

Ruslan Ivanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly polarized photoluminescence and its dynamics in semipolar (202Å ⁻¹) InGaN/GaN quantum well. Applied Physics Letters, 2014, 104, .	1.5	33
2	High spatial uniformity of photoluminescence spectra in semipolar (202Å ⁻¹) plane InGaN/GaN quantum wells. Journal of Applied Physics, 2015, 117, 023111.	1.1	27
3	Impact of carrier localization on radiative recombination times in semipolar (202Å ⁻¹) plane InGaN/GaN quantum wells. Applied Physics Letters, 2015, 107, .	1.5	22
4	Scanning near-field microscopy of carrier lifetimes in m-plane InGaN quantum wells. Applied Physics Letters, 2017, 110, .	1.5	16
5	Polarization-Resolved Near-Field Spectroscopy of Localized States in m -Plane \ln -GaN Quantum Wells. Physical Review Applied, 2017, 7, .	1.5	16
6	Direct Measurement of Nanoscale Lateral Carrier Diffusion: Toward Scanning Diffusion Microscopy. ACS Photonics, 2018, 5, 528-534.	3.2	16
7	Influence of well width fluctuations on recombination properties in semipolar InGaN quantum wells studied by time- and spatially-resolved near-field photoluminescence. Optical Materials Express, 2017, 7, 3116.	1.6	11
8	Properties of near-field photoluminescence in green emitting single and multiple semipolar (202Å ⁻¹) plane InGaN/GaN quantum wells. Optical Materials Express, 2016, 6, 39.	1.6	6
9	Influence of shallow versus deep etching on dark current and quantum efficiency in InAs/GaSb superlattice photodetectors and focal plane arrays for long wavelength infrared detection. Infrared Physics and Technology, 2018, 95, 158-163.	1.3	6
10	LWIR QWIPs at IRnova for next generation polarimetric imaging. Infrared Physics and Technology, 2018, 95, 177-182.	1.3	5
11	T2SL development for space at IRnova: from eSWIR to VLWIR. , 2019, , .		2
12	QWIPs are keeping their promises. , 2019, , .		2
13	Spatial variations of optical properties of semipolar InGaN quantum wells. Proceedings of SPIE, 2015, , .	0.8	0
14	Multimode Scanning Near-Field Photoluminescence Spectroscopy of InGaN Quantum Wells. , 2018, , .		0
15	Multimode scanning near-field photoluminescence spectroscopy and its application for studies of InGaN epitaxial layers and quantum wells. Lithuanian Journal of Physics, 2018, 58, .	0.1	0
16	Very long wavelength type-II InAs/GaSb superlattice infrared detectors. , 2018, , .		0