

# Kirill V Chizh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7297114/publications.pdf>

Version: 2024-02-01

19  
papers

108  
citations

1478505

6  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	IR absorptance of thin carbon multi-walled nanotubes layers. <i>Optical Materials</i> , 2022, 126, 112151.	3.6	1
2	Diffusion processes in germanium and silicon films grown on Si <sub>3</sub> N <sub>4</sub> substrates. <i>Solar Energy Materials and Solar Cells</i> , 2021, 230, 111231.	6.2	1
3	Low-temperature formation of platinum silicides on polycrystalline silicon. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155908.	5.5	1
4	Diffusion of hydrogen atoms in silicon layers deposited from molecular beams on dielectric substrates. <i>Materials Science in Semiconductor Processing</i> , 2019, 99, 78-84.	4.0	5
5	Raman Scattering Enhancement Using Au/SiGe and Au/Ge Nanostructures. <i>Journal of Applied Spectroscopy</i> , 2019, 86, 72-75.	0.7	3
6	Room-temperature formation of Pt <sub>3</sub> /Si/Pt <sub>2</sub> /Si films on poly-Si substrates. <i>Journal of Physics: Conference Series</i> , 2017, 816, 012011.	0.4	4
7	Silicon-germanium and platinum silicide nanostructures for silicon based photonics. , 2017, , .		5
8	Metal silicide/Si thin-film Schottky-diode bolometers. , 2015, , .		5
9	Pt silicide/poly-Si Schottky diodes as temperature sensors for bolometers. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	12
10	The Study of Morphology and Photoelectric Sensitivity of Low-Temperature Ge/Si Heterostructures with Ge Quantum Dots. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2015, 9, 734-737.	0.5	0
11	Submillimeter Quasioptical Spectroscopy of Multilayer Conducting and Superconducting Systems. <i>Radiophysics and Quantum Electronics</i> , 2014, 56, 620-627.	0.5	2
12	Metal silicide/poly-Si Schottky diodes for uncooled microbolometers. <i>Nanoscale Research Letters</i> , 2013, 8, 177.	5.7	11
13	Application of hydrogenation to low-temperature cleaning of the Si(001) surface in the processes of molecular-beam epitaxy: Investigation by scanning tunneling microscopy, reflected high-energy electron diffraction, and high resolution transmission electron microscopy. <i>Journal of Applied Physics</i> , 2012, 112, 014311.	2.5	3
14	Ge/Si(001) heterostructures with dense arrays of Ge quantum dots: morphology, defects, photo-emf spectra and terahertz conductivity. <i>Nanoscale Research Letters</i> , 2012, 7, 414.	5.7	11
15	Phase transition on the Si(001) clean surface prepared in UHV MBE chamber: a study by high-resolution STM and in situ RHEED. <i>Nanoscale Research Letters</i> , 2011, 6, 218.	5.7	16
16	Phase transition between (2 Å <sup>-1</sup> ) and c(8 Å <sup>-1</sup> ) reconstructions observed on the Si(001) surface around 600Å°C. <i>JETP Letters</i> , 2010, 92, 310-314.	1.4	11
17	Absorption of terahertz radiation in Ge/Si(001) heterostructures with quantum dots. <i>JETP Letters</i> , 2010, 92, 793-798.	1.4	6
18	Capacitance investigation of Ge nanoclusters on a silicon (001) surface grown by MBE at low temperatures. <i>Physica B: Condensed Matter</i> , 2009, 404, 4705-4707.	2.7	2

#	ARTICLE	IF	CITATIONS
19	The role of interdiffusion and spatial confinement in the formation of resonant raman spectra of Ge/Si(100) heterostructures with quantum-dot arrays. <i>Physics of the Solid State</i> , 2008, 50, 1970-1977.	0.6	9