

Hsing-I Hsiang

List of Publications by Year in descending order

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136
papers

2,446
citations

218381

26
h-index

288905

40
g-index

139
all docs

139
docs citations

139
times ranked

2362
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Crystallite Size on the Ferroelectric Domain Growth of Ultrafine BaTiO ₃ Powders. Journal of the American Ceramic Society, 1996, 79, 1053-1060.	1.9	154
2	Sintering behavior and dielectric properties of BaTiO ₃ ceramics with glass addition for internal capacitor of LTCC. Journal of Alloys and Compounds, 2008, 459, 307-310.	2.8	102
3	Cubic to Tetragonal Phase Transformation of Ultrafine BaTiO ₃ Crystallites at Room Temperature. Japanese Journal of Applied Physics, 1995, 34, 6149-6155.	0.8	91
4	Title is missing!. Journal of Materials Science, 2001, 36, 3809-3815.	1.7	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.	1.0	64
6	Hexagonal ferrite powder synthesis using chemical coprecipitation. Materials Chemistry and Physics, 2007, 104, 1-4.	2.0	63
7	Effect of Copper-Rich Secondary Phase at the Grain Boundaries on the Varistor Properties of CaCu ₃ Ti ₄ O ₁₂ Ceramics. Journal of the American Ceramic Society, 2008, 91, 3735-3737.	1.9	57
8	Characterizations of Eu, Dy co-doped SrAl ₂ O ₄ phosphors prepared by the solid-state reaction with B ₂ O ₃ addition. Journal of Alloys and Compounds, 2008, 461, 598-603.	2.8	51
9	Microwave dielectric properties of Ca _{0.7} Nd _{0.2} TiO ₃ ceramic-filled CaO-B ₂ O ₃ -SiO ₂ glass for LTCC applications. Journal of Advanced Ceramics, 2019, 8, 345-351.	8.9	49
10	Effects of aging on nanocrystalline anatase-to-rutile phase transformation kinetics. Ceramics International, 2008, 34, 557-561.	2.3	46
11	Effects of aging on the phase transformation and sintering properties of TiO ₂ gels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 380, 67-72.	2.6	43
12	Low temperature sintering and dielectric properties of BaTiO ₃ with glass addition. Materials Chemistry and Physics, 2009, 113, 658-663.	2.0	42
13	Materials and electrode designs of high-performance NiCo ₂ S ₄ /Reduced graphene oxide for supercapacitors. Ceramics International, 2021, 47, 25942-25950.	2.3	40
14	Interfacial reaction of TiO ₂ /NiCuZn ferrites in multilayer composites. Journal of the European Ceramic Society, 2004, 24, 2015-2021.	2.8	36
15	Iron oxide synthesis using a continuous hydrothermal and solvothermal system. Ceramics International, 2010, 36, 1131-1135.	2.3	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.	1.0	36
17	Effects of mechanical treatment on phase transformation and sintering of nano-sized $\hat{\Gamma}$ -Fe ₂ O ₃ powder. Ceramics International, 2003, 29, 1-6.	2.3	31
18	Crystallization, densification and dielectric properties of CaO-MgO-Al ₂ O ₃ -SiO ₂ glass with ZrO ₂ as nucleating agent. Materials Research Bulletin, 2014, 60, 730-737.	2.7	30

