

Joon-Hyung Lee

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161
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ext. citations

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L-index

#	Paper	IF	Citations
147	Effects of ambient atmosphere on the transfer characteristics and gate-bias stress stability of amorphous indium-gallium-zinc oxide thin-film transistors. <i>Applied Physics Letters</i> , 2010 , 96, 102107	3.4	114
146	Transparent amorphous indium zinc oxide thin-film transistors fabricated at room temperature. <i>Applied Physics Letters</i> , 2007 , 90, 022106	3.4	109
145	Fabrication of p-channel thin-film transistors using CuO active layers deposited at low temperature. <i>Applied Physics Letters</i> , 2010 , 97, 222109	3.4	89
144	Effects of BaTiO ₃ on dielectric behavior of BaTiO ₃ /poly(methyl methacrylate) composites. <i>Applied Physics Letters</i> , 2006 , 89, 132910	3.4	66
143	Rapid rate sintering of nanocrystalline indium tin oxide ceramics: particle size effect. <i>Materials Letters</i> , 2002 , 52, 114-119	3.3	59
142	Electrical, electromechanical and structural studies of lead potassium samarium niobate ceramics. <i>Journal of Alloys and Compounds</i> , 2008 , 464, 497-507	5.7	58
141	Effect of synthesis conditions on the properties of LiFePO ₄ for secondary lithium batteries. <i>Journal of Power Sources</i> , 2006 , 159, 237-240	8.9	56
140	Preparation and sintering of nanocrystalline ITO powders with different SnO ₂ content. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 73-80	6	55
139	Effect of Bi ₂ O ₃ content on sintering and crystallization behavior of low-temperature firing Bi ₂ O ₃ -B ₂ O ₃ -Bi ₂ O glasses. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 819-824	6	48
138	Structure and NH ₃ sensing properties of SnO thin film deposited by RF magnetron sputtering. <i>Sensors and Actuators B: Chemical</i> , 2014 , 194, 134-141	8.5	45
137	Folate ligand anchored liquid crystal microdroplets emulsion for in vitro detection of KB cancer cells. <i>Langmuir</i> , 2014 , 30, 10668-77	4	43
136	Effect of Phase Transformation on the Densification of Coprecipitated Nanocrystalline Indium Tin Oxide Powders. <i>Journal of the American Ceramic Society</i> , 2002 , 85, 2083-2088	3.8	41
135	Effects of oxygen partial pressure on the preferential orientation and surface morphology of ITO films grown by RF magnetron sputtering. <i>Journal of Electroceramics</i> , 2009 , 23, 169-174	1.5	40
134	Crystallization of indium tin oxide thin films prepared by RF-magnetron sputtering without external heating. <i>Thin Solid Films</i> , 2005 , 474, 127-132	2.2	40
133	Dielectric and pyroelectric properties of BSNN ceramics: effect of Ba/Sr ratio and La ₂ O ₃ addition. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003 , 98, 279-285	3.1	38
132	Crystal structures, electrical conductivities and electrochemical properties of LiCo _{1-x} MgxO ₂ (0 ≤ x ≤ 1.1). <i>Journal of Power Sources</i> , 2006 , 159, 233-236	8.9	35
131	Effect of BaO content on the sintering and physical properties of BaO-B ₂ O ₃ -Bi ₂ O glasses. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 821-826	3.9	35

130	Site Occupancy and Dielectric Characteristics of Strontium Barium Niobate Ceramics: Sr/Ba Ratio Dependence. <i>Japanese Journal of Applied Physics</i> , 2002 , 41, 7042-7047	1.4	33
