

Gazi N Aliev

List of Publications by Year in descending order

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34
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Singlet oxygen generation by nanoporous silicon: photoluminescence dynamics in magnetic field. Nanotechnology, 2020, 31, 035703.	2.6	1
2	Observation of oxygen dimers via energy transfer from silicon nanoparticles. Physical Chemistry Chemical Physics, 2016, 18, 690-693.	2.8	1
3	Hypersonic phononic stopbands at small angles of wave incidence in porous silicon multilayers. Journal Physics D: Applied Physics, 2015, 48, 325501.	2.8	8
4	Hydrothermal Conversion of One-Photon-Fluorescent Poly(4-vinylpyridine) into Two-Photon-Fluorescent Carbon Nanodots. Langmuir, 2014, 30, 11746-11752.	3.5	24
5	Quasi-periodic Fibonacci and periodic one-dimensional hypersonic phononic crystals of porous silicon: Experiment and simulation. Journal of Applied Physics, 2014, 116, .	2.5	29
6	Magnetic field dependence of singlet oxygen generation by nanoporous silicon. Nanoscale Research Letters, 2014, 9, 342.	5.7	5
7	Experimental and theoretical demonstration of acoustic Bloch oscillations in porous silicon structures. Journal of Applied Physics, 2014, 115, .	2.5	20
8	Porous silicon as an acoustic material for BAW. , 2012, , .		5
9	Porous silicon bulk acoustic wave resonator with integrated transducer. Nanoscale Research Letters, 2012, 7, 378.	5.7	13
10	Elastic properties of porous silicon studied by acoustic transmission spectroscopy. Journal of Applied Physics, 2011, 110, 043534.	2.5	41
11	Hypersonic rugate filters based on porous silicon. Applied Physics Letters, 2010, 97, .	3.3	24
12	Hypersonic acoustic mirrors and microcavities in porous silicon. Applied Physics Letters, 2010, 96, .	3.3	41
13	Porosity dependence of the acoustic longitudinal velocity in heavily doped p++porous silicon layers. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1670-1674.	0.8	11
14	Photo-oxidation by singlet oxygen generated on nanoporous silicon in a LED-powered reactor. Chemical Engineering Journal, 2008, 136, 331-336.	12.7	38
15	Nanoscale Multilayers in Porous Silicon for THz Phonon Engineering. , 2008, , .		0
16	The role of vacancies in the red luminescence from Mg-doped GaN. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 1919-1922.	0.8	11
17	The magnesium acceptor states in GaN: an investigation by optically-detected magnetic resonance. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 1892-1896.	0.8	0
18	Optically detected electron spin-flip resonance in CdMnTe. Physica Status Solidi (B): Basic Research, 2006, 243, 887-891.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Optically-detected magnetic resonance of spin-paired complexes emitting in the 2.3 eV spectral region in Mg-doped GaN. <i>Physical Review B</i> , 2006, 74, .	3.2	4
20	Origin of the red luminescence in Mg-doped GaN. <i>Applied Physics Letters</i> , 2006, 89, 022107.	3.3	28
21	Nature of acceptor states in magnesium-doped gallium nitride. <i>Physical Review B</i> , 2005, 71, .	3.2	16
22	Optically detected magnetic resonance of epitaxial nitrogen-doped ZnO. <i>Physical Review B</i> , 2004, 70, .	3.2	18
23	Spin-flip Raman scattering studies of antimony-doped ZnSe. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 487-490.	1.5	4
24	Mosaic Structure and Optical Properties of III ^â Nitrides. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 558-562.	0.8	5
25	Spin-flip Raman scattering studies of ZnSe bulk crystals doped with antimony. <i>Semiconductor Science and Technology</i> , 2003, 18, 978-982.	2.0	4
26	Optically detected magnetic resonance of paired defects in as-grown magnesium-doped GaN. <i>Physical Review B</i> , 2003, 67, .	3.2	8
27	Structural, photonic band-gap, and luminescence properties of the opal-erbium composite. <i>Physics of the Solid State</i> , 2002, 44, 2224-2231.	0.6	8
28	LO-phonon assisted tunneling from spatially direct to indirect exciton in semimagnetic double quantum well structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 10, 511-517.	2.7	5
29	Thickness dependence of exciton absorption in pure GaAs crystals at the $\hbar\omega$ prequantum limit. <i>Physics of the Solid State</i> , 1998, 40, 800-802.	0.6	3
30	Exciton-Polariton Behaviour of the Absorption Edge of Thin GaAs Crystals with the $\hbar\omega$ Super-Quantum Thickness and MQW Enlarged Barriers. <i>Physica Status Solidi A</i> , 1997, 164, 193-197.	1.7	9
31	Optical and Energy Spectra of MBE-Grown Planar CdSe QD System in ZnS Matrix. <i>Physica Status Solidi A</i> , 1997, 164, 449-453.	1.7	0
32	Effects of spatial dispersion in the temperature dependence of the optical absorption in ZnSe heteroepitaxial layers and CdTe and ZnTe crystals. <i>Journal of Crystal Growth</i> , 1996, 159, 843-847.	1.5	8
33	Optics and magneto-optics of ZnSe heteroepitaxial layers. <i>Journal of Crystal Growth</i> , 1996, 159, 523-527.	1.5	11