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	Low dielectric loss ceramics in the Mg4Nb2O9-ZnAl2O4-TiO2 ternary system. Journal of the European Ceramic Society, 2022, 42, 448-452.	5.7	6
2	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
3	Fabrication of highâ€efficiency Yb:Y₂O₃ laser ceramics without photodarkening. Journal of the American Ceramic Society, 2022, 105, 3375-3381.	3.8	14
4	Power Molding Inductors Prepared Using Amorphous FeSiCrB Alloy Powder, Carbonyl Iron Powder, and Silicone Resin. Materials, 2022, 15, 3681.	2.9	4
5	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
6	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
7	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
8	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
9	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
10	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
11	Exploring the evolution of pores in HIPed Y2O3 transparent ceramics. Ceramics International, 2021, 47, 11637-11643.	4.8	8
12	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
13	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
14	Polycrystalline alumina ceramic fabrication using digital stereolithographic light process. Ceramics International, 2021, 47, 33815-33826.	4.8	12
15	Materials and electrode designs of high-performance NiCo2S4/Reduced graphene oxide for supercapacitors. Ceramics International, 2021, 47, 25942-25950.	4.8	40
16	Fabrication, simulation, and characterization of planar inductors. Materials Today Communications, 2021, 29, 102929.	1.9	1
17	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
18	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

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19	Progress in materials and processes of multilayer power inductors. Journal of Materials Science: Materials in Electronics, 2020, 31, 16089-16110.	2.2	22
20	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
21	Electromagnetic properties of FeSiCr alloy powders modified with amorphous SiO2. Journal of Magnetism and Magnetic Materials, 2020, 514, 167151.	2.3	23
22	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
23	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
24	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
25	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
26	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
27	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
28	Gasâ€pressure assisted sintering of copper indium gallium selenide thin films. Journal of the American Ceramic Society, 2019, 102, 1548-1552.	3.8	3
29	Relationship Between the Microstructure and Magnetic Properties of Feâ€“Siâ€“Cr Powder Cores. IEEE Transactions on Magnetics, 2018, 54, 1-7.	2.1	21
30	Silane surface modification effects on the electromagnetic properties of phosphatized iron-based SMCs. Applied Surface Science, 2018, 433, 133-138.	6.1	24
31	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
32	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
33	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
34	Interactions between silver inner electrode and Fe-Si-Cr alloy of metal multilayer chip inductors. AIP Advances, 2018, 8, 085006.	1.3	7
35	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
36	Thermal conductivity and dielectric properties of PEDOT:PSS-AlN filler reinforced water-soluble polymer composites. Ceramics International, 2017, 43, S710-S716.	4.8	9

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37	Micro-channel formation on NiCuZn ferrite green sheets prepared by hot embossing. Ceramics International, 2017, 43, 13853-13859.	4.8	4
38	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
39	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
40	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
41	Characterization of CuSbSe2 crystallites synthesized using a hot injection method. RSC Advances, 2016, 6, 99297-99305.	3.6	18
42	Leaching and re-synthesis of CIGS nanocrystallites from spent CIGS targets. Advanced Powder Technology, 2016, 27, 914-920.	4.1	12
43	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
44	Copper selenide crystallites synthesized using the hot-injection process. Advanced Powder Technology, 2016, 27, 959-963.	4.1	22
45	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
46	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
47	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
48	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
49	Silver end termination paste preparation for chip inductor applications. Journal of Alloys and Compounds, 2015, 650, 835-843.	5.5	7
50	Low-Pressure-Assisted Constrained Sintering of Low-Temperature-Fire NiCuZn Ferrites. International Journal of Applied Ceramic Technology, 2015, 12, E194-E201.	2.1	6
51	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
52	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
53	Cobalt-substitution effects on dielectric properties of CuZn ferrites. Ceramics International, 2015, 41, 4140-4144.	4.8	8
54	Two-step sintering of nanocrystalline Cu(In0.7Ga0.3)Se2. Ceramics International, 2015, 41, 547-553.	4.8	2

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55	Crystallite formation mechanism of CuIn(Se,S)2 synthesized using solvothermal method. Ceramics International, 2015, 41, 3208-3213.	4.8	8
56	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
57	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
58	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
59	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
60	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
61	<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
62	Glass Additive Influence on the Sintering Behaviors, Magnetic and Electric Properties of <scp><scp>Biâ€“Zn</scp></scp> Coâ€Doped <scp><scp>Co₂Y</scp></scp> Ferrites. International Journal of Applied Ceramic Technology, 2013, 10, 160-167.	2.1	3
63	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
64	Na2CO3 doping effect on ZnOâ€“Pr6O11â€“Co3O4 ceramic varistor properties. Journal of Alloys and Compounds, 2013, 558, 84-90.	5.5	22
65	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
66	Cuprous selenide nano-crystal synthesis and characterization. Materials Research Bulletin, 2013, 48, 715-720.	5.2	13
67	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
68	Effects of ZnO-B2O3-SiO2Addition on the Microwave Dielectric Properties of Ba(Nd1-xBix)2Ti4O12Ceramics. Ferroelectrics, 2012, 435, 1-12.	0.6	1
69	Low Temperature Cofired Soft Ferrites for High Frequency Applications. Ferroelectrics, 2012, 435, 18-29.	0.6	1
70	Low-temperature sintered CuIn0.7Ga0.3Se2 prepared by colloidal processing. Journal of the European Ceramic Society, 2012, 32, 3753-3757.	5.7	10
71	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
72	Low temperature firing of Co2Yâ€“NiCuZn ferrite composites. Ceramics International, 2012, 38, 4915-4921.	4.8	18

