

Chih-Cheng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

2,779
citations

471061

17
h-index

205818

48
g-index

203
all docs

203
docs citations

203
times ranked

4460
citing authors

#	ARTICLE	IF	CITATIONS
1	Prepare dispersed CIS nano-scale particles and spray coating CIS absorber layers using nano-scale precursors. <i>Nanoscale Research Letters</i> , 2014, 9, 1.	3.1	1,403
2	Develop Quad-Band (1.57/2.45/3.5/5.2 GHz) Bandpass Filters on the Ceramic Substrate. <i>IEEE Microwave and Wireless Components Letters</i> , 2010, 20, 268-270.	2.0	77
3	Optimized YOLOv3 Algorithm and Its Application in Traffic Flow Detections. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3079.	1.3	70
4	Investigation of Antireflection Nb ₂ O ₅ Thin Films by the Sputtering Method under Different Deposition Parameters. <i>Micromachines</i> , 2016, 7, 151.	1.4	45
5	Investigation of the High Mobility IGZO Thin Films by Using Co-Sputtering Method. <i>Materials</i> , 2015, 8, 2769-2781.	1.3	44
6	Deposition of F-doped ZnO transparent thin films using ZnF ₂ -doped ZnO target under different sputtering substrate temperatures. <i>Nanoscale Research Letters</i> , 2014, 9, 97.	3.1	36
7	Morphological, Optical, and Electrical Properties of p-Type Nickel Oxide Thin Films by Nonvacuum Deposition. <i>Nanomaterials</i> , 2020, 10, 636.	1.9	35
8	Wide-Angle Polarization-Independent Ultra-Broadband Absorber from Visible to Infrared. <i>Nanomaterials</i> , 2020, 10, 27.	1.9	31
9	Developing high-transmittance heterojunction diodes based on NiO/TZO bilayer thin films. <i>Nanoscale Research Letters</i> , 2013, 8, 206.	3.1	28
10	Investigation of the Structural, Electrical, and Optical Properties of the Nano-Scale GZO Thin Films on Glass and Flexible Polyimide Substrates. <i>Nanomaterials</i> , 2016, 6, 88.	1.9	26
11	Investigation of a Promoted You Only Look Once Algorithm and Its Application in Traffic Flow Monitoring. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3619.	1.3	25
12	Physical and electrical characteristics of Ba(Zr _{0.1} Ti _{0.9})O ₃ thin films under oxygen plasma treatment for applications in nonvolatile memory devices. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 90, 329-331.	1.1	20
13	Effects of NaNbO ₃ concentration on the relaxor and dielectric properties of the lead-free (Na _{0.5} Bi _{0.5})TiO ₃ ceramics. <i>CrystEngComm</i> , 2013, 15, 9097.	1.3	20
14	Effects of the Concentration of Eu ³⁺ Ions and Synthesizing Temperature on the Luminescence Properties of Sr ₂ ~xEuZnMoO ₆ Phosphors. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 30.	1.3	20
15	Numerical Study of Multilayer Planar Film Structures for Ideal Absorption in the Entire Solar Spectrum. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3276.	1.3	19
16	A 1V Full-band Cascoded UWB LNA with Resistive Feedback. , 2007, , .		18
17	Fabrication of One-Transistor-Capacitor Structure of Nonvolatile TFT Ferroelectric RAM Devices Using Ba(Zr _{0.1} Ti _{0.9})O ₃ Gated Oxide Film. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2007, 54, 1726-1730.	1.7	18
18	A Novel Compact 2.4/5.2 GHz Dual Wideband Bandpass Filter with Deep Transmission Zero. <i>Journal of Electromagnetic Waves and Applications</i> , 2011, 25, 617-628.	1.0	18

