride semiconductors



Structure of THz quantum -cascade laser

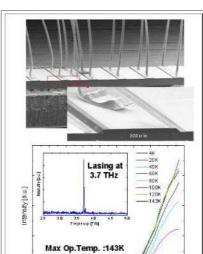


Image and device property of GaAs/ AlGaAs THz quantum cascade laser



## **ARCHIVES**

Extreme Photonics Department, RIKEN Advanced Science Institute



↑ BACK TO PAGE TOP

**RIKEN Center for Advanced Photonics** 

2-1 Hirosawa, Wako, Saitama 351-0198 Japan TEL: +81-(0)48-462-1111 / FAX: +81-(0)48-462-1554 Copyright © RIKEN. All rights reserved.

■ Site Policy