Xingyu Chen

List of Publications by Year
in descending order

27 papers	357 citations	933447 10 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	197 citing authors

#	Article	IF	Citations
1	Densification and characterization of SiO 2 -B 2 O 3 -CaO-MgO glass/Al 2 O 3 composites for LTCC application. Ceramics International, 2013, 39, 6355-6361.	4.8	72
2	Low Sintering Temperature Microwave Dielectric Ceramics and Composites Based on <scp><scp>Bi</scp></scp>₂<scp><scp>O</scp></scp>₃ â€“<scp><scp>B</scp></scp>₂<scp><scp>O</scp></scp>₃. Journal of the American Ceramic Society, 2012, 95, 3207-3213.	3.8	46
3	Low temperature sintering and characterization of La2O3-B2O3-CaO glass-ceramic/LaBO3 composites for LTCC application. Journal of the European Ceramic Society, 2020, 40, 2382-2389.	5.7	27
4	Synthesis, characterization, and dielectric properties of low loss LaBO3 ceramics. Journal of the European Ceramic Society, 2013, 33, 3001-3006.	5.7	26
5	Effects of alkaline earth oxides on the densification and microwave properties of low-temperature fired BaOâ€“Al2O3â€“SiO2 glassâ€“ceramic/Al2O3 composites. Journal of Materials Science, 2019, 54, 12371-12380.	3.7	26
6	Low temperature sintering and microwave dielectric properties of Bi4B2O9-added 0.25CaTiO3â€“0.75(Li1/2Nd1/2)TiO3 ceramics. Journal of Alloys and Compounds, 2012, 541, 132-136.	5.5	20
7	Synthesis and characterization of low CTE value La2O3-B2O3-CaO-P2O5 glass/cordierite composites for LTCC application. Ceramics International, 2019, 45, 7203-7209.	4.8	20
8	Synthesis and characterization of borosilicate glass/Î²-spodumene/Al2O3 composites with low CTE value for LTCC applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 9038-9044.	2.2	18
9	The effect of CaO/SiO₂ and B₂O₃ on the sintering contraction behaviors of CaO-B₂O₃-SiO₂ glass-ceramics. International Journal of Modern Physics B, 2019, 33, 1950070.	2.0	17
10	Low temperature sintering and dielectric properties of La2O3â€“B2O3â€“Al2O3 glassâ€“ceramic/Al2O3 composites for LTCC applications. Journal of Materials Science: Materials in Electronics, 2019, 30, 3098-3106.	2.2	16
11	Improvement of gold electrode conductivity after cofiring with CaOâ€“B2O3â€“SiO2 green tapes for LTCC application. Ceramics International, 2020, 46, 493-499.	4.8	9
12	Sintering densification behaviors and crystallization characteristics of glassâ€“ceramics formed by two types of CaOâ€“B2O3â€“SiO2 glass. Journal of Materials Science: Materials in Electronics, 2019, 30, 10352-10359.	2.2	8
13	Research on controllable synthesis of silicon carbide whiskers and particles on graphite by chemical vapor reaction. Journal of Materials Science, 2019, 54, 2016-2024.	3.7	8
14	Influence of La/B ratio on the structure, sinterability and crystallization of La2O3â€“B2O3â€“CaO glassâ€“ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 14805-14812.	2.2	7
15	Effect of Bi4B2O9 addition on the sintering temperature and microwave dielectric properties of BaOâ€“Nd2O3â€“4TiO2 ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 224-229.	2.2	6
16	Influence of Surface Microstructures on Explosive Electron Emission Properties for Graphite Cathodes. IEEE Transactions on Plasma Science, 2017, 45, 959-968.	1.3	5
17	Investigation of microstructure and dielectric properties of LaMnO3 doped BaTiO3 ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 18227-18233.	2.2	5
18	Sintering behavior and dielectric properties of La2O3â€“B2O3â€“CaOâ€“P2O5 glass/Al2O3 composites for LTCC applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 18581-18589.	2.2	5

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19	Comprehensive effects of La/B ratio and CaO additive on the efficiency of lanthanum borate glassâ€“ceramics as sintering aids for LTCC application. Journal of Materials Science: Materials in Electronics, 2021, 32, 24369-24380.	2.2	4
20	Effects of Pbâ€“Bâ€“Siâ€“O glass on the microstructures and electrical properties of silver electrode for LTCC application. Journal of Materials Science: Materials in Electronics, 2022, 33, 17814-17827.	2.2	4
21	High-permittivity microwave dielectric ceramics based on (1 -) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (x)(<font>Li</fon International Journal of Modern Physics B, 2015, 29, 1540026.	2.0	3
22	Phase evolution and dielectric properties of La2O3â€“B2O3â€“ZnO glass-ceramics/Al2O3 composites for LTCC substrates at high frequencies. Journal of Materials Science: Materials in Electronics, 2022, 33, 12436-12446.	2.2	3
23	Decrease in the camber degree of Au/ceramic co-fired structure for LTCC technology. Journal of Materials Science: Materials in Electronics, 2020, 31, 17225-17232.	2.2	2
24	A Two-stage Microgrid Reconfiguration Model With Mobile Energy Storage. , 2019, , .		0
25	The influence of glass particle size on the interfacial bonding strength of Au/ceramic co-fired structure. Microelectronics Reliability, 2021, 117, 114039.	1.7	0
26	Effect of composition on crystallization behavior of La₂O₃-B₂O₃-CaO glass-ceramics. Journal of Physics: Conference Series, 2021, 2021, 012062.	0.4	0
27	Sintering characteristics and microwave dielectric properties of 0.5(Ca0.7Nd0.2)TiO₃â€“0.5(Li0.5Nd0.5)TiO₃ ceramics with La₂O₃â€“B₂O₃â€“CaOâ€“P₂O₅ additive. International Journal of Modern Physics B, 2021, 35, .	2.0	0