Hsing-I Hsiang

List of Publications by Year
in descending order

136	2,446	218677	289244
papers	citations	26 h-index	40 g-index

139	139	139	2362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Crystallite Size on the Ferroelectric Domain Growth of Ultrafine BaTiO3 Powders. Journal of the American Ceramic Society, 1996, 79, 1053-1060.	3.8	154
2	Sintering behavior and dielectric properties of BaTiO3 ceramics with glass addition for internal capacitor of LTCC. Journal of Alloys and Compounds, 2008, 459, 307-310.	5.5	102
3	Cubic to Tetragonal Phase Transformation of Ultrafine $f BaTiO_{3}$ Crystallites at Room Temperature. Japanese Journal of Applied Physics, 1995, 34, 6149-6155.	1.5	91
4	Title is missing!. Journal of Materials Science, 2001, 36, 3809-3815.	3.7	82
5	Phosphoric acid addition effect on the microstructure and magnetic properties of iron-based soft magnetic composites. Journal of Magnetism and Magnetic Materials, 2018, 447, 1-8.	2.3	64
6	Hexagonal ferrite powder synthesis using chemical coprecipitation. Materials Chemistry and Physics, 2007, 104, 1-4.	4.0	63
7	Effect of Copperâ€Rich Secondary Phase at the Grain Boundaries on the Varistor Properties of CaCu₃Ti₄O₁₂Ceramics. Journal of the American Ceramic Society, 2008, 91, 3735-3737.	3.8	57
8	Characterizations of Eu, Dy co-doped SrAl2O4 phosphors prepared by the solid-state reaction with B2O3 addition. Journal of Alloys and Compounds, 2008, 461, 598-603.	5.5	51
9	Microwave dielectric properties of Ca0.7Nd0.2TiO3 ceramic-filled CaO-B2O3-SiO2 glass for LTCC applications. Journal of Advanced Ceramics, 2019, 8, 345-351.	17.4	49
10	Effects of aging on nanocrystalline anatase-to-rutile phase transformation kinetics. Ceramics International, 2008, 34, 557-561.	4.8	46
11	Effects of aging on the phase transformation and sintering properties of TiO2 gels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 380, 67-72.	5.6	43
12	Low temperature sintering and dielectric properties of BaTiO3 with glass addition. Materials Chemistry and Physics, 2009, 113, 658-663.	4.0	42
13	Materials and electrode designs of high-performance NiCo2S4/Reduced graphene oxide for supercapacitors. Ceramics International, 2021, 47, 25942-25950.	4.8	40
14	Interfacial reaction of TiO2/NiCuZn ferrites in multilayer composites. Journal of the European Ceramic Society, 2004, 24, 2015-2021.	5.7	36
15	Iron oxide synthesis using a continuous hydrothermal and solvothermal system. Ceramics International, 2010, 36, 1131-1135.	4.8	36
16	Copper-rich phase segregation effects on the magnetic properties and DC-bias-superposition characteristic of NiCuZn ferrites. Journal of Magnetism and Magnetic Materials, 2015, 374, 367-371.	2.3	36
17	Effects of mechanical treatment on phase transformation and sintering of nano-sized Î³-Fe2O3 powder. Ceramics International, 2003, 29, 1-6.	4.8	31
18	Crystallization, densification and dielectric properties of CaOâ€“MgOâ€“Al2O3â€“SiO2 glass with ZrO2 as nucleating agent. Materials Research Bulletin, 2014, 60, 730-737.	5.2	30

#	Article	IF	Citations
19	Preparation of superhydrophobic boehmite and anatase nanocomposite coating films. Materials Research Bulletin, 2007, 42, 420-427.	5.2	29
20	Formation Mechanisms of Cu(In_{0.7}Ga_{0.3})Se₂ Nanocrystallites Synthesized Using Hotâ€Injection and Heatingâ€Up Processes. Journal of the American Ceramic Society, 2011, 94, 3030-3034.	3.8	29