129	Valence Change of Mn Ions in BaTiO ₃ -Based PTCR Materials. <i>Journal of the American Ceramic Society</i> , 1995 , 78, 2845-2848	3.8	32
128	Biosensor utilizing a liquid crystal/water interface functionalized with poly(4-cyanobiphenyl-4-oxoundecylacrylate-b-((2-dimethyl amino) ethyl methacrylate)). <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 121, 400-8	6	30
127	Phase development and crystallization of CuAlO ₂ thin films prepared by pulsed laser deposition. <i>Journal of the European Ceramic Society</i> , 2010 , 30, 509-512	6	29
126	Characterization of the low temperature firing Ba _{0.8} B ₂ O ₃ SiO ₂ glass: The effect of BaO content. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 825-829	6	29
125	High-Voltage, Room-Temperature Liquid Metal Flow Battery Enabled by Na-K/K- γ -Alumina Stability. <i>Joule</i> , 2018 , 2, 1287-1296	27.8	27
124	Microstructure evolution and dielectric properties of Ba _{5-x} Na _{2x} Nb ₁₀ O ₃₀ ceramics with different Ba/Na Ratios. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 18-23	2.6	27
123	Pyrochlore \rightarrow perovskite phase transformation in highly homogeneous (Pb,La)(Zr,Sn,Ti)O ₃ powders. <i>Journal of Materials Chemistry</i> , 1999 , 9, 3107-3111		27
122	H ₂ S-sensing properties of Cu ₂ O submicron-sized rods and trees synthesized by radio-frequency magnetron sputtering. <i>Sensors and Actuators B: Chemical</i> , 2014 , 202, 330-338	8.5	26
121	Dielectric loss anomaly in Ba(Fe _{1/2} Ta _{1/2})O ₃ ceramics. <i>Materials Letters</i> , 2002 , 56, 334-338	3.3	26
120	Effects of channel dimensions on performance of a-InGaZnO ₄ thin-film transistors. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 021203	1.3	25
119	Effects of Zn content on structural and transparent conducting properties of indium-zinc oxide films grown by rf magnetron sputtering. <i>Journal of Vacuum Science & Technology B</i> , 2006 , 24, 2737		24
118	Densification of nanocrystalline ITO powders in fast firing: effect of specimen mass and sintering atmosphere. <i>Materials Research Bulletin</i> , 2005 , 40, 395-404	5.1	24
117	Effect of ZnO addition in In ₂ O ₃ ceramics: defect chemistry and sintering behavior. <i>Solid State Ionics</i> , 2004 , 172, 431-434	3.3	23
116	Sintering behavior of Y-doped ZrO ₂ ceramics: the effect of Al ₂ O ₃ and Nb ₂ O ₅ addition. <i>Solid State Ionics</i> , 2004 , 172, 413-416	3.3	22
115	Synthesis, electrical and electromechanical properties of a tungsten-bronze ceramic oxide: Pb _{0.68} K _{0.64} Nb ₂ O ₆ . <i>Physica B: Condensed Matter</i> , 2008 , 403, 2079-2087	2.8	21
114	Real-time liquid crystal-based biosensor for urea detection. <i>Analytical Methods</i> , 2014 , 6, 5753-5759	3.2	20
113	Precipitate concentration of Co ₂ SnO ₄ in CoO-doped SnO ₂ ceramics at different oxygen chemical potentials. <i>Solid State Ionics</i> , 2001 , 144, 321-327	3.3	20

112	Dielectric loss anomaly of BaBiO ₃ . <i>Journal of Applied Physics</i> , 1999 , 86, 6351-6354	2.5	20
111	Effect of oxygen pressure on the p-type conductivity of Ga, P co-doped ZnO thin film grown by pulsed laser deposition. <i>Ceramics International</i> , 2016 , 42, 4136-4142	5.1	19
110	Synthesis and Electrical Characterization of the Polymorphic Indium Tin Oxide Nanocrystalline Powders. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 3431-3436	3.8	19
