

Yohachi Yamashita

List of Publications by Year in descending order

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20
papers

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citations

623734

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docs citations

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times ranked

157
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dielectric and piezoelectric properties of 0.7 Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3 PbTiO ₃ single crystal poled using alternating current. <i>Materials Research Letters</i> , 2018, 6, 537-544. | 8.7 | 85 |
| 2 | Effect of poling temperature on piezoelectric and dielectric properties of 0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ single crystals under alternating current poling. <i>Applied Physics Letters</i> , 2019, 114, . | 3.3 | 49 |
| 3 | Dielectric and Piezoelectric Properties of Pb[(In _{1/2} Nb _{1/2}) _{0.24} (Mg _{1/3} Nb _{2/3}) _{0.42} Ti _{0.34}]O ₃ Single Crystals. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 7037-7041. | 1.5 | 43 |
| 4 | Alternate current poling and direct current poling for Pb(Mg _{1/3} Nb _{2/3})O ₃ –PbTiO ₃ single crystals. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SLLC06. | 1.5 | 43 |
| 5 | 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}]O ₃ single-crystal rectangular plate and beam mode transducers poled by alternate current poling. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SLLD06. | 1.5 | 39 |
| 6 | Effect of low-frequency alternating current poling on 5-mm-thick 0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ single crystals. <i>Applied Physics Letters</i> , 2019, 115, . | 3.3 | 38 |
| 7 | Effect of field cooling AC poling on electrical and physical properties for Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ -based single crystals manufactured by a continuous-feeding Bridgman process. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SPPD07. | 1.5 | 30 |
| 8 | Alternating current poling on sliver-mode rhombohedral Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystals. <i>Acta Materialia</i> , 2021, 208, 116759. | 7.9 | 27 |
| 9 | Enhanced dielectric and piezoelectric properties of manganese-doped Pb(In _{1/2} Nb _{1/2})O ₃ -Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystals by alternating current poling. <i>Applied Physics Letters</i> , 2021, 118, . | 3.3 | 26 |
| 10 | Enhanced electric property of relaxor ferroelectric crystals with low AC voltage high-temperature poling. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SPPD08. | 1.5 | 25 |
| 11 | Electrical and physical properties of reposed PMN–PT single-crystal sliver transducer. <i>Sensors and Actuators A: Physical</i> , 2013, 200, 16-20. | 4.1 | 22 |
| 12 | Recent progress on AC poling of relaxor-PbTiO ₃ ferroelectric single crystals: a review. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SB0802. | 1.5 | 21 |
| 13 | High temperature and low voltage AC poling for 0.24Pb(In _{1/2} Nb _{1/2})O ₃ -0.46Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.30PbTiO ₃ piezoelectric single crystals manufactured by continuous-feeding Bridgman method. <i>Journal of Materiomics</i> , 2021, 7, 621-628. | 5.7 | 18 |
| 14 | A Review on Alternating Current Poling for Perovskite Relaxor-PbTiO ₃ Single Crystals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 3037-3047. | 3.0 | 16 |
| 15 | Spurious-mode vibrations caused by alternating current poling and their solution process for Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystals. <i>Journal of Materiomics</i> , 2022, 8, 96-103. | 5.7 | 14 |
| 16 | High piezoelectricity after field cooling AC poling in temperature stable ternary single crystals manufactured by continuous-feeding Bridgman method. <i>Journal of Advanced Ceramics</i> , 2022, 11, 57-65. | 17.4 | 14 |
| 17 | Dielectric, piezoelectric, and spurious mode vibration properties by four types of waveforms AC poling for Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ single crystals. <i>Japanese Journal of Applied Physics</i> , 2021, 60, SFFC04. | 1.5 | 13 |
| 18 | Scaling effects in the alternating-current poling of thin PIN-PMN-PT single crystals. <i>Applied Physics Letters</i> , 2022, 120, . | 3.3 | 6 |

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|----|---|-----|-----------|
| 19 | The overpoling effect of alternating current poling on rhombohedral $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ single crystals. Applied Physics Letters, 2022, 120, . | 3.3 | 6 |
| 20 | Observation of the Domain Morphology of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-xPbTiO}_3$ Single Crystals. , 2021, , . | | 0 |