21	Effects of Porosity on Dielectric Properties of $f BaTiO_{3}$ Ceramics. Japanese Journal of Applied Physics, 1995, 34, 1922-1925.	1.5	28
22	Dispersion of nonaqueous Co2Z ferrite powders with titanate coupling agent and poly(vinyl butyral). Applied Surface Science, 2005, 245, 252-259.	6.1	28
23	Minor yttrium nitrate addition effect on FeSiCr alloy powder core electromagnetic properties. Journal of Magnetism and Magnetic Materials, 2017, 444, 1-6.	2.3	28
24	Dielectric Properties and Ferroelectric Domain of BaTiO3Powders. Japanese Journal of Applied Physics, 1993, 32, 5029-5035.	1.5	27
25	Synthesis and characterization of Al2O3-Ce0.5Zr0.5O2 powders prepared by chemical coprecipitation method. Journal of Alloys and Compounds, 2009, 470, 387-392.	5.5	27
26	Effects of titanate coupling agent on the dielectric properties of NiZn ferrite powdersâ€“epoxy resin coatings. Ceramics International, 2011, 37, 2347-2352.	4.8	27
27	Bi₂O₃ Addition Effects on the Sintering Mechanism, Magnetic Properties, and <scp>DC</scp> Superposition Behavior of NiCuZn Ferrites. International Journal of Applied Ceramic Technology, 2015, 12, 1008-1015.	2.1	27
28	Dielectric Properties and Microstructure of Nbâ€Co Codoped BaTiO₃â€“(Bi_{0.5}Na_{0.5})TiO₃ Ceramics. Journal of the American Ceramic Society, 2009, 92, 2768-2771.	3.8	26
29	Influence of glass additives on the sintering behavior and dielectric properties of BaOÂ·(Nd0.8Bi0.2)2O3Â·4TiO2 ceramics. Journal of Alloys and Compounds, 2009, 467, 485-490.	5.5	26
30	Diffusivity of silver ions in the low temperature co-fired ceramic (LTCC) substrates. Journal of Materials Science, 2011, 46, 4695-4700.	3.7	26
31	Molten salt synthesis and magnetic properties of 3BaOÂ·2CoOÂ·12Fe2O3 powder. Journal of Magnetism and Magnetic Materials, 2004, 278, 218-222.	2.3	24
32	Silane surface modification effects on the electromagnetic properties of phosphatized iron-based SMCs. Applied Surface Science, 2018, 433, 133-138.	6.1	24
33	Rapid synthesis and characterization of nearly dispersed marcasite CuSe2 and berzelianite Cu2Se crystallites using the chemical reduction process. Materials Research Bulletin, 2018, 97, 30-36.	5.2	24
34	Effects of the addition of alumina on the crystallization, densification and dielectric properties of CaOâ€“MgOâ€“Al2O3â€“SiO2 glass in the presence of ZrO2. Ceramics International, 2014, 40, 15807-15813.	4.8	23
35	Electromagnetic properties of FeSiCr alloy powders modified with amorphous SiO2. Journal of Magnetism and Magnetic Materials, 2020, 514, 167151.	2.3	23
36	Phase Evolution During Formation of SrAl₂O₄ from SrCO₃ and Î±â€Al₂O₃/AlOOH. Journal of the American Ceramic Society, 2007, 90, 2759-2765.	3.8	22

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37	Electrical properties of low-temperature-fired ferriteâ€“dielectric composites. Ceramics International, 2009, 35, 2035-2039.	4.8	22
38	Na2CO3 doping effect on ZnOâ€“Pr6O11â€“Co3O4 ceramic varistor properties. Journal of Alloys and Compounds, 2013, 558, 84-90.	5.5	22
39	Copper selenide crystallites synthesized using the hot-injection process. Advanced Powder Technology, 2016, 27, 959-963.	4.1	22
40	Sintering and cooling atmosphere effects on the microstructure, magnetic properties and DC superposition behavior of NiCuZn ferrites. Journal of the European Ceramic Society, 2017, 37, 2123-2128.	5.7	22