109	Broadband pH-Sensing Organic Transistors with Polymeric Sensing Layers Featuring Liquid Crystal Microdomains Encapsulated by Di-Block Copolymer Chains. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23862-7	9.5	18
108	Transfer characteristics and bias-stress stability of amorphous indium zinc oxide thin-film transistors. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 622		17
107	Effect of borate glass additives on the sintering behaviour and dielectric properties of BaTi ₄ O ₉ ceramics. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 2135-2138	6	17
106	Reaction-sintering behavior of nanocrystalline indium tin oxide with varying SnO ₂ content and particle size. <i>Scripta Materialia</i> , 2007 , 56, 293-296	5.6	16
105	Phase development procedure of In ₂ O ₃ (ZnO) ₃ ceramics and its sintering behavior. <i>Solid State Ionics</i> , 2004 , 172, 425-429	3.3	16
104	Effect of Ni doping on the structural, electrical, and optical properties of transparent CuCrO ₂ films grown using pulsed laser deposition. <i>Ceramics International</i> , 2018 , 44, 17743-17748	5.1	15
103	Dry etching of zinc-oxide and indium-zinc-oxide in IBr and B13 plasma chemistries. <i>Applied Surface Science</i> , 2007 , 253, 3773-3778	6.7	14
102	Pressure-Induced Pyrochlore-Perovskite Phase Transformation in PLZST Ceramics 2001 , 6, 7-12		14
101	Liquid crystal-based biosensors using a strong polyelectrolyte-containing block copolymer, poly(4-cyanobiphenyl-4'-oxyundecylacrylate)-b-poly(sodium styrene sulfonate). <i>Macromolecular Research</i> , 2014 , 22, 888-894	1.9	13
100	Microstructure and dielectric characteristics of tungsten bronze structured SBN70 ceramics: effect of Nb ₂ O ₅ content. <i>Journal of the European Ceramic Society</i> , 2002 , 22, 2107-2113	6	13
99	Growth and NO-Sensing Properties of Biaxial p-SnO/n-ZnO Heterostructured Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34274-34282	9.5	12
98	Growth of CuInO ₂ thin film using highly dense Cu ₂ O/In ₂ O ₃ composite targets. <i>Thin Solid Films</i> , 2009 , 518, 1234-1237	2.2	12
97	Structural properties of the epitaxial CuCr _{0.95} Mg _{0.05} O ₂ thin films on c-plane sapphire substrates by pulsed laser deposition. <i>Journal of Crystal Growth</i> , 2011 , 326, 9-13	1.6	12
96	Effect of structure change on thermal and dielectric characteristics in low-temperature firing Bi ₂ O ₃ B ₂ O ₃ ZnO glasses. <i>Journal of Materials Science</i> , 2007 , 42, 4260-4264	4.3	12
95	High-density plasma etching of indium/zinc oxide films in Ar/Cl ₂ and Ar/CH ₄ /H ₂ chemistries. <i>Applied Surface Science</i> , 2006 , 253, 2752-2757	6.7	12

94	Sintering behavior and microwave dielectric characteristics of Ba _{0.8} M ₂ O ₃ ∓TiO ₂ ceramics with B ₂ O ₃ and BaB ₂ O ₄ addition. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 2129-2133	6	12
93	Effect of sintering atmosphere on densification and dielectric characteristics in Sr _{0.5} Ba _{0.5} Nb ₂ O ₆ ceramics. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 1031-1035	6	12
92	Effect of a ZnO buffer layer on structural and electrical properties of ZnO:Al,P thin films grown by RF magnetron sputtering. <i>Ceramics International</i> , 2017 , 43, 11163-11169	5.1	11
91	Optical band gap modulation by Mg-doping in In ₂ O ₃ (ZnO) ₃ ceramics. <i>Ceramics International</i> , 2012 , 38, 6693-6697	5.1	11
