

Elena Alexandra Serban

List of Publications by Year in descending order

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1477746

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#	ARTICLE	IF	CITATIONS
1	High-Selectivity Growth of GaN Nanorod Arrays by Liquid-Target Magnetron Sputter Epitaxy. <i>Coatings</i> , 2020, 10, 719.	1.2	1
2	Review of GaN Thin Film and Nanorod Growth Using Magnetron Sputter Epitaxy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3050.	1.3	32
3	Site-controlled growth of GaN nanorod arrays by magnetron sputter epitaxy. <i>Thin Solid Films</i> , 2018, 660, 950-955.	0.8	7
4	Influence of InAlN Nanospiral Structures on the Behavior of Reflected Light Polarization. <i>Nanomaterials</i> , 2018, 8, 157.	1.9	3
5	Near band gap luminescence in hybrid organic-inorganic structures based on sputtered GaN nanorods. <i>Scientific Reports</i> , 2017, 7, 1170.	1.6	5
6	Selective-area growth of single-crystal wurtzite GaN nanorods on SiO _x /Si(001) substrates by reactive magnetron sputter epitaxy exhibiting single-mode lasing. <i>Scientific Reports</i> , 2017, 7, 12701.	1.6	14
7	Magnetron Sputter Epitaxy of High-Quality GaN Nanorods on Functional and Cost-Effective Templates/Substrates. <i>Energies</i> , 2017, 10, 1322.	1.6	18
8	Nucleation and core-shell formation mechanism of self-induced In _x Al _{1-x} N core-shell nanorods grown on sapphire substrates by magnetron sputter epitaxy. <i>Vacuum</i> , 2016, 131, 39-43.	1.6	9
9	Structural and compositional evolutions of In _x Al _{1-x} N core-shell nanorods grown on Si(111) substrates by reactive magnetron sputter epitaxy. <i>Nanotechnology</i> , 2015, 26, 215602.	1.3	20