41	Progress in materials and processes of multilayer power inductors. Journal of Materials Science: Materials in Electronics, 2020, 31, 16089-16110.	2.2	22
42	Title is missing!. Journal of Materials Science, 2001, 36, 2081-2087.	3.7	21
43	Relationship Between the Microstructure and Magnetic Properties of Feâ€“Siâ€“Cr Powder Cores. IEEE Transactions on Magnetics, 2018, 54, 1-7.	2.1	21
44	Effects of glass additions on 3Ba0.5Sr0.5OÂ·2CoOÂ·12Fe2O3 for high-frequency applications. Journal of Magnetism and Magnetic Materials, 2004, 268, 186-193.	2.3	20
45	Dielectric and Magnetic Properties of Lowâ€Temperatureâ€Fired Ferriteâ€“Dielectric Composites. Journal of the American Ceramic Society, 2008, 91, 2043-2046.	3.8	20
46	Investigation and Design of High-Loading Sulfur Cathodes with a High-Performance Polysulfide Adsorbent for Electrochemically Stable Lithiumâ€“Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2022, 10, 9254-9264.	6.7	20
47	CuInSe2 nano-crystallite reaction kinetics using solid state reaction from Cu2Se and In2Se3 powders. Journal of Alloys and Compounds, 2011, 509, 6950-6954.	5.5	18
48	Low temperature firing of Co2Yâ€“NiCuZn ferrite composites. Ceramics International, 2012, 38, 4915-4921.	4.8	18
49	Characterization of CuSbSe2 crystallites synthesized using a hot injection method. RSC Advances, 2016, 6, 99297-99305.	3.6	18
50	Characteristics of yttria stabilized tetragonal zirconia powder used in optical fiber connector ferrule. Ceramics International, 2005, 31, 297-303.	4.8	16
51	Effects of aging on the kinetics of nanocrystalline anatase crystallite growth. Materials Chemistry and Physics, 2006, 95, 275-279.	4.0	16
52	Thermal, chemical, optical properties and structure of Er3+-doped and Er3+/Yb3+-codoped P2O5â€“Al2O3â€“ZnO glasses. Journal of Non-Crystalline Solids, 2011, 357, 1328-1334.	3.1	15
53	Silane effects on the surface morphology and abrasion resistance of transparent SiO2/UV-curable resin nano-composites. Applied Surface Science, 2011, 257, 3451-3454.	6.1	15
54	Effects of Glass Addition on Magnetic Properties of 3Ba0.5Sr0.5OÂ·2CoOÂ·12Fe2O3for Multilayer Chip Inductors. Japanese Journal of Applied Physics, 2002, 41, 5137-5141.	1.5	14

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55	Electrical properties of copper and titanium-codoped zinc ferrites. Journal of Alloys and Compounds, 2009, 472, 516-520.	5.5	14
56	Fabrication of highâ€efficiency Yb:Y₂O₃ laser ceramics without photodarkening. Journal of the American Ceramic Society, 2022, 105, 3375-3381.	3.8	14
57	Boehmite coating on Î¸-Al2O3 particles via a solâ€“gel route. Ceramics International, 2008, 34, 337-343.	4.8	13
58	Effects of B2O3 addition on the microstructure and microwave dielectric properties of La4Ba2Ti5O18. Journal of Alloys and Compounds, 2008, 465, 356-360.	5.5	13
59	Silane functional effects on the rheology and abrasion resistance of transparent SiO2/UV-curable resin nano-composites. Materials Chemistry and Physics, 2010, 120, 476-479.	4.0	13
60	Electrical properties of low temperature sintered copper and titanium-codoped copper zinc ferrites. Journal of Alloys and Compounds, 2010, 502, 163-168.	5.5	13
61	Mechanical and Dielectric Properties of NiZn Ferrite Powders-CTBN Modified Epoxy Resin Coatings. Polymer-Plastics Technology and Engineering, 2011, 50, 568-572.	1.9	13
