Samuel Margueron

List of Publications by Year
in descending order

12	242	1307594 7	1199594 12
papers	citations	h-index	g-index

12	12	12	368
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Toward Highâ€Quality Epitaxial LiNbO₃ and LiTaO₃ Thin Films for Acoustic and Optical Applications. Advanced Materials Interfaces, 2017, 4, 1600998.	3.7	80
2	Identification of LiNbO₃, LiNb₃O₈and Li₃NbO₄phases in thin films synthesized with different deposition techniques by means of XRD and Raman spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 205901.	1.8	50
3	LiNbO3 films â€“ A low-cost alternative lead-free piezoelectric material for vibrational energy harvesters. Mechanical Systems and Signal Processing, 2021, 149, 107171.	8.0	31
4	Highly coupled and low frequency vibrational energy harvester using lithium niobate on silicon. Applied Physics Letters, 2021, 119, .	3.3	22
5	A Self-Powered and Battery-Free Vibrational Energy to Time Converter for Wireless Vibration Monitoring. Sensors, 2021, 21, 7503.	3.8	16
6	High-frequency surface acoustic wave devices based on epitaxial Z-LiNbO3 layers on sapphire. Applied Physics Letters, 2019, 114, .	3.3	13
7	Effect of deposition conditions on the stoichiometry and structural properties of LiNbO₃thin films deposited by MOCVD. Proceedings of SPIE, 2013, , .	0.8	8
8	Lead-Free LiNbO3 Thick Film MEMS Kinetic Cantilever Beam Sensor/Energy Harvester. Sensors, 2022, 22, 559.	3.8	7
9	Relationship Processingâ€“Compositionâ€“Structureâ€“Resistivity of LaNiO3 Thin Films Grown by Chemical Vapor Deposition Methods. Coatings, 2019, 9, 35.	2.6	6
10	Effect of LiNbO₃polarity on the structural, optical and acoustic properties of epitaxial ZnO and Mg_xZn_{1â^’x}O films. Journal Physics D: Applied Physics, 2018, 51, 484003.	2.8	3
11	Deposition and characterization of ZnO thin films on GaAs and Pt/GaAs substrates. Materials Chemistry and Physics, 2020, 247, 122854.	4.0	3
12	Double-peaked resonance in harmonic-free acoustically driven ferromagnetic resonance. Applied Physics Letters, 2021, 119, .	3.3	3