90	Effect of forming pressure on densification behavior of nanocrystalline ITO powder. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 807-812	6	11
89	Dielectric, thermal and sintering behavior of BaO-B ₂ O ₃ -SiO ₂ glasses with the addition of Al ₂ O ₃ . <i>Journal of Electroceramics</i> , 2006 , 17, 359-363	1.5	11
88	Broadening of dielectric constant by a control of compositional fluctuation in (1-x)PMN-xPT system. <i>Ferroelectrics</i> , 1994 , 158, 241-246	0.6	11
87	Ionic conductivity and relaxations of In-doped GDC (gadolinium doped ceria) ceramics. <i>Ceramics International</i> , 2017 , 43, 11792-11798	5.1	10
86	EFFECTS OF Ni PARTICLE SIZE ON DIELECTRIC PROPERTIES OF PMMA-Ni-BaTiO ₃ COMPOSITES. <i>Integrated Ferroelectrics</i> , 2007 , 87, 85-93	0.8	10
85	INFLUENCE OF SAMARIUM SUBSTITUTION ON IMPEDANCE DIELECTRIC AND ELECTROMECHANICAL PROPERTIES OF Pb(1-x)K ₂ Nb ₂ O ₆ . <i>International Journal of Modern Physics B</i> , 2007 , 21, 931-945	1.1	10
84	Low-temperature sintering and microwave dielectric characteristics of Ba ₂ Ti ₉ O ₂₀ ceramics. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 2111-2115	6	10
83	Co-doping effect of SnO ₂ and ZnO in In ₂ O ₃ ceramics: Change in solubility limit and electrical properties. <i>Solid State Ionics</i> , 2006 , 177, 601-605	3.3	10
82	Alternating-Current Electrical Properties of CaMnO ₃ below the Néel Temperature. <i>Journal of the American Ceramic Society</i> , 2004 , 83, 797-801	3.8	10
81	Phase Transformation Behavior of Nanocrystalline ITO Powders during Heat-Treatment: Oxygen Partial Pressure Effect. <i>Journal of Electroceramics</i> , 2004 , 13, 851-855	1.5	10
80	Effect of Li ₂ O content and sintering temperature on the grain growth and electrical properties of Gd-doped CeO ₂ ceramics. <i>Ceramics International</i> , 2016 , 42, 11170-11176	5.1	10
79	Thermal expansion behavior of La-doped (Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2})O ₃ ∓ cathode material. <i>Ceramics International</i> , 2013 , 39, 8267-8271	5.1	9
78	Specific intracellular uptake of herceptin-conjugated CdSe/ZnS quantum dots into breast cancer cells. <i>BioMed Research International</i> , 2014 , 2014, 954307	3	9
77	Co-doping effect of Zn and Sb in SnO ₂ : Valence stabilization of Sb and expanded solubility limit. <i>Ceramics International</i> , 2011 , 37, 2723-2726	5.1	8

76	Electrical and electromechanical properties of lead potassium niobate ceramics piezoelectric applications. <i>Journal of Physics and Chemistry of Solids</i> , 2009 , 70, 1231-1241	3.9	8
75	Influence of the film properties on the plasma etching dynamics of rf-sputtered indium zinc oxide layers. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007 , 25, 659-665	2.9	8
74	Influence of Pr ₂ O ₃ and Nd ₂ O ₃ on Ferroelectric and Pyroelectric Properties of Tungsten Bronze Structured BSN Ceramics. <i>Ferroelectrics, Letters Section</i> , 2003 , 30, 25-39	0.5	8
73	Effect of Nb ₂ O ₅ content on dielectric characteristics of tungsten bronze-structured KLN ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003 , 99, 483-486	3.1	8
72	Origin of Abnormal Grain Growth in Tungsten Bronze Structured Ferroelectric Sr _x Ba _{1-x} Nb ₂ O ₆ Ceramics. <i>Japanese Journal of Applied Physics</i> , 2002 , 41, 7048-7052	1.4	8