62	Effects of alumina on the crystallization behavior, densification and dielectric properties of BaOâ€“ZnOâ€“SrOâ€“CaOâ€“Nd2O3â€“TiO2â€“B2O3â€“SiO2 glassâ€“ceramics. Ceramics International, 2011, 37, 2453-2458.	4.8	13
63	Cuprous selenide nano-crystal synthesis and characterization. Materials Research Bulletin, 2013, 48, 715-720.	5.2	13
64	Pre-reaction temperature effect on Câ€“Sâ€“H colloidal properties and xonotlite formation via steam assisted crystallization. Materials and Structures/Materiaux Et Constructions, 2016, 49, 905-915.	3.1	13
65	FeSiCr Alloy Powder to Carbonyl Iron Powder Mixing Ratio Effects on the Magnetic Properties of the Iron-Based Alloy Powder Cores Prepared Using Screen Printing. Materials, 2021, 14, 1034.	2.9	13
66	Titanate coupling agent effects on nonaqueous Co2Z ferrite suspensions dispersion. Journal of Materials Science, 2006, 41, 6339-6346.	3.7	12
67	Formation and growth of manganese phosphate passivation layers for NTC ceramics. Journal of Alloys and Compounds, 2009, 484, 723-728.	5.5	12
68	Crystalline phases and magnetic properties of Cuâ€“Biâ€“Zn co-doped Co2Z ferrites. Journal of Alloys and Compounds, 2011, 509, 3343-3346.	5.5	12
69	Polyethyleneimine surfactant effect on the formation of nano-sized BaTiO3 powder via a solid state reaction. Journal of Alloys and Compounds, 2011, 509, 7632-7638.	5.5	12
70	Leaching and re-synthesis of CIGS nanocrystallites from spent CIGS targets. Advanced Powder Technology, 2016, 27, 914-920.	4.1	12
71	Ag precipitation at the free interface of multilayer NiCuZn ferrites/LTCC components. Journal of the European Ceramic Society, 2016, 36, 1191-1195.	5.7	12
72	Polycrystalline alumina ceramic fabrication using digital stereolithographic light process. Ceramics International, 2021, 47, 33815-33826.	4.8	12

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73	Controlling morphology and crystallite size of Cu(In0.7Ga0.3)Se2 nano-crystals synthesized using a heating-up method. Journal of Solid State Chemistry, 2013, 208, 1-8.	2.9	11
74	Varistor and Magnetic Properties of Nickel Copper Zinc Niobium Ferrite Doped with <scp><scp>Bi</scp></scp>₂<scp><scp>O</scp></scp>₃. Journal of the American Ceramic Society, 2014, 97, 3918-3925.	3.8	11
75	Addition of a minor amount of Co2Y effects on the microstructure, magnetic properties and DC-bias superposition characteristics of low-fire NiCuZn ferrites. Materials Chemistry and Physics, 2015, 151, 295-300.	4.0	11
76	AgCrO2 formation mechanism during silver inner electrode and Feâ€“Siâ€“Cr alloy powder co-firing in metal multilayer chip power inductors. Journal of Materials Science: Materials in Electronics, 2019, 30, 8080-8088.	2.2	11
77	Glass additive influence on the sintering behavior, microstructure and microwave magnetic properties of Cuâ€“Biâ€“Zn co-doped Co2Z ferrites. Journal of Magnetism and Magnetic Materials, 2011, 323, 1011-1014.	2.3	10
78	Low-temperature sintered CuIn0.7Ga0.3Se2 prepared by colloidal processing. Journal of the European Ceramic Society, 2012, 32, 3753-3757.	5.7	10
79	Effects of the sodium stearate addition on the corrosion resistance and electromagnetic properties of phosphatized iron-based SMCs. Journal of Magnetism and Magnetic Materials, 2019, 490, 165532.	2.3	10
