

Jolanta Borysiuk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

328
citations

10
h-index

18
g-index

28
ext. papers

399
ext. citations

3.5
avg, IF

3.02
L-index

#	Paper	IF	Citations
27	The Influence of Annealing on the Optical Properties and Microstructure Recrystallization of the TiO Layers Produced by Means of the E-BEAM Technique. <i>Materials</i> , 2021 , 14,	3.5	1
26	Two stage epitaxial growth of wafer-size multilayer h-BN by metal-organic vapor phase epitaxy via homoepitaxial approach. <i>2D Materials</i> , 2021 , 8, 015017	5.9	8
25	High-temperature quantum anomalous Hall regime in a MnBi ₂ Te ₄ /Bi ₂ Te ₃ superlattice. <i>Nature Physics</i> , 2021 , 17, 36-42	16.2	43
24	Instantaneous decay rate analysis of time resolved photoluminescence (TRPL): Application to nitrides and nitride structures. <i>Journal of Alloys and Compounds</i> , 2020 , 823, 153791	5.7	1
23	Triple threshold lasing from a photonic trap in a Te/Se-based optical microcavity. <i>Communications Physics</i> , 2019 , 2,	5.4	6
22	Experimental and theoretical analysis of influence of barrier composition on optical properties of GaN/AlGaN multi-quantum wells: Temperature- and pressure-dependent photoluminescence studies. <i>Journal of Alloys and Compounds</i> , 2018 , 769, 1064-1071	5.7	8
21	Electronic and structural properties of Bi ₂ Se ₃ :Cu. <i>Physical Review Materials</i> , 2018 , 2,	3.2	3
20	Ab initio and experimental studies of polarization and polarization related fields in nitrides and nitride structures. <i>AIP Advances</i> , 2017 , 7, 015027	1.5	15
19	High-spin configuration of Mn in Bi ₂ Se ₃ three-dimensional topological insulator. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 419, 301-308	2.8	5
18	High temperature annealing of iron nanowires. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015 , 212, 862-866	1.6	12
17	Structural and magnetic properties of iron nanowires and iron nanoparticles fabricated through a reduction reaction. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1652-60	3	34
16	Influence of a parallel electric field on the dispersion relation of graphene [A new route to Dirac logics. <i>Journal of Crystal Growth</i> , 2014 , 401, 869-873	1.6	0
15	Enhanced catalyst-free nucleation of GaN nanowires on amorphous Al ₂ O ₃ by plasma-assisted molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2014 , 115, 043517	2.5	25
14	HRTEM and LACBED of Zigzag Boundaries in GaN Epilayers. <i>Solid State Phenomena</i> , 2013 , 203-204, 24-270.4		
13	Transient absorption study on the influence of several polyphenylene vinylene derivatives on the exciton lifetimes in lead(II) sulfide quantum dots. <i>Chemical Physics Letters</i> , 2012 , 532, 77-83	2.5	2
12	Experimental and theoretical investigation of graphene layers on SiC(0001D) in different stacking arrangements. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012 , 30, 03D117	1.3	2
11	Structural and Chemical Characterization of Al(Ga)N/GaN Quantum Well Structures Grown by Plasma Assisted Molecular Beam Epitaxy. <i>Solid State Phenomena</i> , 2012 , 186, 70-73	0.4	1

10	A new strategy towards electroactive polymer/inorganic nanostructure composites. Silver nanoparticles inside polypyrrole matrix with pendant titanocene dichloride complexes. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 662, 105-115	4.1	18
9	Growth Rate and Thickness Uniformity of Epitaxial Graphene. <i>Materials Science Forum</i> , 2010 , 645-648, 569-572	0.4	6
8	Optical Transmission of Epitaxial Graphene Layers on SiC in the Visible Spectral Range. <i>Materials Science Forum</i> , 2010 , 645-648, 615-618	0.4	2
7	Graphene Growth on C and Si-Face of 4H-SiC [TEM and AFM Studies. <i>Materials Science Forum</i> , 2010 , 645-648, 577-580	0.4	5
6	Growth of Graphene Layers on Silicon Carbide. <i>Materials Science Forum</i> , 2009 , 615-617, 199-202	0.4	14
5	TEM Investigations of Graphene on 4H-SiC(0001). <i>Materials Science Forum</i> , 2009 , 615-617, 207-210	0.4	
4	Liquid-Crystalline Phases Made of Gold Nanoparticles. <i>Angewandte Chemie</i> , 2009 , 121, 5269-5271	3.6	13
3	Liquid-crystalline phases made of gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5167-9	16.4	86
2	Electronic, Electrochemical, and Spectroelectrochemical Properties of Hybrid Materials Consisting of Carboxylic Acid Derivatives of Oligothiophene and CdSe Semiconductor Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 3487-3493	3.8	17
1	Structural and magnetic properties of MnAs/GaAs ferromagnetic semiconductor nanocomposite material. <i>Journal of Materials Science: Materials in Electronics</i> , 2008 , 19, 740-743	2.1	1