71	Growth and gas sensing properties of methylammonium tin iodide thin film. <i>Scripta Materialia</i> , 2020 , 178, 108-113	5.6	8
70	Effects of temperature, target/substrate distance, and background pressure on growth of ZnO nanorods by pulsed laser deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 9020-4	1.3	7
69	Preferential growth orientations of CuCrO ₂ films grown by pulsed laser deposition. <i>Current Applied Physics</i> , 2012 , 12, S123-S126	2.6	7
68	Ultrasensitive tactile sensors based on planar liquid crystal-gated-organic field-effect transistors with polymeric dipole control layers. <i>RSC Advances</i> , 2015 , 5, 56904-56907	3.7	6
67	Effects of pH and reaction temperature on hydroxyapatite powders synthesized by precipitation. <i>Springer Series in Emerging Cultural Perspectives in Work, Organizational, and Personnel Studies</i> , 2020 , 57, 56-64	1.3	6
66	Touch sensors based on planar liquid crystal-gated-organic field-effect transistors. <i>AIP Advances</i> , 2014 , 4, 097109	1.5	6
65	Comparison of plasma chemistries for the dry etching of bulk single-crystal zinc-oxide and rf-sputtered indium zinc-oxide films. <i>Applied Surface Science</i> , 2007 , 253, 9228-9233	6.7	6
64	Effects of Post-Annealing Treatments on the Transfer Characteristics of Amorphous Indium-Gallium-Zinc Oxide Thin Film Transistors. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2011 , 6, 310-314	1.3	6
63	Oxygen nonstoichiometry and electrical properties of La _{2-x} Sr _x NiO _{4+δ} (0 ≤ δ ≤ 0.5). <i>Journal of the Korean Ceramic Society</i> , 2020 , 57, 416-422	2.2	5
62	Physical force-sensitive touch responses in liquid crystal-gated-organic field-effect transistors with polymer dipole control layers. <i>Organic Electronics</i> , 2016 , 28, 184-188	3.5	5
61	Transmission electron microscopy study of 3.2 YSZ single crystals manufactured by the skull melting method. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 7961-4	1.3	5
60	Effect of Nb ₂ O ₅ Content on Microstructure and Dielectric Properties of Ba _{2-2x} Na _{1-x} Nb ₅ O _{15-5x/2} Ceramics. <i>International Journal of Modern Physics B</i> , 2003 , 17, 1273-1278	1.1	5
59	Phase development and microwave dielectric properties of Ba _{0.5-x} Sm _{2x} O ₃ ·5TiO ₂ (x = 0-0.25) ceramics. <i>Materials Chemistry and Physics</i> , 2003 , 79, 282-285	4.4	5

58	Characterization of mechanical damage on structural and electrical properties of silicon wafers. <i>Solid-State Electronics</i> , 1999 , 43, 2011-2020	1.7	5
57	Structural and Electrical Properties of Al and B Co-Doped ZnO Thin Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2011 , 6, 301-305	1.3	5
56	Room-temperature NO ₂ sensor based on a hybrid nanomaterial of methylammonium tin iodide submicron spheres and tin dioxide nanowires. <i>Scripta Materialia</i> , 2020 , 188, 107-111	5.6	5
55	Strong addition effect of charge-bridging polymer in polymer:fullerene solar cells with low fullerene content. <i>RSC Advances</i> , 2014 , 4, 24914-24921	3.7	4
54	The aging effect on the low temperature mechanical strength of 3.2YSZ single crystals manufactured by the Skull melting method. <i>Ceramics International</i> , 2013 , 39, 2031-2036	5.1	4
53	Low temperature processing of indium-tin-zinc oxide channel layers in fabricating thin-film transistors. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 021008	1.3	4