80	Structure, crystallization, and dielectric properties of the Al2O3 filled CaOâ€“B2O3â€“SiO2â€“Al2O3 glass composites for LTCC applications. Japanese Journal of Applied Physics, 2019, 58, 091010.	1.5	10
81	Effects of Uniaxial Compaction Pressure on the Dielectric Properties ofBaTiO3/Polyvinylidene Fluoride Composites. Japanese Journal of Applied Physics, 1994, 33, 3991-3995.	1.5	9
82	Cooling rate effects on the electrical properties of TiO2-based varistor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 128, 25-29.	3.5	9
83	Phase evolution and thermal behaviors of the solid-state reaction between SrCO3 and Al2O3 to form SrAl2O4 under air and CO2-air atmospheres. Ceramics International, 2012, 38, 2269-2276.	4.8	9
84	Thermal conductivity and dielectric properties of PEDOT:PSS-AlN filler reinforced water-soluble polymer composites. Ceramics International, 2017, 43, S710-S716.	4.8	9
85	Synthesis of 3BaOÂ·2CoOÂ·12Fe2O3 powder using chemical coprecipitation. Journal of Magnetism and Magnetic Materials, 2006, 307, 273-278.	2.3	8
86	Phase evolution and reduction behavior of Ce0.6Zr0.4O2 powders prepared using the chemical co-precipitation method. Ceramics International, 2013, 39, 1717-1722.	4.8	8
87	<scp><scp>CuInSe</scp></scp>₂ Formation from <scp><scp>CuSe</scp></scp>/<scp><scp>In</scp></scp>₂<scp><scp>Se</scp></scp>₃ and <scp><scp>Cu</scp></scp>₂<scp><scp>Se</scp></scp>/<scp><scp>In</scp></scp>₂<scp><scp>Se</scp></scp> Powders: Reaction Kinetics and Mechanisms. Journal of the American Ceramic Society, 2014, 97, 2439-2446.	3.8	8
88	Cooling Rate Effects on the Microstructure, Magnetic Properties, and DC Superposition Behavior of NiCuZn Ferrites. International Journal of Applied Ceramic Technology, 2015, 12, 1065-1070.	2.1	8
89	Cobalt-substitution effects on dielectric properties of CuZn ferrites. Ceramics International, 2015, 41, 4140-4144.	4.8	8
90	Crystallite formation mechanism of CuIn(Se,S)2 synthesized using solvothermal method. Ceramics International, 2015, 41, 3208-3213.	4.8	8

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91	Effects of selenization process on densification and microstructure of Cu(In,Ga)Se2 thin film prepared by doctor blading of CIGS nanoparticles. Ceramics International, 2018, 44, 20508-20513.	4.8	8
92	Exploring the evolution of pores in HIPed Y2O3 transparent ceramics. Ceramics International, 2021, 47, 11637-11643.	4.8	8
93	Formation mechanism of 3BaOÂ·2CoOÂ·12Fe2O3 powder synthesized using chemical coprecipitation. Journal of Alloys and Compounds, 2008, 453, 366-370.	5.5	7
94	Synthesis of Sr2SiO4 nanometer particles from the coreâ€“shell precursor of SrCO3/SiO2. Journal of Alloys and Compounds, 2010, 500, 108-112.	5.5	7
95	Solvoâ€Thermal Synthesis and Characterization of Indium Selenide Nanocrystals. Journal of the American Ceramic Society, 2011, 94, 3757-3760.	3.8	7
96	Silver end termination paste preparation for chip inductor applications. Journal of Alloys and Compounds, 2015, 650, 835-843.	5.5	7
97	Interactions between silver inner electrode and Fe-Si-Cr alloy of metal multilayer chip inductors. AIP Advances, 2018, 8, 085006.	1.3	7
98	Bulk Concentration Effects on the Structure and Orientation of Adsorbed Silane on the Surface of Nanosized SiO₂ Particles. Journal of the American Ceramic Society, 2008, 91, 387-390.	3.8	6
99	Characterization of strontium aluminate phosphors prepared from milled SrCO3. Ceramics International, 2009, 35, 1027-1032.	4.8	6
