

Evgenii Emelin

List of Publications by Year in descending order

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papers

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docs citations

12
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface acoustic wave propagation in graphene film. Journal of Applied Physics, 2015, 118, .	2.5	26
2	Single crystals of ferroelectric lithium niobate-tantalate $\text{LiNbO}_3\text{-xTaO}_3$ solid solutions for high-temperature sensor and actuator applications. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 1071-1076.	1.1	17
3	Recording of domains by an electron beam on the surface of +Z cuts of lithium niobate. Physics of the Solid State, 2013, 55, 540-546.	0.6	14
4	Piezoelectric $\text{Ca}_3\text{NbGa}_3\text{Si}_2\text{O}_{14}$ crystal: crystal growth, piezoelectric and acoustic properties. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	8
5	Domain engineering in LiNbO_3 crystals by e-beam and features of spatial distribution of electric field: Experiment and computer simulation. Journal of Applied Physics, 2020, 128, .	2.5	8
6	Piezoelectric $\text{La}_3\text{Ga}_5.3\text{Ta}_0.5\text{Al}_0.2\text{O}_{14}$ crystal: growth, crystal structure perfection, piezoelectric, and acoustic properties. Applied Physics A: Materials Science and Processing, 2014, 116, 1477-1488.	2.3	5
7	Scanning Electron Microscopy Investigation of Surface Acoustic Wave Propagation in a 41° YX-Cut of a LiNbO_3 Crystal/Si Layered Structure. Crystals, 2021, 11, 1082.	2.2	4
8	Periodic domain structures in stoichiometric lithium niobate: Formation by electron beam. Journal of Surface Investigation, 2013, 7, 825-832.	0.5	3
9	Deepening of domains at e-beam writing on the \hat{z} surface of lithium niobate. Journal Physics D: Applied Physics, 2022, 55, 195302.	2.8	3
10	Photoresponse in Multilayer Graphene during the Passage of a Surface Acoustic Wave. Technical Physics Letters, 2020, 46, 220-223.	0.7	2
11	X-ray diffraction by surface acoustic waves. Journal of Applied Crystallography, 2021, 54, 180-194.	4.5	2
12	Domain formation in heavily doped $\text{LiNbO}_3\text{:Mg}$ crystals exposed to an electron beam. Inorganic Materials, 2015, 51, 607-612.	0.8	1