52	Grain Growth Kinetics of Cobalt-Doped SnO ₂ by Varying Nb ₂ O ₅ Content. <i>Materials Science Forum</i> , 2007 , 534-536, 529-532	0.4	4
51	Structural and Electrical Properties of Al and P Co-Doped ZnO Thin Films Prepared by Pulsed Laser Deposition. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 489-492	1.3	4
50	Doping of Nitrogen in Li-Al doped ZnO by RF Magnetron Sputtering. <i>Journal of the Korean Physical Society</i> , 2009 , 54, 1293-1296	0.6	4
49	Effect of Li doping on sintering characteristics and microstructural behavior of yttria-stabilized zirconia. <i>Ceramics International</i> , 2016 , 42, 17339-17346	5.1	4
48	Fabrication of SnO ₂ Nanowire Networks on a Spherical Sn Surface by Thermal Oxidation. <i>Journal of Electronic Materials</i> , 2017 , 46, 6070-6077	1.9	3
47	Synthesis of submicron-sized rods and trees of Cu ₂ O by radio-frequency magnetron sputtering. <i>Vacuum</i> , 2015 , 111, 60-67	3.7	3
46	Effects of oxygen partial pressure on the structural and electrical properties of Al and Sb co-doped p-type ZnO thin films grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2020 , 708, 138130	2.2	3
45	Growth of CuO nanowires on graphene-deposited Cu foil by thermal oxidation method. <i>Journal of Crystal Growth</i> , 2013 , 384, 100-106	1.6	3
44	Characteristics of Sn and Zn co-substituted In ₂ O ₃ thin films prepared by RF magnetron sputtering. <i>Current Applied Physics</i> , 2012 , 12, S89-S93	2.6	3
43	LEAD BARIUM POTASSIUM SODIUM NIOBATE CERAMICS FOR PIEZOELECTRIC APPLICATIONS. <i>International Journal of Modern Physics B</i> , 2008 , 22, 1961-1976	1.1	3
42	EFFECT OF YTTRIUM ON DIELECTRIC, PYROELECTRIC AND PIEZOELECTRIC PROPERTIES OF PBN FERROELECTRICS. <i>International Journal of Modern Physics B</i> , 2006 , 20, 3081-3091	1.1	3
41	MICROSTRUCTURE EVOLUTION AND DIELECTRIC PROPERTIES OF (Ba _{1-x} Sr _x) ₄ Na ₂ Nb ₁₀ O ₃₀ CERAMICS WITH DIFFERENT Ba/Sr RATIOS. <i>Integrated Ferroelectrics</i> , 2005 , 74, 61-70	0.8	3

40	Sintering behaviors and electrical properties of transparent conducting $\text{In}_6\text{Sn}_2\text{Zn}_x\text{O}_{13}$ ceramics with different Sn/Zn ratio. <i>Journal of Electroceramics</i> , 2006 , 17, 1057-1061	1.5	3
39	Microstructure and Dielectric Properties of Tungsten Bronze Structured KLN and BNN Ceramics: TiO ₂ Effect. <i>International Journal of Modern Physics B</i> , 2003 , 17, 1267-1272	1.1	3
38	Phase Stability of Tungsten-Bronze-Structured KLN Ceramics: Effect of Excess Nb ₂ O ₅ . <i>Journal of Electroceramics</i> , 2004 , 13, 847-850	1.5	3
37	Effect of Ta ₂ O ₅ Content on Microstructure and Dielectric Properties of Ba ₂ NbNb ₅ (1-x)Ta ₅ xO ₁₅ Ceramic. <i>Integrated Ferroelectrics</i> , 2005 , 69, 33-42	0.8	3
36	Observation of Intergranular Films in BaB ₂ O ₄ -added BaTiO ₃ Ceramics. <i>Journal of Materials Research</i> , 2000 , 15, 1600-1604	2.5	3
35	Structural and Electrical Properties of (Al or Ga) and P Co-Doped ZnO Thin Films Prepared by Pulsed Laser Deposition. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2015 , 10, 449-454	1.3	3
34	Growth of Mg Doped CuCrO ₂ by Pulsed Laser Deposition. <i>Journal of the Korean Institute of Surface Engineering</i> , 2009 , 42, 68-72		3
33	Electrical and Optical Properties of Amorphous ITZO Deposited at Room Temperature by RF Magnetron Sputtering. <i>Journal of the Korean Institute of Surface Engineering</i> , 2014 , 47, 239-243		3
