Tetsuya Kimura

List of Publications by Year
in descending order

33	567	687363 13	839539 18
papers	citations	h-index	g-index

33	33	33	194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative Study of Acoustic Wave Devices Using Thin Piezoelectric Plates in the 3â€“5-GHz Range. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 915-921.	4.6	108
2	3.5 GHz longitudinal leaky surface acoustic wave resonator using a multilayered waveguide structure for high acoustic energy confinement. Japanese Journal of Applied Physics, 2018, 57, 07LD15.	1.5	60
3	Ultra-wideband and high frequency resonators using shear horizontal type plate wave in LiNbO₃thin plate. Japanese Journal of Applied Physics, 2014, 53, 07KD03.	1.5	48
4	S₀ Mode Lamb Wave Resonators Using LiNbO₃ Thin Plate on Acoustic Multilayer Reflector. Japanese Journal of Applied Physics, 2013, 52, 07HD03.	1.5	39
5	Tunable filters using wideband elastic resonators. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 2129-2136.	3.0	33
6	Tunable Filters Using Ultrawide-Band Surface Acoustic Wave Resonator Composed of Grooved Cu Electrode on LiNbO3. Japanese Journal of Applied Physics, 2010, 49, 07HD26.	1.5	30
7	Integration of BST varactors with surface acoustic wave device by film transfer technology for tunable RF filters. Journal of Micromechanics and Microengineering, 2013, 23, 025005.	2.6	22
8	Moving Tunable Filters Forward: A "Heterointegration" Research Project for Tunable Filters Combining MEMS and RF SAW/BAW Technologies. IEEE Microwave Magazine, 2015, 16, 89-97.	0.8	20
9	SiO2/Grooved Al Electrode/LiTaO3and Edge-Reflection Surface Acoustic Wave Structures Having Large Reflection Coefficient, Large Coupling Factor, and Excellent Temperature Characteristic Even If Al Electrodes Are Used. Japanese Journal of Applied Physics, 2006, 45, 4647-4650.	1.5	19
10	Ultrawide-Band Resonators Using Shear Horizontal-Type Plate Wave and Their Application. Japanese Journal of Applied Physics, 2013, 52, 07HD04.	1.5	17
11	High-Frequency Edge Reflection Type Resonators with Excellent Temperature Characteristics. Japanese Journal of Applied Physics, 2007, 46, 4749.	1.5	16
12	A High Velocity and Wideband SAW on a Thin LiNbO₃ Plate Bonded on a Si Substrate in the SHF Range. , 2019, , .		16
13	Ultra Wide Band SAW Resonator Composed of Grooved Cu Electrodes and its Application to Tunable Filters. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1108-1114.	0.2	16
14	Ultra wide band resonator composed of grooved Cu-electrode on LiNbO<inf>3</inf> and its application to tunable filter. , 2009, , .		15
15	Band-Pass-Type Tunable Filter Using Surface Acoustic Wave Resonator Composed of Grooved Cu Electrodes on LiNbO₃. Japanese Journal of Applied Physics, 2012, 51, 07GC14.	1.5	13
16	Bandwidth-tunable SAW filter based on wafer-level transfer-integration of BaSrTiO<inf>3</inf> film for wireless LAN system using TV white space. , 2014, , .		12
17	Observational and theoretical validation of longitudinal type surface acoustic wave devices. Japanese Journal of Applied Physics, 2019, 58, SGGC04.	1.5	12
18	Band-Pass-Type Tunable Filter Using Surface Acoustic Wave Resonator Composed of Grooved Cu Electrodes on LiNbO$_{3}$. Japanese Journal of Applied Physics, 2012, 51, 07GC14.	1.5	11

#	Article	IF	Citations
19	Ultra wide band elastic resonators and their application: SH<inf>0</inf> mode plate wave resonators with ultra wide bandwidth of 29 %. , 2012, , .		11
20	Improvement of insertion loss of band pass tunable filter using SAW resonators and GaAs diode variable capacitors. , 2013, , .		10
21	High Q SAW resonator using upper-electrodes on grooved-electrodes in LiTaO<inf>3</inf>. , 2010, , .		8
22	Improvements in Temperature Characteristics and Bandwidth for ZnO/Quartz Structure with Large Coupling Factor. Japanese Journal of Applied Physics, 2010, 49, 07HD25.	1.5	5
23	Wide band resonators using SH mode of plate wave on LiNbO<inf>3</inf>. , 2012, , .		5
24	Bandwidth-tunable filter consisting of SAW resonators and BaSrTiO<inf>3</inf> varactors directly fabricated on a LiTaO<inf>3</inf> wafer. , 2014, , .		5
25	Band pass type of tunable filters composed of ultra wide band SAW resonators by adjusting capacitors connected SAW resonators. , 2011, , .		3
26	Tunable filter using ultra wide band elastic resonator. , 2012, , .		3
27	High frequency resonators with wide bandwidth using SH<inf>0</inf> mode plate wave in thin LiNbO<inf>3</inf>. , 2013, , .		3
28	Ultrawide band ladder filter using SH<inf>0</inf> plate wave in thin LiNbO<inf>3</inf> plate and its application. , 2014, , .		2
29	First shear horizontal mode plate wave in LiNbO<inf>3</inf> showing 20 km/s phase velocity. , 2015, , .		2
30	Improvement of Characteristics of Leaky Surface Acoustic Wave on LiTaO3. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1115-1119.	0.2	2
31	High-Frequency Resonators with Excellent Temperature Characteristics using Edge Reflection. Frequency Control Symposium and Exhibition, Proceedings of the IEEE International, 2007, , .	0.0	1
32	Ultraâ€wideband SAW resonator composed of grooved Cu electrodes and its application to tunable filters. Electronics and Communications in Japan, 2013, 96, 32-40.	0.5	0
33	Improvement of characteristics of leaky surface acoustic wave on LiTaO₃. Electronics and Communications in Japan, 2013, 96, 25-31.	0.5	0