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19	Preparation of superhydrophobic boehmite and anatase nanocomposite coating films. <i>Materials Research Bulletin</i> , 2007, 42, 420-427.	2.7	29
20	Formation Mechanisms of $\text{Cu}(\text{In}_{0.7}\text{Ga}_{0.3})\text{Se}_2$ Nanocrystallites Synthesized Using Hot-Injection and Heating-Up Processes. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3030-3034.	1.9	29
21	Effects of Porosity on Dielectric Properties of BaTiO_3 Ceramics. <i>Japanese Journal of Applied Physics</i> , 1995, 34, 1922-1925.	0.8	28
22	Dispersion of nonaqueous Co_2Z ferrite powders with titanate coupling agent and poly(vinyl butyral). <i>Applied Surface Science</i> , 2005, 245, 252-259.	3.1	28
23	Minor yttrium nitrate addition effect on FeSiCr alloy powder core electromagnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 444, 1-6.	1.0	28
24	Dielectric Properties and Ferroelectric Domain of BaTiO_3 Powders. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 5029-5035.	0.8	27
25	Synthesis and characterization of $\text{Al}_2\text{O}_3\text{-Ce}_{0.5}\text{Zr}_{0.5}\text{O}_2$ powders prepared by chemical coprecipitation method. <i>Journal of Alloys and Compounds</i> , 2009, 470, 387-392.	2.8	27
26	Effects of titanate coupling agent on the dielectric properties of NiZn ferrite powders-epoxy resin coatings. <i>Ceramics International</i> , 2011, 37, 2347-2352.	2.3	27
27	$\text{Bi}_{2}\text{O}_{3}$ Addition Effects on the Sintering Mechanism, Magnetic Properties, and DC Superposition Behavior of NiCuZn Ferrites. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 1008-1015.	1.1	27
28	Dielectric Properties and Microstructure of Nb-Co Codoped BaTiO_3 ($\text{Bi}_{0.5}\text{Na}_{0.5}$) TiO_3 Ceramics. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2768-2771.	1.9	26
29	Influence of glass additives on the sintering behavior and dielectric properties of $\text{BaO} \cdot (\text{Nd}_{0.8}\text{Bi}_{0.2})_2\text{O}_3 \cdot 4\text{TiO}_2$ ceramics. <i>Journal of Alloys and Compounds</i> , 2009, 467, 485-490.	2.8	26
30	Diffusivity of silver ions in the low temperature co-fired ceramic (LTCC) substrates. <i>Journal of Materials Science</i> , 2011, 46, 4695-4700.	1.7	26
31	Molten salt synthesis and magnetic properties of $3\text{BaO} \cdot 2\text{CoO} \cdot 12\text{Fe}_2\text{O}_3$ powder. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 278, 218-222.	1.0	24
32	Silane surface modification effects on the electromagnetic properties of phosphatized iron-based SMCs. <i>Applied Surface Science</i> , 2018, 433, 133-138.	3.1	24
33	Rapid synthesis and characterization of nearly dispersed marcasite CuSe_2 and berzelianite Cu_2Se crystallites using the chemical reduction process. <i>Materials Research Bulletin</i> , 2018, 97, 30-36.	2.7	24
34	Effects of the addition of alumina on the crystallization, densification and dielectric properties of $\text{CaO} \cdot \text{MgO} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ glass in the presence of ZrO_2 . <i>Ceramics International</i> , 2014, 40, 15807-15813.	2.3	23
35	Electromagnetic properties of FeSiCr alloy powders modified with amorphous SiO_2 . <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167151.	1.0	23
36	Phase Evolution During Formation of SrAl_2O_4 from SrCO_3 and $\text{Al}_2\text{O}_3/\text{AlOOH}$. <i>Journal of the American Ceramic Society</i> , 2007, 90, 2759-2765.	1.9	22