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19	Effects of different annealing temperatures on the physical, optical, and electrical characteristics and chemical bonds of Ga and F Co-doped ZnO films. <i>Journal of Materials Research and Technology</i> , 2020, 9, 6331-6342.	2.6	18
20	The crystal structures and dielectric properties of Bi ₂ O ₃ doped SrBi ₂ Ta ₂ O ₉ ceramics. <i>Materials Letters</i> , 2007, 61, 4643-4646.	1.3	17
21	The chemical and dielectric properties of epoxy/(Ba _{0.8} Sr _{0.2})(Ti _{0.9} Zr _{0.1})O ₃ composites for embedded capacitor application. <i>European Polymer Journal</i> , 2009, 45, 1442-1447.	2.6	17
22	Investigation of extended-gate field-effect transistor pH sensors based on different-temperature-annealed bi-layer MWCNTs-In ₂ O ₃ films. <i>Nanoscale Research Letters</i> , 2014, 9, 502.	3.1	17
23	Synthesis of high efficiency Zn ₂ SiO ₄ :Mn ²⁺ green phosphors using nano-particles. <i>Ceramics International</i> , 2010, 36, 1653-1657.	2.3	14
24	A Simple and Effective Method for Designing Frequency Adjustable Balun Diplexer With High Common-Mode Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2015, 25, 433-435.	2.0	14
25	Effect of Different Heating Process on the Photoluminescence Properties of Perovskite Eu-Doped BaZrO ₃ Powder. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 22.	1.3	14
26	Analysis of a high-performance ultra-thin body ultra-thin box silicon-on-insulator MOSFET with the lateral dual-gates: featuring the suppression of the DIBL. <i>Microsystem Technologies</i> , 2018, 24, 3949-3956.	1.2	14
27	Correlation among photoluminescence and the electronic and atomic structures of Sr ₂ SiO ₄ :xEu ³⁺ phosphors: X-ray absorption and emission studies. <i>Scientific Reports</i> , 2020, 10, 12725.	1.6	14
28	Sintering and compositional effects on the microwave dielectric characteristics of Mg(Ta _{1-x} Nb _x) ₂ TiO ₆ . <i>Journal of Materials Research and Technology</i> , 2020, 9, 1075-1081.	0.8	13
29	Effect of the Fabrication Parameters of the Nanosphere Lithography Method on the Properties of the Deposited Au-Ag Nanoparticle Arrays. <i>Materials</i> , 2017, 10, 381.	1.3	13
30	Drama Therapy Counseling as Mental Health Care of College Students. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3560.	1.2	13
31	Fabrication of CIS Absorber Layers with Different Thicknesses Using A Non-Vacuum Spray Coating Method. <i>Materials</i> , 2014, 7, 206-217.	1.3	12
32	Effect of Annealing Process on the Properties of Ni(55%)Cr(40%)Si(5%) Thin-Film Resistors. <i>Materials</i> , 2015, 8, 6752-6760.	1.3	12
33	Development of the I _± -IGZO/Ag/I _± -IGZO Triple-Layer Structure Films for the Application of Transparent Electrode. <i>Materials</i> , 2017, 10, 226.	1.3	12
34	Investigation of luminescent properties of Eu ³⁺ doped double perovskite Ba ₂ ZnMoO ₆ phosphors by using solid-state reaction method. <i>Microsystem Technologies</i> , 2018, 24, 4067-4074.	1.2	12
35	Hyperspectral Image Classification Based on Spectral and Spatial Information Using Multi-Scale ResNet. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4890.	1.3	12
36	Role of SiN _x Barrier Layer on the Performances of Polyimide Ga ₂ O ₃ -doped ZnO p-i-n Hydrogenated Amorphous Silicon Thin Film Solar Cells. <i>Materials</i> , 2014, 7, 948-962.	1.3	11

