Yohachi Yamashita

List of Publications by Year
in descending order

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20	539	623734	752698
papers	citations	14	20
		h-index	g-index

21	21	21	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spurious-mode vibrations caused by alternating current poling and their solution process for Pb(Mg1/3Nb2/3)O3-PbTiO3 single crystals. Journal of Materiomics, 2022, 8, 96-103.	5.7	14
2	Recent progress on AC poling of relaxor-PbTiO₃ ferroelectric single crystals: a review. Japanese Journal of Applied Physics, 2022, 61, SB0802.	1.5	21
3	Scaling effects in the alternating-current poling of thin PIN-PMN-PT single crystals. Applied Physics Letters, 2022, 120, .	3.3	6
4	High piezoelectricity after field cooling AC poling in temperature stable ternary single crystals manufactured by continuous-feeding Bridgman method. Journal of Advanced Ceramics, 2022, 11, 57-65.	17.4	14
5	The overpoling effect of alternating current poling on rhombohedral Pb(Mg1/3Nb2/3)O3-PbTiO3 single crystals. Applied Physics Letters, 2022, 120, .	3.3	6
6	A Review on Alternating Current Poling for Perovskite Relaxor-PbTiO₃ Single Crystals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 3037-3047.	3.0	16
7	High temperature and low voltage AC poling for 0.24Pb(In1/2Nb1/2)O3-0.46Pb(Mg1/3Nb2/3)O3-0.30PbTiO3 piezoelectric single crystals manufactured by continuous-feeding Bridgman method. Journal of Materiomics, 2021, 7, 621-628.	5.7	18
8	Enhanced dielectric and piezoelectric properties of manganese-doped Pb(In1/2Nb1/2)O3-Pb(Mg1/3Nb2/3)O3-PbTiO3 single crystals by alternating current poling. Applied Physics Letters, 2021, 118, .	3.3	26
9	Alternating current poling on sliver-mode rhombohedral Pb(Mg1/3Nb2/3)O3-PbTiO3 single crystals. Acta Materialia, 2021, 208, 116759.	7.9	27
10	Dielectric, piezoelectric, and spurious mode vibration properties by four types of waveforms AC poling for Pb(Mg_{1/3}Nb_{2/3})O₃-PbTiO₃ single crystals. Japanese Journal of Applied Physics, 2021, 60, SFFC04.	1.5	13
11	Observation of the Domain Morphology of Pb(Mg_{1/3}Nb_{2/3})O₃-xPbTiO₃ Single Crystals. , 2021, , .		0
12	Effect of field cooling AC poling on electrical and physical properties for Pb(Mg_{1/3}Nb_{2/3})O₃-PbTiO₃-based single crystals manufactured by a continuous-feeding Bridgman process. Japanese Journal of Applied Physics, 2020, 59, SPPD07.	1.5	30
13	Enhanced electric property of relaxor ferroelectric crystals with low AC voltage high-temperature poling. Japanese Journal of Applied Physics, 2020, 59, SPPD08.	1.5	25
14	Alternate current poling and direct current poling for Pb(Mg_{1/3}Nb_{2/3})O₃â€“PbTiO₃single crystals. Japanese Journal of Applied Physics, 2019, 58, SLLC06.	1.5	43
15	Dielectric and piezoelectric properties of Pb[(Mg_{1/3}Nb_{2/3})_{0.52}(Yb_{1/2}Nb_{1/2})_{0.15}Ti_{0.33} single-crystal rectangular plate and beam mode transducers poled by alternate current poling. Japanese Journal of Applied Physics, 2019, 58, SLLD06.	1.5	39
16	Effect of low-frequency alternating current poling on 5-mm-thick 0.7Pb(Mg1/3Nb2/3)O3-0.3PbTiO3 single crystals. Applied Physics Letters, 2019, 115, .	3.3	38
17	Effect of poling temperature on piezoelectric and dielectric properties of 0.7Pb(Mg1/3Nb2/3)O3-0.3PbTiO3 single crystals under alternating current poling. Applied Physics Letters, 2019, 114, .	3.3	49
18	Dielectric and piezoelectric properties of 0.7 Pb(Mg_{1/3}Nb_{2/3})O₃-0.3 PbTiO₃ single crystal poled using alternating current. Materials Research Letters, 2018, 6, 537-544.	8.7	85

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19	Electrical and physical properties of repoled PMNâ€“PT single-crystal sliver transducer. Sensors and Actuators A: Physical, 2013, 200, 16-20.	4.1	22
20	Dielectric and Piezoelectric Properties of Pb[(In1/2Nb1/2)0.24(Mg1/3Nb2/3)0.42Ti0.34]O3Single Crystals. Japanese Journal of Applied Physics, 2005, 44, 7037-7041.	1.5	43