

Qiang Xiao

List of Publications by Year in descending order

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10
papers

23
citations

2682572

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2053705

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all docs

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docs citations

10
times ranked

16
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on Highly Sensitive Strain Sensing Element Based on Surface Acoustic Wave Resonator. IEEE Sensors Journal, 2022, 22, 12595-12601.	4.7	2
2	High-Performance SAW Strain Sensor With Piston-Mode Operation. IEEE Sensors Journal, 2021, 21, 10514-10521.	4.7	7
3	A New General Form of 2-D Coupling-of-Modes Equations for Analysis of Waveguiding in Surface Acoustic Wave Devices. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1033-1039.	3.0	7
4	Analysis and Evaluation the Effect of Electrode Films on the SAW Torque Sensitivity. Acoustical Physics, 2020, 66, 16-20.	1.0	2
5	A passive wireless surface acoustic wave sensor for pillar load measurement. AIP Advances, 2019, 9, 105305.	1.3	2
6	Passive wireless measurement of tension for overhead transmission line based on surface transverse wave. IET Generation, Transmission and Distribution, 2018, 12, 1866-1871.	2.5	2
7	Suppression of Rayleigh wave spurious signal in ultra-wideband surface acoustic wave devices employing 0.67Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.33PbTiO ₃ single crystals. AIP Advances, 2017, 7, .	1.3	1
8	Simulation of surface acoustic wave propagating characteristics in relaxor based ferroelectric single crystals poled along [011]., 2017, , .		0
9	Investigation of incredible high performance surface acoustic wave properties with a structure of IDT/ $\sqrt{0}$ YX-LiTaO ₃ /SiO ₂ /AlN/Silicon. , 2017, , .		0
10	Full-Wave Analysis of Ultrahigh Electromechanical Coupling Surface Acoustic Wave Propagating Properties in a Relaxor Based Ferroelectric Single Crystal/Cubic Silicon Carbide Layered Structure. Modelling and Simulation in Engineering, 2017, 2017, 1-6.	0.7	0