

Development of quantum cascade laser simulation software

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Development of the software tools for simulation of quantum well media for radiation amplification in MIR and THz regions

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Efficiency estimation for a broadband 7 THz radiation source with GaAs/AlGaAs parabolic quantum wells

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Laterally pumped GaAs/AlGaAs quantum wells as sources of broadband terahertz radiation

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Progress in development of the resonant tunneling diodes as promising compact sources at the THz gap bottom

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Recent progress in development of the resonant tunneling diode sources for the critical part of THz gap

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Resonant tunneling devices as the promising sources in THz gap bottom for the security imaging and detection

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