100	Ti4+ addition effect on Î±-Al2O3 flakes synthesis using a mixture of boehmite and potassium sulfate. Ceramics International, 2010, 36, 1467-1472.	4.8	6
101	Low-Pressure-Assisted Constrained Sintering of Low-Temperature-Fire NiCuZn Ferrites. International Journal of Applied Ceramic Technology, 2015, 12, E194-E201.	2.1	6
102	Low dielectric loss ceramics in the Mg4Nb2O9-ZnAl2O4-TiO2 ternary system. Journal of the European Ceramic Society, 2022, 42, 448-452.	5.7	6
103	Effects of Sr(Co, Nb, Ta)O₃ addition on the defect structures and electrical properties of ZnO-based varistors. Journal of Materials Chemistry C, 2022, 10, 9644-9654.	5.5	6
104	Synthesis of Î±â€Alumina Hexagonal Platelets Using a Mixture of Boehmite and Potassium Sulfate. Journal of the American Ceramic Society, 2007, 90, 4070-4072.	3.8	5
105	Sintering behaviors, magnetic and electric properties of Biâ€“Zn co-doped Co2Y ferrites. Journal of Alloys and Compounds, 2011, 509, 6659-6665.	5.5	5
106	Effect of Ba²⁺ Addition on Phase Separation and Oxygen Storage Capacity of Ce_{0.5}Zr_{0.5}O₂ Powder. Journal of the American Ceramic Society, 2011, 94, 895-901.	3.8	5
107	Interfacial Reaction Between Lowâ€Temperature Coâ€fired Ceramics and NiCuZn Ferrites in Multilayer Composites. International Journal of Applied Ceramic Technology, 2014, 11, 496-501.	2.1	5
108	Fully sintered alumina with a higher Vickers hardness prepared using a gelâ€casting process. International Journal of Applied Ceramic Technology, 2019, 16, 1493-1500.	2.1	5

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109	Microstructure evolution and electric properties with addition amounts of dysprosium (DyO1.5) in (BaCa)(TiZr)O3 ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 123, 69-73.	3.5	4
110	Starting Powder Crystal Phase Effects on Electrical Properties of TiO2-Based Varistor. Japanese Journal of Applied Physics, 2008, 47, 4626-4629.	1.5	4
111	Crystallization Behavior and Dielectric Properties of a New High Dielectric Constant Lowâ€Temperature Cofired Ceramics Material Based on Nd₂O₃â€“TiO₂â€“SiO₂ Glassâ€“Ceramics. Journal of the American Ceramic Society, 2010, 93, 1714-1717.	3.8	4
112	Phase Separation Phenomenon and Mechanism of <scp><scp>Ce</scp></scp>_{0.6}<scp><scp>Zr</scp></scp>_{0.4}<scp><scp>O</scp></scp>₂ Powders Prepared Using Chemical Coprecipitation Method. Journal of the American Ceramic Society, 2013, 96, 1629-1634.	3.8	4
113	Influence of Supercritical CO2 on the Mobility and Desorption of Trace Elements from CO2 Storage Rock Sandstone and Caprock Shale in a Potential CO2 Sequestration Site in Taiwan. Aerosol and Air Quality Research, 2016, 16, 1730-1741.	2.1	4
114	Micro-channel formation on NiCuZn ferrite green sheets prepared by hot embossing. Ceramics International, 2017, 43, 13853-13859.	4.8	4
115	Different ligand exchange solvents effect on the densification of CuIn 0.7 Ga 0.3 Se 2 prepared using the heating-up method. Applied Surface Science, 2017, 426, 1148-1157.	6.1	4
116	Effects of CuO content in the glass on the interfacial reaction for the NiCuZn ferritesâ€FeSiCr alloy composites. International Journal of Applied Glass Science, 2020, 11, 774-783.	2.0	4
117	Sintering temperature and atmosphere effects on electric and magnetic properties of multilayer FeSiCr alloy inductors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 275, 115523.	3.5	4
