

Luchao Ren

List of Publications by Year in descending order

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19
papers

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1040056

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times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Sintering behavior, structure, and microwave properties of novel Li ₂ Cu ₁ -MoO ₄ ceramics. <i>Ceramics International</i> , 2022, 48, 17225-17233.	4.8	6
2	Effect of ferroelectric material activity on dielectric properties of ferroelectric-dielectric composite ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14006-14013.	2.2	2
3	Structure and dielectric properties of Ba _{1-x} Sr _x CuSi ₂ O ₆ -Ba _{0.55} Sr _{0.45} TiO ₃ ferroelectric-dielectric composite ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21318-21325.	2.2	1
4	Application of composite binders in the fabrication of LTCC green tape based on the borosilicate glass/Al ₂ O ₃ system with optimized Ca/Mg ratios. <i>Ceramics International</i> , 2020, 46, 25979-25986.	4.8	13
5	Co-firing compatibility of LTCC hetero-laminates with low and middle permittivity. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12282-12291.	2.2	1
6	Effect of phase distribution on dielectric properties of ferroelectric-dielectric composite ceramics. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 711-720.	2.3	0
7	Optimization of borosilicate glass/CaTiO ₃ -TiO ₂ composite via altering pre-firing temperature and particle size. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 77-87.	2.1	3
8	Sintering behaviour and microwave dielectric properties of MgO/Eu ₂ O ₃ -doped 0.65CaTiO ₃ -0.35SmAlO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9372-9378.	2.2	1
9	Influence of Nd ₂ O ₃ /SrO additives on sintering characteristics and microwave dielectric properties of (Zr _{0.8} Sn _{0.2})TiO ₄ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 491-498.	2.2	3
10	The tape casting process for manufacturing low-temperature co-fired ceramic green sheets: A review. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3874-3889.	3.8	45
11	Modification of tape casting slurry via effective plasticization by butyl benzyl phthalate of CaO-SiO ₂ -B ₂ O ₃ glass-ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20546-20553.	2.2	3
12	Fabrication of a high-performance film based borosilicate glass/Al ₂ O ₃ ceramics for LTCC application. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2415-2421.	5.7	21
13	Microstructure, sinterability and properties of CaO-B ₂ O ₃ -SiO ₂ glass/Al ₂ O ₃ composites for LTCC application. <i>Ceramics International</i> , 2017, 43, 6791-6795.	4.8	61
14	Synthesis and characterization of LTCC compositions with middle permittivity based on CaO-B ₂ O ₃ -SiO ₂ glass/CaTiO ₃ system. <i>Journal of the European Ceramic Society</i> , 2017, 37, 619-623.	5.7	23
15	Optimization of tape casting process via surface modification of glass/Al ₂ O ₃ powder. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 9877-9884.	2.2	11
16	Effects of ZrO ₂ -ZnO on the sintering behavior and microwave dielectric properties of 0.65CaTiO ₃ -0.35SmAlO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 12834-12839.	2.2	10
17	Microstructure, sintering and properties of CaO-Al ₂ O ₃ -B ₂ O ₃ -SiO ₂ glass/Al ₂ O ₃ composites with different CaO contents. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 5446-5451.	2.2	29
18	Synthesis and characteristics of borosilicate-based glass-ceramics with different SiO ₂ and Na ₂ O contents. <i>Journal of Alloys and Compounds</i> , 2015, 646, 780-786.	5.5	25

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19	Effect of grain morphology and ion diffusion on the dielectric properties of ferroelectric-dielectric composite ceramics. Materials Technology, 0, , 1-6.	3.0	0