

Shoji Kakio

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of propagation characteristics of Rayleigh surface acoustic waves on $\text{Yb}_{0.33}\text{Al}_{0.67}\text{N}$ piezoelectric films/high-velocity substrates. Japanese Journal of Applied Physics, 2022, 61, SG1014.	1.5	3
2	Evaluation of bulk and surface acoustic waves propagation properties of $(\text{K,Na})\text{NbO}_3$ films deposited by hydrothermal synthesis or RF magnetron sputtering methods. Japanese Journal of Applied Physics, 2022, 61, SG1077.	1.5	1
3	Deposition and evaluation of Ta_2O_5 piezoelectric thin film on Pt crystal film. Japanese Journal of Applied Physics, 2022, 61, SG1076.	1.5	2
4	Enhancement of coupling factor in 0th to 4th mode Rayleigh surface acoustic waves on polarity inverted multilayered ScAlN film/AlN and BN substrates. Japanese Journal of Applied Physics, 2022, 61, SG1059.	1.5	2
5	Analysis of leaky surface acoustic waves on quartz thin plates bonded to similar-material substrate. Japanese Journal of Applied Physics, 2021, 60, SDDC04.	1.5	4
6	Increase of electromechanical coupling coefficient k_t in (0001)-oriented AlN films by chromium doping. Japanese Journal of Applied Physics, 2021, 60, SDDC08.	1.5	7
7	Enhancement of leaky surface acoustic wave harmonics excitation using bonded dissimilar-material structures. Japanese Journal of Applied Physics, 2021, 60, SDDC07.	1.5	13
8	High-performance surface acoustic wave devices using composite substrate structures. Japanese Journal of Applied Physics, 2021, 60, SD0802.	1.5	24
9	Propagation properties of leaky surface acoustic wave on water-loaded LiTaO_3 /quartz bonded structure. Japanese Journal of Applied Physics, 2020, 59, SKKC04.	1.5	7
10	Analysis of leaky surface acoustic waves on LiNbO_3 or LiTaO_3 thin plate bonded to similar-material substrates. Japanese Journal of Applied Physics, 2020, 59, SKKC01.	1.5	10
11	Analysis of leaky surface acoustic wave characteristics propagating on high piezoelectric ScAlN film/high velocity quartz substrate. Japanese Journal of Applied Physics, 2020, 59, SKKC07.	1.5	11
12	Power transmission characteristics of EWC-SPUDT SAW filters fabricated for multiplex transmission system of inverter gate drive circuits. Japanese Journal of Applied Physics, 2020, 59, SKKC05.	1.5	4
13	Analysis of longitudinal leaky surface acoustic waves on LiNbO_3 /amorphous layer/quartz structure. Japanese Journal of Applied Physics, 2020, 59, SKKC12.	1.5	14
14	Acousto-optic modulators driven by longitudinal leaky surface acoustic waves on LiNbO_3 thin-plate bonded structures. Japanese Journal of Applied Physics, 2019, 58, SGGA09.	1.5	10
15	Analysis of longitudinal leaky surface acoustic wave propagation characteristics on a piezoelectric ScAlN layer/sapphire or quartz substrate. Japanese Journal of Applied Physics, 2019, 58, SGGC08.	1.5	14
16	Longitudinal leaky surface acoustic wave with low attenuation on LiTaO_3 or LiNbO_3 thin plate bonded to quartz substrate. Japanese Journal of Applied Physics, 2019, 58, SGGC12.	1.5	21
17	High coupling and highly stable leaky surface acoustic waves on LiTaO_3 thin plate bonded to quartz substrate. Japanese Journal of Applied Physics, 2018, 57, 07LD21.	1.5	24
18	Propagation characteristics of longitudinal-type leaky surface acoustic wave on layered structure consisting of $\text{Sc}_x\text{Al}_{1-x}\text{N}$ film/ LiNbO_3 substrate. Japanese Journal of Applied Physics, 2018, 57, 07LD06.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Evaluation of piezoelectric Ta ₂ O ₅ thin films deposited on SrTiO ₃ substrates. Japanese Journal of Applied Physics, 2017, 56, 07JD12.	1.5	8
20	High-coupling leaky surface acoustic waves on LiNbO ₃ or LiTaO ₃ thin plate bonded to high-velocity substrate. Japanese Journal of Applied Physics, 2017, 56, 07JD13.	1.5	57
21	Loss reduction of leaky surface acoustic wave by loading with high-velocity thin film. Japanese Journal of Applied Physics, 2016, 55, 07KD11.	1.5	17
22	Love-type surface acoustic wave on Y-X-LiTaO_3 with amorphous Ta ₂ O ₅ thin film. Japanese Journal of Applied Physics, 2015, 54, 07HD03.	1.5	13
23	Loss reduction of longitudinal-type leaky surface acoustic wave by loading with high-velocity thin film. Japanese Journal of Applied Physics, 2014, 53, 07KD04.	1.5	27
24	Evaluation of Piezoelectric Ta ₂ O ₅ Thin Films Deposited on Sapphire Substrates. Japanese Journal of Applied Physics, 2013, 52, 07HD06.	1.5	5
25	Longitudinal-Type Leaky Surface Acoustic Wave on LiNbO ₃ with High-Velocity Thin Film. Japanese Journal of Applied Physics, 2013, 52, 07HD02.	1.5	17
26	Loss Reduction of Longitudinal-Type Leaky Surface Acoustic Wave by Reverse Proton Exchange. Japanese Journal of Applied Physics, 2012, 51, 07GC17.	1.5	4
27	Deposition of Highly Oriented Ta ₂ O ₅ Piezoelectric Thin Films on Silicon for Fabricating Film Bulk Acoustic Resonator Structure by RF Magnetron Sputtering. Japanese Journal of Applied Physics, 2011, 50, 07HD09.	1.5	8
28	Fabrication and Evaluation of Highly Oriented Ta ₂ O ₅ Piezoelectric Thin Films Prepared by Radio Frequency Magnetron Sputtering. Japanese Journal of Applied Physics, 2010, 49, 07HB06.	1.5	10
29	Leaky-Surface-Acoustic-Wave Properties on Reverse-Proton-Exchanged LiNbO ₃ . Japanese Journal of Applied Physics, 2009, 48, 07GG10.	1.5	9
30	Fabrication and Evaluation of Highly (110)-Oriented Potassium Niobate Thin Films Prepared by RF-Magnetron Sputtering. Japanese Journal of Applied Physics, 2008, 47, 3802-3806.	1.5	13
31	Lamb-Wave-Type High Frequency Resonator. Japanese Journal of Applied Physics, 2003, 42, 3086-3090.	1.5	25
32	Suppression of bulk wave radiation from leaky surface acoustic waves by loading with thin dielectric films. Journal of Applied Physics, 2000, 87, 1440-1447.	2.5	18
33	Propagation Characteristics of Leaky Surface Acoustic Wave on Proton-Exchanged 36°Y-XLiTaO ₃ . Japanese Journal of Applied Physics, 1997, 36, 3064-3067.	1.5	10
34	Analysis of longitudinal leaky surface acoustic waves on quartz thin plate bonded to similar-material substrate. Japanese Journal of Applied Physics, 0, , .	1.5	4