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	Solvoâ€Thermal Synthesis and Characterization of Indium Selenide Nanocrystals. Journal of the American Ceramic Society, 2011, 94, 3757-3760.	3.8	7
82	Diffusivity of silver ions in the low temperature co-fired ceramic (LTCC) substrates. Journal of Materials Science, 2011, 46, 4695-4700.	3.7	26
83	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
84	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
85	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
86	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
87	Iron oxide synthesis using a continuous hydrothermal and solvothermal system. Ceramics International, 2010, 36, 1131-1135.	4.8	36
88	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
89	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
90	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

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91	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
92	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
93	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
94	Low temperature sintering and dielectric properties of BaTiO3 with glass addition. Materials Chemistry and Physics, 2009, 113, 658-663.	4.0	42
95	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
96	Characterization of strontium aluminate phosphors prepared from milled SrCO3. Ceramics International, 2009, 35, 1027-1032.	4.8	6
97	Electrical properties of low-temperature-fired ferriteâ€“dielectric composites. Ceramics International, 2009, 35, 2035-2039.	4.8	22
98	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
99	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
100	Electrical properties of copper and titanium-codoped zinc ferrites. Journal of Alloys and Compounds, 2009, 472, 516-520.	5.5	14
101	Formation and growth of manganese phosphate passivation layers for NTC ceramics. Journal of Alloys and Compounds, 2009, 484, 723-728.	5.5	12
102	Boehmite coating on Î¸-Al2O3 particles via a solâ€“gel route. Ceramics International, 2008, 34, 337-343.	4.8	13
103	Effects of aging on nanocrystalline anatase-to-rutile phase transformation kinetics. Ceramics International, 2008, 34, 557-561.	4.8	46
104	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
105	Dielectric and Magnetic Properties of Lowâ€Temperatureâ€Fired Ferriteâ€“Dielectric Composites. Journal of the American Ceramic Society, 2008, 91, 2043-2046.	3.8	20
106	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
107	Formation mechanism of 3BaOÂ·2CoOÂ·12Fe2O3 powder synthesized using chemical coprecipitation. Journal of Alloys and Compounds, 2008, 453, 366-370.	5.5	7
108	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

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109	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
110	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
111	Starting Powder Crystal Phase Effects on Electrical Properties of TiO2-Based Varistor. Japanese Journal of Applied Physics, 2008, 47, 4626-4629.	1.5	4
112	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
113	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
114	Hexagonal ferrite powder synthesis using chemical coprecipitation. Materials Chemistry and Physics, 2007, 104, 1-4.	4.0	63
115	Preparation of superhydrophobic boehmite and anatase nanocomposite coating films. Materials Research Bulletin, 2007, 42, 420-427.	5.2	29
116	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
117	Titanate coupling agent effects on nonaqueous Co2Z ferrite suspensions dispersion. Journal of Materials Science, 2006, 41, 6339-6346.	3.7	12
118	Synthesis of 3BaOÂ·2CoOÂ·12Fe2O3 powder using chemical coprecipitation. Journal of Magnetism and Magnetic Materials, 2006, 307, 273-278.	2.3	8
119	Effects of aging on the kinetics of nanocrystalline anatase crystallite growth. Materials Chemistry and Physics, 2006, 95, 275-279.	4.0	16
120	Characteristics of yttria stabilized tetragonal zirconia powder used in optical fiber connector ferrule. Ceramics International, 2005, 31, 297-303.	4.8	16
121	Dispersion of nonaqueous Co2Z ferrite powders with titanate coupling agent and poly(vinyl butyral). Applied Surface Science, 2005, 245, 252-259.	6.1	28
122	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
123	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
124	Molten salt synthesis and magnetic properties of 3BaOÂ·2CoOÂ·12Fe2O3 powder. Journal of Magnetism and Magnetic Materials, 2004, 278, 218-222.	2.3	24
125	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
126	Interfacial reaction of TiO2/NiCuZn ferrites in multilayer composites. Journal of the European Ceramic Society, 2004, 24, 2015-2021.	5.7	36

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127	Effects of mechanical treatment on phase transformation and sintering of nano-sized Î³-Fe2O3 powder. Ceramics International, 2003, 29, 1-6.	4.8	31
128	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
129	Title is missing!. Journal of Materials Science, 2001, 36, 2081-2087.	3.7	21
130	Title is missing!. Journal of Materials Science, 2001, 36, 3809-3815.	3.7	82
131	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
132	Crystallization of Lanthanum-Modified Lead Zirconate Titanate (PLZT) Using Coprecipitated Gels. Japanese Journal of Applied Physics, 1995, 34, 4137-4142.	1.5	2
133	Effects of Porosity on Dielectric Properties of $f BaTiO_{3}$ Ceramics. Japanese Journal of Applied Physics, 1995, 34, 1922-1925.	1.5	28
134	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
135	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
136	Dielectric Properties and Ferroelectric Domain of BaTiO3Powders. Japanese Journal of Applied Physics, 1993, 32, 5029-5035.	1.5	27