

Olesya Dan'kiv

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

67
citations

1684188

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h-index

1588992

8
g-index

19
all docs

19
docs citations

19
times ranked

15
citing authors

#	ARTICLE	IF	CITATIONS
1	Baric properties of InAs quantum dots. Semiconductors, 2008, 42, 1076-1083.	0.5	13
2	Formation of Periodic Structures under the Influence of an Acoustic Wave in Semiconductors with a Two-Component Defect Subsystem. Ukrainian Journal of Physics, 2016, 61, 741-746.	0.2	8
3	Role of Acoustoelectric Interaction in the Formation of Nanoscale Periodic Structures of Adsorbed Atoms. Semiconductors, 2016, 50, 314-319.	0.5	7
4	Effect of Bi isovalent dopants on the formation of homogeneous coherently strained InAs quantum dots in GaAs matrices. Semiconductors, 2013, 47, 349-353.	0.5	6
5	Strain-Renormalized Energy Spectra of Electrons and Holes in InAs Quantum Dots in the InAs ⁺ GaAs Heterosystem. Technical Physics Letters, 2005, 31, 691.	0.7	5
6	Temperature regimes of formation of nanometer periodic structure of adsorbed atoms in GaAs semiconductors under the action of laser irradiation. Condensed Matter Physics, 2015, 18, 43801.	0.7	5
7	The effect of the electric field on the nucleation of the nanometer periodic structure of adatoms in GaAs semiconductor under the action of laser irradiation. Condensed Matter Physics, 2019, 22, 13801.	0.7	5
8	The influence of acoustic deformation on the recombination radiation in InAs/GaAs heterostructure with InAs quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 119, 113988.	2.7	4
9	The ultrasonic modification of thermodynamic and kinetic regularity of lithium intercalation in talc. Progress in Natural Science: Materials International, 2014, 24, 397-404.	4.4	3
10	Non-linear model of impurity diffusion in nanoporous materials upon ultrasonic treatment. Condensed Matter Physics, 2014, 17, 23601.	0.7	3
11	The Conditions of Formation of the Uniform-Sized Quantum Dots in the Field of an Ultrasonic Wave. Journal of Nano Research, 2019, 57, 40-50.	0.8	3
12	The Influence of Ultrasound on Formation of Self-organized Uniform Nanoclusters. Journal of Nano- and Electronic Physics, 2016, 8, 02014-1-02014-6.	0.5	3
13	The Model of Nucleation of Nanometer Structure of the Adatoms Under the Action of Comprehensive Pressure. Journal of Nano- and Electronic Physics, 2018, 10, 01014-1-01014-6.	0.5	2
14	The criteria of formation of InAs quantum dots in the presence of ultrasound. , 2017, , .		0
15	Acousto-electron Effects in the InAs/GaAs Heterostructure with InAs Quantum Dots. , 2019, , .		0
16	Modeling of the Nano-acoustic-electronic Converter on the Basis of Graphene Nanotubes. Journal of Nano- and Electronic Physics, 2016, 8, 02015-1-02015-4.	0.5	0
17	The Influence of Ultrasound on the Energy Spectrum of Electron and Hole in InAs/GaAs Heterosystem with InAs Quantum Dots. Journal of Nano- and Electronic Physics, 2016, 8, 04064-1-04064-4.	0.5	0
18	Spatial Redistribution of Interstitial Atoms and Vacancies in Semiconductors under the Influence of Pulsed Laser Irradiation. Journal of Nano- and Electronic Physics, 2019, 11, 03018-1-03018-6.	0.5	0

#	ARTICLE	IF	CITATIONS
19	The baric coefficient of CdSe quantum dot with a three-layer ZnS/CdS/ZnS shell. Materials Today: Proceedings, 2022, , .	1.8	0