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37	Web-Based Remote Control of a Building's Electrical Power, Green Power Generation and Environmental System Using a Distributive Microcontroller. <i>Micromachines</i> , 2017, 8, 241.	1.4	11
38	Investigation of TiO ₂ /Al ₂ O ₃ bi-layer films as Bragg reflector of blue light by using electron beam evaporation. <i>Microsystem Technologies</i> , 2018, 24, 3941-3948.	1.2	11
39	Management and Distribution Strategies for Dynamic Power in a Ship's Micro-Grid System Based on Photovoltaic Cell, Diesel Generator, and Lithium Battery. <i>Energies</i> , 2019, 12, 4505.	1.6	11
40	Effect of Synthesis Temperature on the Crystalline Structures and Photoluminescence Properties of the Green-light Ca _{1.975} Eu _{0.025} MgSi ₂ O ₇ Phosphors. <i>Crystal Growth and Design</i> , 2020, 20, 3154-3162.	1.4	11
41	The influence of different fabrication processes on characteristics of excess Bi ₂ O ₃ -doped 0.95 (Na _{0.5} Bi _{0.5})TiO ₃ BaTiO ₃ ceramics. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 934-940.	1.9	10
42	Development of non-stoichiometric SrBi _{4+2x} Ti ₄ O _{15+3x} ($\tilde{\sim}0\text{Å}^4$) Tj ETQq0,0,0 rgBT /Overlock 10	0.6	10
43	Triple-band parallel coupled microstrip bandpass filter with dual coupled length input/output. <i>Microwave and Optical Technology Letters</i> , 2009, 51, 995-997.	0.9	10
44	Print a Compact Single- and Quad-Band Slot Antenna on Ceramic Substrate. <i>Journal of Electromagnetic Waves and Applications</i> , 2010, 24, 1697-1707.	1.0	10
45	Effect of Refractive Index of Substrate on Fabrication and Optical Properties of Hybrid Au-Ag Triangular Nanoparticle Arrays. <i>Materials</i> , 2015, 8, 2688-2699.	1.3	10
46	Light-emitting diodes for visible light communication. , 2015, , .		10
47	Investigation of the composites of epoxy and micro-scale BaTi ₄ O ₉ ceramic powder as the substrate of microwave communication circuit. <i>Microsystem Technologies</i> , 2018, 24, 343-349.	1.2	10
48	Reflection of Blue Light Using Bi-Layer Al ₂ O ₃ /TiO ₂ E-Beam Coating Films. <i>Crystal Growth and Design</i> , 2018, 18, 5426-5433.	1.4	10
49	The development of prediction method for the permittivity of Epoxy/(Ba _{0.9} Sr _{0.1})(Ti _{0.9} Zr _{0.1})O ₃ composites. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 97, 455-460.	1.1	9
50	Properties of RF magnetron sputtered 0.95 (Na _{0.5} Bi _{0.5})TiO ₃ BaTiO ₃ thin films. <i>Ceramics International</i> , 2011, 37, 3765-3769.	2.3	9
51	Optical and Electrical Properties of the Different Magnetron Sputter Power 300°C Deposited -ZnO Thin Films and Applications in p-i-n -Si:H Thin-Film Solar Cells. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-7.	1.4	9
52	Developments of the Physical and Electrical Properties of NiCr and NiCrSi Single-Layer and Bi-Layer Nano-Scale Thin-Film Resistors. <i>Nanomaterials</i> , 2016, 6, 39.	1.9	9
53	A re-transmitted chipless tag using CSRR coupled structure. <i>Microsystem Technologies</i> , 2018, 24, 4373-4382.	1.2	9
54	Investigation of high transparent and conductivity of IGZO/Ag/IGZO sandwich structures deposited by sputtering method. <i>Vacuum</i> , 2019, 165, 305-310.	1.6	9

