

# Tianxiang Yan

## List of Publications by Year in descending order

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11  
papers

226  
citations

1163117

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1474206

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g-index

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times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	The high piezoelectricity and thermal stability of high-temperature piezoelectric ceramics $\text{BiFeO}_3 \cdot 0.25\text{BaTiO}_3 \cdot \text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ near the MPB. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8301-8309.		17
2	High dielectric temperature stability and dielectric relaxation mechanism of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3\text{-LaBiO}_3$ ceramics. <i>Journal of Electroceramics</i> , 2021, 46, 72-82.	2.0	3
3	Structure evolution, dielectric, and conductivity behavior of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3\text{-Bi}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ ceramics. <i>Journal of Advanced Ceramics</i> , 2021, 10, 809-819.	17.4	15
4	Design and flow characteristic of valveless piezoelectric pump with half-cone bluff body. , 2020, , .		0
5	Improved design and experimental analysis of valveless piezoelectric pump based on hemisphere-segment bluff-body. , 2019, , .		0
6	Dielectric properties of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3 \cdot (\text{Bi}_{0.5}\text{Li}_{0.5})\text{ZrO}_3$ lead-free ceramics as high-temperature ceramic capacitors. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	24
7	Dielectric Properties of $(\text{Bi}_{0.5}\text{K}_{0.5})\text{ZrO}_3$ Modified $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ Ceramics as High-Temperature Ceramic Capacitors. <i>Journal of Electronic Materials</i> , 2018, 47, 7106-7113.	2.2	12
8	Dielectric response mechanism and suppressing high-frequency dielectric loss in $\text{Y}_2\text{O}_3$ grafted $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 17378-17387.	2.2	30
9	Dielectric and conductivity behavior of Mn-doped $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ single crystal. <i>Solid State Communications</i> , 2017, 264, 1-5.	1.9	26
10	Influence of interface point defect on the dielectric properties of Y doped $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics. <i>Journal of Advanced Dielectrics</i> , 2016, 06, 1650009.	2.4	58
11	Grain boundary defect compensation in Ti-doped $\text{BaFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ ceramics. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	41