32	Effect of Ba Nonstoichiometry in Ba _x (Zr _{0.8} Y _{0.2})O ₃ on Population of 5-Coordinated Y. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 3749-3754	3.8	2
31	Effect of sintering atmospheres on the densification behavior of CuO ceramics. <i>Ceramics International</i> , 2013 , 39, S315-S319	5.1	2
30	SnO ₂ : CuSb ₂ O ₆ Thin Films Prepared by Pulsed Laser Deposition. <i>Integrated Ferroelectrics</i> , 2010 , 115, 34-40	0.8	2
29	Microstructure evolution and dielectric properties of K ₃ Li ₂ Nb ₅ O ₁₅ and PbTiO ₃ composites. <i>Materials Letters</i> , 2006 , 60, 3426-3430	3.3	2
28	Electrical Properties of K ₃ Li ₂ Nb ₅ O ₁₅ Ceramics with Substitutions of Ba and Sr. <i>Integrated Ferroelectrics</i> , 2005 , 69, 21-31	0.8	2
27	Catalyst-Free Patterned Growth of Well-Aligned ZnO Nanowires on ITO Substrates Using an Aqueous Solution Method and Lithography Process. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2010 , 5, 186-190	1.3	2
26	Structural, Optical, and Electrical Properties of p-Type SnO Thin Films Deposited by Reactive RF Magnetron Sputtering. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2012 , 7, 475-478	1.3	2
25	Microstructural and Electrical Characteristics of Preferential Growth Direction Controlled CuCrO ₂ Thin Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 579-583	1.3	2
24	Effect of Oxygen Plasma Treatment on p-Type Electrical Properties of Amorphous La ₂ NiO ₄ + δ Thin Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2015 , 10, 475-479	1.3	2
23	Optoelectronic Characteristics of Devices with Conducting Polymer Layers: A Planar Sensor Approach. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2015 , 10, 440-443	1.3	2

22	Adhesion behavior between yttrium-stabilized zirconia added La _{0.8} Ca _{0.2} Cr _{0.9} Co _{0.1} O ₃ interconnector and yttrium-stabilized zirconia-based substrate. <i>Ceramics International</i> , 2013 , 39, 8737-8741	5.1	1
21	Effect of sintering temperature and P ₂ O ₅ concentration on the grain shape and grain growth behavior in the ZnO/P ₂ O ₅ system. <i>Ceramics International</i> , 2014 , 40, 10143-10147	5.1	1
20	Deep etch-induced damage during ion-assisted chemical etching of sputtered indium-zinc oxide films in Ar/CH ₄ /H ₂ plasmas. <i>Thin Solid Films</i> , 2008 , 516, 2869-2873	2.2	1
19	Chemically Induced Interface Migration in PZT System During Controlling of PbO Content. <i>Integrated Ferroelectrics</i> , 2004 , 63, 117-120	0.8	1
18	Densification Behavior and Electrical Properties of K ₃ Li ₂ (Nb _{1-x} Tax) ₅ O ₁₅ Ceramics. <i>Integrated Ferroelectrics</i> , 2005 , 69, 11-20	0.8	1
17	Influence of Nb ₂ O ₅ Content on Dielectric Characteristics of Ferroelectric SBN Ceramics. <i>Integrated Ferroelectrics</i> , 2002 , 47, 245-257	0.8	1
16	Evaluation of mechanical damage by high resolution x-ray diffraction and minority carrier recombination lifetime in silicon wafer. <i>Journal of Applied Physics</i> , 1998 , 84, 168-173	2.5	1
15	Effect of tin (II and IV) iodide doping on organic-organic bismuth (III) iodide perovskite. <i>Materials Letters</i> , 2020 , 262, 127166	3.3	1
14	Synthesis of Cs ₂ TeI ₆ thin film and its NO ₂ gas-sensing properties under blue-light illumination. <i>Scripta Materialia</i> , 2022 , 207, 114305	5.6	1
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