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37	Electrical properties of low-temperature-fired ferrite dielectric composites. <i>Ceramics International</i> , 2009, 35, 2035-2039.	2.3	22
38	Na ₂ CO ₃ doping effect on ZnO/Pr ₆ O ₁₁ /Co ₃ O ₄ ceramic varistor properties. <i>Journal of Alloys and Compounds</i> , 2013, 558, 84-90.	2.8	22
39	Copper selenide crystallites synthesized using the hot-injection process. <i>Advanced Powder Technology</i> , 2016, 27, 959-963.	2.0	22
40	Sintering and cooling atmosphere effects on the microstructure, magnetic properties and DC superposition behavior of NiCuZn ferrites. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2123-2128.	2.8	22
41	Progress in materials and processes of multilayer power inductors. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 16089-16110.	1.1	22
42	Title is missing!. <i>Journal of Materials Science</i> , 2001, 36, 2081-2087.	1.7	21
43	Relationship Between the Microstructure and Magnetic Properties of Fe/Si/Cr Powder Cores. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-7.	1.2	21
44	Effects of glass additions on 3Ba _{0.5} Sr _{0.5} O·2CoO·12Fe ₂ O ₃ for high-frequency applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 268, 186-193.	1.0	20
45	Dielectric and Magnetic Properties of Low-Temperature-Fired Ferrite Dielectric Composites. <i>Journal of the American Ceramic Society</i> , 2008, 91, 2043-2046.	1.9	20
46	Investigation and Design of High-Loading Sulfur Cathodes with a High-Performance Polysulfide Adsorbent for Electrochemically Stable Lithium Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9254-9264.	3.2	20
47	CuInSe ₂ nano-crystallite reaction kinetics using solid state reaction from Cu ₂ Se and In ₂ Se ₃ powders. <i>Journal of Alloys and Compounds</i> , 2011, 509, 6950-6954.	2.8	18
48	Low temperature firing of Co ₂ Y/NiCuZn ferrite composites. <i>Ceramics International</i> , 2012, 38, 4915-4921.	2.3	18
49	Characterization of CuSbSe ₂ crystallites synthesized using a hot injection method. <i>RSC Advances</i> , 2016, 6, 99297-99305.	1.7	18
50	Characteristics of yttria stabilized tetragonal zirconia powder used in optical fiber connector ferrule. <i>Ceramics International</i> , 2005, 31, 297-303.	2.3	16
51	Effects of aging on the kinetics of nanocrystalline anatase crystallite growth. <i>Materials Chemistry and Physics</i> , 2006, 95, 275-279.	2.0	16
52	Thermal, chemical, optical properties and structure of Er ³⁺ -doped and Er ³⁺ /Yb ³⁺ -codoped P ₂ O ₅ /Al ₂ O ₃ /ZnO glasses. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 1328-1334.	1.5	15
53	Silane effects on the surface morphology and abrasion resistance of transparent SiO ₂ /UV-curable resin nano-composites. <i>Applied Surface Science</i> , 2011, 257, 3451-3454.	3.1	15
54	Effects of Glass Addition on Magnetic Properties of 3Ba _{0.5} Sr _{0.5} O·2CoO·12Fe ₂ O ₃ for Multilayer Chip Inductors. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 5137-5141.	0.8	14

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55	Electrical properties of copper and titanium-codoped zinc ferrites. Journal of Alloys and Compounds, 2009, 472, 516-520.	2.8	14
56	Fabrication of high-efficiency Yb:Y ₂ O ₃ laser ceramics without photodarkening. Journal of the American Ceramic Society, 2022, 105, 3375-3381.	1.9	14
57	Boehmite coating on γ -Al ₂ O ₃ particles via a sol-gel route. Ceramics International, 2008, 34, 337-343.	2.3	13
58	Effects of B ₂ O ₃ addition on the microstructure and microwave dielectric properties of La ₄ Ba ₂ Ti ₅ O ₁₈ . Journal of Alloys and Compounds, 2008, 465, 356-360.	2.8	13
59	Silane functional effects on the rheology and abrasion resistance of transparent SiO ₂ /UV-curable resin nano-composites. Materials Chemistry and Physics, 2010, 120, 476-479.	2.0	13
60	Electrical properties of low temperature sintered copper and titanium-codoped copper zinc ferrites. Journal of Alloys and Compounds, 2010, 502, 163-168.	2.8	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 BaO-ZnO-SrO-CaO-Nd ₂ O ₃ -TiO ₂ -B ₂ O ₃ -SiO ₂ glass-ceramics. Ceramics International, 2011, 37, 2453-2458.	3.3	13
63	Cuprous selenide nano-crystal synthesis and characterization. Materials Research Bulletin, 2013, 48, 715-720.	2.7	13
64	Pre-reaction temperature effect on S-H colloidal properties and xonotlite formation via steam assisted crystallization. Materials and Structures/Materiaux Et Constructions, 2016, 49, 905-915.	1.3	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.	1.3	13
66	Titanate coupling agent effects on nonaqueous Co ₂ Z ferrite suspensions dispersion. Journal of Materials Science, 2006, 41, 6339-6346.	1.7	12
67	Formation and growth of manganese phosphate passivation layers for NTC ceramics. Journal of Alloys and Compounds, 2009, 484, 723-728.	2.8	12
68	Crystalline phases and magnetic properties of Cu-Bi-Zn co-doped Co ₂ Z ferrites. Journal of Alloys and Compounds, 2011, 509, 3343-3346.	2.8	12
69	Polyethyleneimine surfactant effect on the formation of nano-sized BaTiO ₃ powder via a solid state reaction. Journal of Alloys and Compounds, 2011, 509, 7632-7638.	2.8	12
70	Leaching and re-synthesis of CIGS nanocrystallites from spent CIGS targets. Advanced Powder Technology, 2016, 27, 914-920.	2.0	12
71	Ag precipitation at the free interface of multilayer NiCuZn ferrites/LTCC components. Journal of the European Ceramic Society, 2016, 36, 1191-1195.	2.8	12
72	Polycrystalline alumina ceramic fabrication using digital stereolithographic light process. Ceramics International, 2021, 47, 33815-33826.	2.3	12

