

Tsung-Tse Lin

List of Publications by Year in descending order

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Version: 2024-02-01

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Threshold Current Density Reduction by Utilizing High-Al-Composition Barriers in 3.7 THz GaAs/Al _x Ga _{1-x} As Quantum Cascade Lasers. Applied Physics Express, 2012, 5, 012101. | 2.4 | 19 |
| 2 | Improvement of operation temperature in GaAs/AlGaAs THz-QCLs by utilizing high Al composition barrier. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1430-1433. | 0.8 | 15 |
| 3 | Short-period scattering-assisted terahertz quantum cascade lasers operating at high temperatures. Scientific Reports, 2019, 9, 9446. | 3.3 | 13 |
| 4 | Optimization of terahertz quantum cascade lasers by suppressing carrier leakage channel via high-energy state. Applied Physics Express, 2018, 11, 112702. | 2.4 | 11 |
| 5 | Variable Barrier Height AlGaAs/GaAs Quantum Cascade Laser Operating at 3.7 THz. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700424. | 1.8 | 9 |
| 6 | Parasitic transport paths in two-well scattering-assisted terahertz quantum cascade lasers. Applied Physics Express, 2019, 12, 082003. | 2.4 | 9 |
| 7 | Over One Watt Output Power Terahertz Quantum Cascade Lasers by Using High Doping Concentration and Variable Barrier Well Height. Physica Status Solidi - Rapid Research Letters, 2022, 16, . | 2.4 | 3 |