

Xianfu Luo

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Synthesis of 0.65CaTiO ₃ -0.35SmAlO ₃ ceramics and effects of La ₂ O ₃ /SrO doping on their microwave dielectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 21205-21212.	2.2	9
9	Properties of borosilicate glass/Al ₂ O ₃ composites with different Al ₂ O ₃ concentrations for LTCC applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 14069-14077.	2.2	9
10	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
11	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
12	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
13	Synthesis and low temperature densification of (Zr _{0.8} Sn _{0.2})TiO ₄ ceramics with improved dielectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5194-5202.	2.2	2
14	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