Ruslan Ivanov

List of Publications by Citations

12 papers	136 citations	7 h-index	11 g-index
16 ext. papers	158 ext. citations	3.1 avg, IF	2.16 L-index

#	Paper	IF	Citations
12	Highly polarized photoluminescence and its dynamics in semipolar (202□1□) InGaN/GaN quantum well. *Applied Physics Letters*, **2014**, 104, 111113	3.4	29
11	High spatial uniformity of photoluminescence spectra in semipolar (202□1) plane InGaN/GaN quantum wells. *Journal of Applied Physics*, **2015**, 117, 023111	2.5	25
10	Impact of carrier localization on radiative recombination times in semipolar (202□1) plane InGaN/GaN quantum wells. *Applied Physics Letters*, **2015**, 107, 211109	3.4	20
9	Scanning near-field microscopy of carrier lifetimes in m-plane InGaN quantum wells. *Applied Physics Letters*, **2017**, 110, 031109	3.4	12
8	Polarization-Resolved Near-Field Spectroscopy of Localized States in m-Plane InxGa1□N/GaN Quantum Wells. *Physical Review Applied*, **2017**, 7,	4.3	12
7	Direct Measurement of Nanoscale Lateral Carrier Diffusion: Toward Scanning Diffusion Microscopy. *ACS Photonics*, **2018**, 5, 528-534	6.3	12
6	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	2.6	10
5	Properties of near-field photoluminescence in green emitting single and multiple semipolar (202□1) plane InGaN/GaN quantum wells. *Optical Materials Express*, **2016**, 6, 39	2.6	5
4	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	2.7	5
3	LWIR QWIPs at IRnova for next generation polarimetric imaging. *Infrared Physics and Technology*, **2018**, 95, 177-182	2.7	3
2	T2SL development for space at IRnova: from eSWIR to VLWIR **2019**,		2
1	QWIPs are keeping their promises **2019**,		1