

# Taras Gushchik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3499153/publications.pdf>

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8  
papers

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citations

1937685

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1720034

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Optimisation of waveguide parameters of laser InGaAs/AlGaAs/GaAs heterostructures for obtaining the maximum beam width in the resonator and the maximum output power. Quantum Electronics, 2008, 38, 935-939.	1.0	18
2	Radiation parameters of ridge lasers at high pump currents. Quantum Electronics, 2008, 38, 993-1000.	1.0	9
3	Diode amplifier of modulated optical beam power. Quantum Electronics, 2014, 44, 997-1004.	1.0	5
4	Experimental study of a modulated beam AlGaAs/GaAs diode amplifier operating in the highly saturated gain regime. Quantum Electronics, 2014, 44, 1005-1011.	1.0	5
5	Amplitude and phase modulation of radiation in a travelling-wave amplifier based on a laser diode. Quantum Electronics, 2013, 43, 699-705.	1.0	4
6	Amplified spontaneous emission spectrum at the output of a diode amplifier saturated by an input monochromatic wave. Quantum Electronics, 2016, 46, 693-698.	1.0	2
7	Intrinsic spontaneous emission-induced fluctuations of the output optical beam power and phase in a diode amplifier. Quantum Electronics, 2016, 46, 699-702.	1.0	1
8	Heterostructure with extended optical waveguide for diode lasers. Bulletin of the Lebedev Physics Institute, 2013, 40, 294-298.	0.6	0