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73	Controlling morphology and crystallite size of Cu(In _{0.7} Ga _{0.3})Se ₂ nano-crystals synthesized using a heating-up method. Journal of Solid State Chemistry, 2013, 208, 1-8.	1.4	11
74	Varistor and Magnetic Properties of Nickel Copper Zinc Niobium Ferrite Doped with Bi ₂ O ₃ . Journal of the American Ceramic Society, 2014, 97, 3918-3925.	1.9	11
75	Addition of a minor amount of Co ₂ Y effects on the microstructure, magnetic properties and DC-bias superposition characteristics of low-fire NiCuZn ferrites. Materials Chemistry and Physics, 2015, 151, 295-300.	2.0	11
76	AgCrO ₂ formation mechanism during silver inner electrode and FeSiCr alloy powder co-firing in metal multilayer chip power inductors. Journal of Materials Science: Materials in Electronics, 2019, 30, 8080-8088.	1.1	11
77	Glass additive influence on the sintering behavior, microstructure and microwave magnetic properties of CuBiZn co-doped Co ₂ Z ferrites. Journal of Magnetism and Magnetic Materials, 2011, 323, 1011-1014.	1.0	10
78	Low-temperature sintered CuIn _{0.7} Ga _{0.3} Se ₂ prepared by colloidal processing. Journal of the European Ceramic Society, 2012, 32, 3753-3757.	2.8	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.	1.0	10
80	Structure, crystallization, and dielectric properties of the Al ₂ O ₃ filled CaB ₂ O ₃ SiO ₂ Al ₂ O ₃ glass composites for LTCC applications. Japanese Journal of Applied Physics, 2019, 58, 091010.	0.8	10
81	Effects of Uniaxial Compaction Pressure on the Dielectric Properties of BaTiO ₃ /Polyvinylidene Fluoride Composites. Japanese Journal of Applied Physics, 1994, 33, 3991-3995.	0.8	9
82	Cooling rate effects on the electrical properties of TiO ₂ -based varistor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 128, 25-29.	1.7	9
83	Phase evolution and thermal behaviors of the solid-state reaction between SrCO ₃ and Al ₂ O ₃ to form SrAl ₂ O ₄ under air and CO ₂ -air atmospheres. Ceramics International, 2012, 38, 2269-2276.	2.3	9
84	Thermal conductivity and dielectric properties of PEDOT:PSS-AlN filler reinforced water-soluble polymer composites. Ceramics International, 2017, 43, S710-S716.	2.3	9
85	Synthesis of 3BaO·2CoO·12Fe ₂ O ₃ powder using chemical coprecipitation. Journal of Magnetism and Magnetic Materials, 2006, 307, 273-278.	1.0	8
86	Phase evolution and reduction behavior of Ce _{0.6} Zr _{0.4} O ₂ powders prepared using the chemical co-precipitation method. Ceramics International, 2013, 39, 1717-1722.	2.3	8
87	Formation from CuSe and In ₂ Se ₃ and Cu ₂ Se and In ₂ Se ₃ Powders: Reaction Kinetics and Mechanisms. Journal of the American Ceramic Society, 2014, 97, 2439-2446.	1.9	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.	1.1	8
89	Cobalt-substitution effects on dielectric properties of CuZn ferrites. Ceramics International, 2015, 41, 4140-4144.	2.3	8
90	Crystallite formation mechanism of CuIn ₂ (Se,S) ₂ synthesized using solvothermal method. Ceramics International, 2015, 41, 3208-3213.	2.3	8