118	Power Molding Inductors Prepared Using Amorphous FeSiCrB Alloy Powder, Carbonyl Iron Powder, and Silicone Resin. Materials, 2022, 15, 3681.	2.9	4
119	Crystallization behavior and dielectric properties of BaOâ€“ZnOâ€“SrOâ€“CaOâ€“Nd2O3â€“TiO2â€“B2O3â€“SiO2 glassâ€“ceramics. Journal of Alloys and Compounds, 2010, 502, 387-391.	5.5	3
120	Glass Additive Influence on the Sintering Behaviors, Magnetic and Electric Properties of <scp><scp>Biâ€“Zn</scp></scp> Coâ€Ðoped <scp><scp>Co₂Y</scp></scp> Ferrites. International Journal of Applied Ceramic Technology, 2013, 10, 160-167.	2.1	3
121	Multilayer low temperature co-fired M-type barium hexaferrites and BaOÂ·(Nd1â^'xBix)2O3Â·4TiO2 dielectric ceramics. Ceramics International, 2015, 41, 12401-12406.	4.8	3
122	Gasâ€pressure assisted sintering of copper indium gallium selenide thin films. Journal of the American Ceramic Society, 2019, 102, 1548-1552.	3.8	3
123	Magnetic properties of FeSiCr alloy powder coils made by gel casting process. Journal of Materials Science: Materials in Electronics, 2021, 32, 14584-14591.	2.2	3
124	Crystallization of Lanthanum-Modified Lead Zirconate Titanate (PLZT) Using Coprecipitated Gels. Japanese Journal of Applied Physics, 1995, 34, 4137-4142.	1.5	2
125	Two-step sintering of nanocrystalline Cu(In0.7Ga0.3)Se2. Ceramics International, 2015, 41, 547-553.	4.8	2
126	Titanate coupling agent surface modification effect on the magnetic properties of iron-based alloy powder coil prepared using screen printing. Journal of Materials Science: Materials in Electronics, 2021, 32, 1800-1807.	2.2	2

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127	Magnetic Properties of Iron-Based Alloy Powder Coils Prepared with Screen Printing Using High-Solid-Content Magnetic Pastes. Journal of Electronic Materials, 2021, 50, 2331-2338.	2.2	2
128	Effects of glycerol addition on the slurry dispersion and mechanical properties of alumina ceramics prepared by gel-casting process. Ceramics International, 2021, 47, 20260-20267.	4.8	2
129	Effects of the sodium ions addition on the varistor properties of ZnOâ€“Co3O4â€“Pr6O11 ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 28935-28941.	2.2	2
130	Effects of ZnO-B2O3-SiO2Addition on the Microwave Dielectric Properties of Ba(Nd1-xBix)2Ti4O12Ceramics. Ferroelectrics, 2012, 435, 1-12.	0.6	1
131	Low Temperature Cofired Soft Ferrites for High Frequency Applications. Ferroelectrics, 2012, 435, 18-29.	0.6	1
132	Dense CIGS films obtained by blending submicronâ€sized particles with nanoparticle suspensions using a nonâ€vacuum process. International Journal of Applied Ceramic Technology, 2019, 16, 974-980.	2.1	1
133	Key Technology and Materials for the Development of DC-DC Converter Module. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2015, 2015, 000246-000257.	0.2	1
134	Fabrication, simulation, and characterization of planar inductors. Materials Today Communications, 2021, 29, 102929.	1.9	1
135	Effects of Liâ€“Bâ€“Siâ€“Caâ€“Mn glass addition on the densification, microstructure, and dielectric properties of (Ca,Sr)(Zr,Ti)O3 ceramics. Ceramics International, 2022, , .	4.8	1
136	Effect of SiO2 nanoparticle addition on growth of interfacial Ag3Sn intermetallic compound layers between lead-free solder and silver conductor. SN Applied Sciences, 2021, 3, 1.	2.9	0