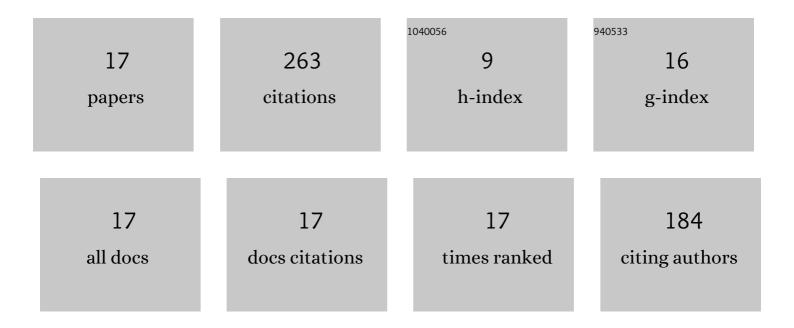


## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High-Frequency 0.36BiScO <sub>3</sub> -0.64PbTiO <sub>3</sub> Ultrasonic Transducer for High-Temperature Imaging Application. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 761-768.	3.0	7
2	Single-Beam Acoustic Tweezer Prepared by Lead-Free KNN-Based Textured Ceramics. Micromachines, 2022, 13, 175.	2.9	4
3	A Review of UltraHigh Frequency Ultrasonic Transducers. Frontiers in Materials, 2022, 8, .	2.4	11
4	Effect of template amounts on the orientation degree and electrical properties of lead-free piezoelectric textured KNN-based ceramics. Journal of Applied Physics, 2022, 131, .	2.5	6
5	Giant strain responses and relaxor characteristics in lead-free (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> –BaZrO <sub>3</sub> ferroelectric thin films. Journal of Materials Chemistry C, 2022, 10, 7449-7459.	5.5	8
6	Highly heterogeneous epitaxy of flexoelectric BaTiO3-l´ membrane on Ge. Nature Communications, 2022, 13, .	12.8	22
7	Achieving high piezoelectric performances with enhanced domain-wall contributions in <001>-textured Sm-modified PMN-29PT ceramics. Journal of the European Ceramic Society, 2021, 41, 2458-2464.	5.7	26
8	Evolution of mesoscopic domain structure and macroscopic properties in lead-free Bi0.5Na0.5TiO3-BaTiO3 ferroelectric ceramics. Journal of Applied Physics, 2021, 129, .	2.5	23
9	Lead-Free KNN-Based Textured Ceramics for High-Frequency Ultrasonic Transducer Application. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1979-1987.	3.0	22
10	Enhanced Electrical Properties of Lead-Free Piezoelectric KNLN-BZ-BNT Ceramics With the Modification of Sm3+ lons. Frontiers in Materials, 2021, 8, .	2.4	2
11	Establishment and Verification of Neural Network for Rapid and Accurate Cytological Examination of Four Types of Cerebrospinal Fluid Cells. Frontiers in Medicine, 2021, 8, 749146.	2.6	0
12	Effects of MnO <sub>2</sub> addition on the electrical properties of lead-free textured potassium sodium niobate-based ceramics. Ferroelectrics, 2019, 553, 51-59.	0.6	1
13	Large Piezoelectric Strain with Superior Thermal Stability and Excellent Fatigue Resistance of Lead-Free Potassium Sodium Niobate-Based Grain Orientation-Controlled Ceramics. ACS Applied Materials & Interfaces, 2018, 10, 10220-10226.	8.0	51
14	0.36BiScO3-0.64PbTiO3 piezoelectric ceramics for high temperature ultrasonic transducer applications. Journal of Alloys and Compounds, 2018, 743, 365-371.	5.5	28
15	Fabrication and Characterization of High-Frequency Ultrasound Transducers Based on Lead-Free BNT-BT Tape-Casting Thick Film. Sensors, 2018, 18, 3166.	3.8	9
16	0.36BiScO <sub>3</sub> –0.64PbTiO <sub>3</sub> /Epoxy 1–3 Composite for Ultrasonic Transducer Applications. IEEE Sensors Journal, 2018, 18, 5685-5690.	4.7	25
17	High Frequency Needle Ultrasonic Transducers Based on Lead-Free Co Doped Na0.5Bi4.5Ti4O15 Piezo-Ceramics. Micromachines, 2018, 9, 291.	2.9	18