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91	Effects of selenization process on densification and microstructure of Cu(In,Ga)Se ₂ thin film prepared by doctor blading of CIGS nanoparticles. <i>Ceramics International</i> , 2018, 44, 20508-20513.	2.3	8
92	Exploring the evolution of pores in HIPed Y ₂ O ₃ transparent ceramics. <i>Ceramics International</i> , 2021, 47, 11637-11643.	2.3	8
93	Formation mechanism of 3BaO·2CoO·12Fe ₂ O ₃ powder synthesized using chemical coprecipitation. <i>Journal of Alloys and Compounds</i> , 2008, 453, 366-370.	2.8	7
94	Synthesis of Sr ₂ SiO ₄ nanometer particles from the core-shell precursor of SrCO ₃ /SiO ₂ . <i>Journal of Alloys and Compounds</i> , 2010, 500, 108-112.	2.8	7
95	Solvo-thermal Synthesis and Characterization of Indium Selenide Nanocrystals. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3757-3760.	1.9	7
96	Silver end termination paste preparation for chip inductor applications. <i>Journal of Alloys and Compounds</i> , 2015, 650, 835-843.	2.8	7
97	Interactions between silver inner electrode and Fe-Si-Cr alloy of metal multilayer chip inductors. <i>AIP Advances</i> , 2018, 8, 085006.	0.6	7
98	Bulk Concentration Effects on the Structure and Orientation of Adsorbed Silane on the Surface of Nanosized SiO ₂ Particles. <i>Journal of the American Ceramic Society</i> , 2008, 91, 387-390.	1.9	6
99	Characterization of strontium aluminate phosphors prepared from milled SrCO ₃ . <i>Ceramics International</i> , 2009, 35, 1027-1032.	2.3	6
100	Ti ⁴⁺ addition effect on γ -Al ₂ O ₃ flakes synthesis using a mixture of boehmite and potassium sulfate. <i>Ceramics International</i> , 2010, 36, 1467-1472.	2.3	6
101	Low-Pressure-Assisted Constrained Sintering of Low-Temperature-Fire NiCuZn Ferrites. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, E194-E201.	1.1	6
102	Low dielectric loss ceramics in the Mg ₄ Nb ₂ O ₉ -ZnAl ₂ O ₄ -TiO ₂ ternary system. <i>Journal of the European Ceramic Society</i> , 2022, 42, 448-452.	2.8	6
103	Effects of Sr(Co, Nb, Ta) ₃ addition on the defect structures and electrical properties of ZnO-based varistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9644-9654.	2.7	6
104	Synthesis of γ -Alumina Hexagonal Platelets Using a Mixture of Boehmite and Potassium Sulfate. <i>Journal of the American Ceramic Society</i> , 2007, 90, 4070-4072.	1.9	5
105	Sintering behaviors, magnetic and electric properties of Bi-Zn co-doped Co ₂ Y ferrites. <i>Journal of Alloys and Compounds</i> , 2011, 509, 6659-6665.	2.8	5
106	Effect of Ba ²⁺ Addition on Phase Separation and Oxygen Storage Capacity of Ce _{0.5} Zr _{0.5} O ₂ Powder. <i>Journal of the American Ceramic Society</i> , 2011, 94, 895-901.	1.9	5
107	Interfacial Reaction Between Low-Temperature Co-fired Ceramics and NiCuZn Ferrites in Multilayer Composites. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 496-501.	1.1	5
108	Fully sintered alumina with a higher Vickers hardness prepared using a gel-casting process. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1493-1500.	1.1	5

