

Tianxiang Yan

List of Publications by Year in descending order

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11
papers

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1163117

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198
citing authors

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