

# Faqliang Zhang

## List of Publications by Year in descending order

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15  
papers

200  
citations

1163117

8  
h-index

1058476

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15  
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15  
docs citations

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times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-temperature sintering of Al <sub>2</sub> O <sub>3</sub> ceramics doped with 4CuO-TiO <sub>2</sub> -2Nb <sub>2</sub> O <sub>5</sub> composite oxide sintering aid. Journal of the European Ceramic Society, 2020, 40, 5504-5510.	5.7	31
2	An LC Wireless Microfluidic Sensor Based on Low Temperature Co-Fired Ceramic (LTCC) Technology. Sensors, 2019, 19, 1189.	3.8	27
3	Wireless Microfluidic Sensor for Metal Ion Detection in Water. ACS Omega, 2021, 6, 9302-9309.	3.5	27
4	Facile Chemical Bath Synthesis of SnS Nanosheets and Their Ethanol Sensing Properties. Sensors, 2019, 19, 2581.	3.8	21
5	High-throughput synthesis and electrical properties of BNT-BT-KNN lead-free piezoelectric ceramics. Journal of Materials Chemistry C, 2020, 8, 3655-3662.	5.5	19
6	Passive Wireless LC Proximity Sensor Based on LTCC Technology. Sensors, 2019, 19, 1110.	3.8	18
7	Fabrications and Performance of Wireless LC Pressure Sensors through LTCC Technology. Sensors, 2018, 18, 340.	3.8	16
8	Integrated passive wireless pressure and temperature dual-parameter sensor based on LTCC technology. Ceramics International, 2018, 44, S129-S132.	4.8	12
9	Cathodoluminescence evaluation of the degradation of Mg, Ca and Dy Co-doped BaTiO <sub>3</sub> Ceramics. Journal of the European Ceramic Society, 2021, 41, 7654-7661.	5.7	8
10	Electrical properties and temperature stability of SrTiO <sub>3</sub> modified (Bi <sup>1/2</sup> Na <sup>1/2</sup> )TiO <sub>3</sub> BaTiO <sub>3</sub> (K <sup>1/2</sup> Na) <sub>1-x</sub> Ti <sub>1-x</sub> ETQq0.07rgBT/Ov	3.8	7
11	The kinetic effect on formation of disordered intergrowth structures in mixed bismuth-layered (Bi <sub>3</sub> NbTiO <sub>9</sub> ) <sub>2</sub> (Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> ) <sub>1</sub> compounds. Ceramics International, 2015, 41, S162-S168.	4.8	4
12	Non-Stoichiometry Induced Switching Behavior of Ferroelectric Photovoltaic Effect in BaTiO <sub>3</sub> Ceramics. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900074.	2.4	4
13	Effects of the post-annealing reductive-atmosphere-sintered (K <sub>0.48</sub> Na <sub>0.52</sub> )NbO <sub>3</sub> lead-free piezoceramics. Ceramics International, 2020, 46, 27373-27380.	4.8	2
14	Microstructure and electrical properties of (K <sub>0.48</sub> Na <sub>0.52</sub> ) <sub>0.97</sub> Li <sub>0.03</sub> NbO <sub>3</sub> - 0.03CaZrO <sub>3</sub> lead-free piezoceramics with (4CuO-TiO <sub>2</sub> -2Nb <sub>2</sub> O <sub>5</sub> ) additive. Ceramics International, 2021, 47, 18886-18892.	4.8	2
15	A 26 GHz Partially Air-Filled Substrate Integrated Waveguide Filter Based on LTCC. , 2020, , .		2