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109	Microstructure evolution and electric properties with addition amounts of dysprosium (DyO _{1.5}) in (BaCa)(TiZr)O ₃ ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 123, 69-73.	1.7	4
110	Starting Powder Crystal Phase Effects on Electrical Properties of TiO ₂ -Based Varistor. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 4626-4629.	0.8	4
111	Crystallization Behavior and Dielectric Properties of a New High Dielectric Constant Low-Temperature Cofired Ceramics Material Based on Nd ₂ O ₃ -TiO ₂ -SiO ₂ Glass-Ceramics. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1714-1717.	1.9	4
112	Phase Separation Phenomenon and Mechanism of Ce _{0.6} Zr _{0.4} O ₂ Powders Prepared Using Chemical Coprecipitation Method. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1629-1634.	1.9	4
113	Influence of Supercritical CO ₂ on the Mobility and Desorption of Trace Elements from CO ₂ Storage Rock Sandstone and Caprock Shale in a Potential CO ₂ Sequestration Site in Taiwan. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1730-1741.	0.9	4
114	Micro-channel formation on NiCuZn ferrite green sheets prepared by hot embossing. <i>Ceramics International</i> , 2017, 43, 13853-13859.	2.3	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. <i>Applied Surface Science</i> , 2017, 426, 1148-1157.	3.1	4
116	Effects of CuO content in the glass on the interfacial reaction for the NiCuZn ferrites-FeSiCr alloy composites. <i>International Journal of Applied Glass Science</i> , 2020, 11, 774-783.	1.0	4
117	Sintering temperature and atmosphere effects on electric and magnetic properties of multilayer FeSiCr alloy inductors. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 275, 115523.	1.7	4
118	Power Molding Inductors Prepared Using Amorphous FeSiCrB Alloy Powder, Carbonyl Iron Powder, and Silicone Resin. <i>Materials</i> , 2022, 15, 3681.	1.3	4
119	Crystallization behavior and dielectric properties of BaO-ZnO-SrO-CaO-Nd ₂ O ₃ -TiO ₂ -B ₂ O ₃ -SiO ₂ glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2010, 502, 387-391.	2.8	3
120	Glass Additive Influence on the Sintering Behaviors, Magnetic and Electric Properties of Bi-Zn-Co Doped Co ₂ Y Ferrites. <i>International Journal of Applied Ceramic Technology</i> , 2013, 10, 160-167.	1.1	3
121	Multilayer low temperature co-fired M-type barium hexaferrites and BaO-(Nd _{1-x} Bi _x) ₂ O ₃ -4TiO ₂ dielectric ceramics. <i>Ceramics International</i> , 2015, 41, 12401-12406.	2.3	3
122	Gas-pressure assisted sintering of copper indium gallium selenide thin films. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1548-1552.	1.9	3
123	Magnetic properties of FeSiCr alloy powder coils made by gel casting process. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14584-14591.	1.1	3
124	Crystallization of Lanthanum-Modified Lead Zirconate Titanate (PLZT) Using Coprecipitated Gels. <i>Japanese Journal of Applied Physics</i> , 1995, 34, 4137-4142.	0.8	2
125	Two-step sintering of nanocrystalline Cu(In _{0.7} Ga _{0.3})Se ₂ . <i>Ceramics International</i> , 2015, 41, 547-553.	2.3	2
126	Titanate coupling agent surface modification effect on the magnetic properties of iron-based alloy powder coil prepared using screen printing. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1800-1807.	1.1	2

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127	Magnetic Properties of Iron-Based Alloy Powder Coils Prepared with Screen Printing Using High-Solid-Content Magnetic Pastes. <i>Journal of Electronic Materials</i> , 2021, 50, 2331-2338.	1.0	2
128	Effects of glycerol addition on the slurry dispersion and mechanical properties of alumina ceramics prepared by gel-casting process. <i>Ceramics International</i> , 2021, 47, 20260-20267.	2.3	2
129	Effects of the sodium ions addition on the varistor properties of ZnO-Co ₃ O ₄ -Pr ₆ O ₁₁ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 28935-28941.	1.1	2
130	Effects of ZnO-B ₂ O ₃ -SiO ₂ Addition on the Microwave Dielectric Properties of Ba(Nd _{1-x} Bix) ₂ Ti ₄ O ₁₂ Ceramics. <i>Ferroelectrics</i> , 2012, 435, 1-12.	0.3	1
131	Low Temperature Cofired Soft Ferrites for High Frequency Applications. <i>Ferroelectrics</i> , 2012, 435, 18-29.	0.3	1
132	Dense CIGS films obtained by blending submicron-sized particles with nanoparticle suspensions using a non-vacuum process. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 974-980.	1.1	1
133	Key Technology and Materials for the Development of DC-DC Converter Module. <i>Additional Conferences (Device Packaging HiTEC HiTEN & CICMT)</i> , 2015, 2015, 000246-000257.	0.2	1
134	Fabrication, simulation, and characterization of planar inductors. <i>Materials Today Communications</i> , 2021, 29, 102929.	0.9	1
135	Effects of Li-Ba-Si-Ca-Mn glass addition on the densification, microstructure, and dielectric properties of (Ca,Sr)(Zr,Ti)O ₃ ceramics. <i>Ceramics International</i> , 2022, , .	2.3	1
136	Effect of SiO ₂ nanoparticle addition on growth of interfacial Ag ₃ Sn intermetallic compound layers between lead-free solder and silver conductor. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	0