

Sergey V Golod

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

485
citations

840585
11
h-index

794469
19
g-index

20
all docs

20
docs citations

20
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of conducting GeSi/Si micro- and nanotubes and helical microcoils. Semiconductor Science and Technology, 2001, 16, 181-185.	1.0	165
2	Freestanding SiGe/Si/Cr and SiGe/Si/SixNy/Cr microtubes. Applied Physics Letters, 2004, 84, 3391-3393.	1.5	65
3	Free-standing Si/SiGe micro- and nano-objects. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 23, 280-284.	1.3	38
4	Terahertz metamaterials and systems based on rolled-up 3D elements: designs, technological approaches, and properties. Scientific Reports, 2017, 7, 43334.	1.6	38
5	Elastic silicon-film-based nanoshells: Formation, properties, and applications. Journal of Applied Mechanics and Technical Physics, 2006, 47, 867-878.	0.1	32
6	Manufacturing chiral electromagnetic metamaterials by directional rolling of strained heterofilms. Journal of Optics, 2009, 11, 074010.	1.5	18
7	Large-Area 3D-Printed Chiral Metasurface Composed of Metal Helices. Advanced Optical Materials, 2018, 6, 1800424.	3.6	18
8	Study of the properties of artificial anisotropic structures with high chirality. Crystallography Reports, 2011, 56, 366-373.	0.1	16
9	Comparison of various methods for transferring graphene and few layer graphene grown by chemical vapor deposition to an insulating SiO ₂ /Si substrate. Semiconductors, 2014, 48, 804-808.	0.2	15
10	Investigation of electromagnetic properties of a high absorptive, weakly reflective metamaterial-substrate system with compensated chirality. Journal of Applied Physics, 2017, 121, .	1.1	14
11	Surface melting of copper during graphene growth by chemical vapour deposition. Journal Physics D: Applied Physics, 2015, 48, 435303.	1.3	13
12	Fabrication of SiGe/Si/Cr bent cantilevers based on self-rolling of epitaxial films. Microelectronic Engineering, 2003, 67-68, 595-601.	1.1	12
13	Investigation of the properties of weakly reflective metamaterials with compensated chirality. Crystallography Reports, 2014, 59, 480-485.	0.1	8
14	3D micro/nanoshaping of metal strip arrays by direct imprinting for chiral metasurfaces. Nanotechnology, 2020, 31, 435302.	1.3	8
15	Directional-rolling method for strained SiGe/Si films and its application to fabrication of hollow needles. Thin Solid Films, 2005, 489, 169-176.	0.8	7
16	A study of interface states of directly bonded silicon-on-insulator structures. Journal of Crystal Growth, 2000, 210, 107-111.	0.7	6
17	Terahertz-range chiral metamaterials based on helices made of metal-semiconductor nanofilms. Optoelectronics, Instrumentation and Data Processing, 2009, 45, 292-300.	0.2	5
18	Computer controlled microwave transient photoconductivity for the nondestructive characterization of GaAs substrates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1997, 44, 223-227.	1.7	4

#	ARTICLE	IF	CITATIONS
19	Anomalous relaxation of photoconductivity in silicon at high excitation levels. Semiconductors, 2009, 43, 310-312.	0.2	3
20	Formation of Chiral Metamaterials by Direct Imprinting of Thin-Film Metal Elements. , 2021, , .		0