

# Dmitry E Sviridov

## List of Publications by Year in descending order

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14  
papers

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1684188  
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citing authors

#	ARTICLE	IF	CITATIONS
1	Monolayer-Scale GaN/AlN Multiple Quantum Wells for High Power e-Beam Pumped UV-Emitters in the 240–270 nm Spectral Range. <i>Nanomaterials</i> , 2021, 11, 2553.	4.1	10
2	Cd diffusion in CdS/ZnSe MQW heterostructures grown by MOVPE for semiconductor disk lasers. <i>Journal of Alloys and Compounds</i> , 2021, 880, 160555.	5.5	6
3	Deep Ultraviolet Light Source from Ultrathin GaN/AlN MQW Structures with Output Power Over 2 Watt. <i>Advanced Optical Materials</i> , 2019, 7, 1801763.	7.3	43
4	Direct observation of spatial distribution of carrier localization sites in ultrathin GaN/AlN quantum wells by spreading resistance microscopy. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	10
5	Nanoscale visualization of electronic properties of Al <sub>x</sub> Ga <sub>1-x</sub> N/Al <sub>y</sub> Ga <sub>1-y</sub> N multiple quantum-well heterostructure by spreading resistance microscopy. <i>Journal of Applied Physics</i> , 2017, 121, 014305.	2.5	4
6	Toward reliable photoconductive atomic force microscopy measurements. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016, 34, .	1.2	2
7	Study of the formation of a microrelief on ZnSe- and CdSe-crystal surfaces ablated by excimer KrF-laser radiaton. <i>Quantum Electronics</i> , 2016, 46, 903-910.	1.0	4
8	Photoinduced charge redistribution and its influence on excitonic states in Zn(Cd)Se/ZnMgSSe/GaAs quantum-well heterostructures. <i>Physics of the Solid State</i> , 2014, 56, 801-811.	0.6	0
9	Effects of photoinduced charge redistribution on excitonic states in Zn(Cd)Se/ZnMgSSe quantum wells. <i>Journal of Applied Physics</i> , 2013, 114, 163524.	2.5	3
10	Electron beam pumped Zn(Cd)Se/ZnMgSSe quantum well semiconductor disk laser. <i>Quantum Electronics</i> , 2012, 42, 583-587.	1.0	8
11	Scanning probe microscopy of cleavages of undoped GaInP/AlGaInP and CdS/ZnSSe heterostructures. <i>Bulletin of the Lebedev Physics Institute</i> , 2011, 38, 41-47.	0.6	2
12	Scanning spreading resistance microscopy of undoped CdS/ZnSSe multiple quantum well heterostructure. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1420-1423.	1.5	2
13	Local measurement of conduction band offset for ZnCdS/ZnSSe nanostructure by Laplace current DLTS cooperated with AFM technique. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 1536-1538.	0.8	1
14	Laser cathode-ray tube with a monolithic laser screen. <i>Quantum Electronics</i> , 2007, 37, 853-856.	1.0	3