

Artem

List of Publications by Year in descending order

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74
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolithically integrated InGaAs/GaAs/AlGaAs quantum well laser grown by MOCVD on exact Ge/Si(001) substrate. Applied Physics Letters, 2016, 109, .	1.5	24
2	Light-emitting 9R-Si phase formed by Kr+ ion implantation into SiO2/Si substrate. Applied Physics Letters, 2018, 113, .	1.5	14
3	Electrically pumped InGaAs/GaAs quantum well microdisk lasers directly grown on Si(100) with Ge/GaAs buffer. Optics Express, 2017, 25, 16754.	1.7	13
4	Peculiarities of growing InGaAs/GaAs/AlGaAs laser structures by MOCVD on Ge/Si substrates. Semiconductors, 2017, 51, 1527-1530.	0.2	5
5	Ion-Beam Synthesis of Gallium Oxide Nanocrystals in a SiO2/Si Dielectric Matrix. Nanomaterials, 2022, 12, 1840.	1.9	3
6	Formation of hexagonal silicon regions in silicon. Journal of Physics: Conference Series, 2018, 1124, 022007.	0.3	1
7	Studies of the Cross Section and Photoluminescence of a GaAs Layer Grown on a Si/Al2O3 Substrate. Semiconductors, 2019, 53, 1242-1245.	0.2	1
8	Mechanism of formation of light-emitting silicon hexagonal phase 9R-Si. Journal of Physics: Conference Series, 2019, 1410, 012037.	0.3	1
9	Growth of a Ge Layer on a Si/SiO2/Si(100) Structure by the Hot Wire Chemical Vapor Deposition. Semiconductors, 2020, 54, 1332-1335.	0.2	1
10	Comparison of III-V Heterostructures Grown on Ge/Si, Ge/SOI, and GaAs. Semiconductors, 2022, 56, 122-133.	0.2	1
11	On the Combined Application of Raman Spectroscopy and Photoluminescence Spectroscopy for the Diagnostics of Multilayer Heterostructures. Semiconductors, 2019, 53, 1207-1210.	0.2	0