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55	Effect of Eu ₂ O ₃ Concentration on the Properties of Red-Light-Emitting Sr _{1.5} Ca _{0.5} SiO ₄ Fluorescent Materials. Nano, 2019, 14, 1950110.	0.5	9
56	Effects of synthesis temperature and Eu ₂ O ₃ concentration on the crystalline phases and photoluminescence properties of SrAl ₂ O ₄ phosphors. Journal of Materials Research and Technology, 2020, 9, 14051-14060.	2.6	9
57	Miniaturized dual-mode bandpass filter using meander square-ring resonator. Microwave and Optical Technology Letters, 2008, 50, 2117-2119.	0.9	8
58	Microwave dielectric characteristics of (1-x)BaTi ₄ O ₉ -xBa(Mg _{1/3} Ta _{2/3})O ₃ ceramics. Journal of Alloys and Compounds, 2008, 461, 404-409.	2.8	8
59	Measuring the microwave frequency relative permittivity of polyetherimide/BaTi ₄ O ₉ composites by using a rectangular cavity resonator. Applied Physics Letters, 2008, 92, 022903.	1.5	8
60	Investigating the mechanical properties of high dielectric constant polyetherimide/(Ba _{0.8} Sr _{0.2})(Ti _{0.9} Zr _{0.1})O ₃ composites. Composites Part B: Engineering, 2011, 42, 1799-1802.	5.9	8
61	Impacts of Internal Carotid Artery Revascularization on Flow in Anterior Communicating Artery Aneurysm: A Preliminary Multiscale Numerical Investigation. Applied Sciences (Switzerland), 2019, 9, 4143.	1.3	8
62	Large memory window in the vanadium doped Bi ₄ Ti ₃ O ₁₂ thin films. Applied Physics A: Materials Science and Processing, 2009, 97, 919-923.	1.1	7
63	Cascade PI Controller Designs for Speed Control of Permanent Magnet Synchronous Motor Drive Using Direct Torque Approach. , 2009, , .		7
64	Developing the properties of new blue phosphors: TiO ₂ -doped Zn ₂ SiO ₄ . Ceramics International, 2011, 37, 1341-1344.	2.3	7
65	Developing the dielectric mechanisms of polyetherimide/multiwalled carbon nanotube/(Ba _{0.8} Sr _{0.2})(Ti _{0.9} Zr _{0.1})O ₃ composites. Nanoscale Research Letters, 2012, 7, 132.	3.1	7
66	Characterization and Curing Kinetics of Epoxy/Silica Nano-Hybrids. Materials, 2015, 8, 7032-7040.	1.3	7
67	Preparation, structure and properties of carbon nanotube reinforced polymer nanocomposites. Synthetic Metals, 2015, 205, 98-105.	2.1	7
68	Generation of Localized Surface Plasmon Resonance Using Hybrid Au-Ag Nanoparticle Arrays as a Sensor of Polychlorinated Biphenyls Detection. Sensors, 2016, 16, 1241.	2.1	7
69	Study on the Thermal Conductivity Characteristics for Ultra-Thin Body FD SOI MOSFETs Based on Phonon Scattering Mechanisms. Materials, 2019, 12, 2601.	1.3	7
70	Low Cost Test Pattern Generation in Scan-Based BIST Schemes. Electronics (Switzerland), 2019, 8, 314.	1.8	7
71	Numerical study on the self-heating effects for vacuum/high-k gate dielectric tri-gate FinFETs. Microelectronics Reliability, 2019, 95, 52-57.	0.9	7
72	Using Unmanned Aerial Vehicle Remote Sensing and a Monitoring Information System to Enhance the Management of Unauthorized Structures. Applied Sciences (Switzerland), 2019, 9, 4954.	1.3	7

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73	Resource Price Fluctuations, Resource Dependence and Sustainable Growth. Sustainability, 2019, 11, 6371.	1.6	7
74	A 1V 3.1-10.6 GHz Full-band Cascoded UWB LNA with Resistive Feedback. , 2007, , .		6
75	Measuring the relative permittivity of polyetherimide/(Ba _{0.8} Sr _{0.2})(Ti _{0.9} Zr _{0.1})O ₃ composites from 10 kHz to 12 GHz. Applied Physics Letters, 2009, 94, 052905.	1.5	6
76	Compact Etched Ground Structure Ultra-Wideband Bandpass Filter with Adjustable Bandwidth. Journal of Electromagnetic Waves and Applications, 2010, 24, 1375-1386.	1.0	6
77	Effects of Titanium Oxide Nanotube Arrays with Different Lengths on the Characteristics of Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2013, 2013, 1-6.	1.4	6
78	Enhancement of Selective Siphon Control Method for Deadlock Prevention in FMSs. Mathematical Problems in Engineering, 2015, 2015, 1-6.	0.6	6
79	Design and fabrication of micro-LED array with application-specific integrated circuits (ASICs) light emitting display. Microsystem Technologies, 2018, 24, 4089-4099.	1.2	6
80	Hardware Implementation for an Improved Full-Pixel Search Algorithm Based on Normalized Cross Correlation Method. Electronics (Switzerland), 2018, 7, 428.	1.8	6
81	Investigations of the crystalline phase and photoluminescence properties of white-light CaxZnMoO _{4+x} phosphors. Journal of Materials Research and Technology, 2019, 8, 3772-3782.	2.6	6
82	Fabrication of 500 nm distributed Bragg reflector using Nb ₂ O ₅ -MgF ₂ multi-layer films. Modern Physics Letters B, 2021, 35, .	1.0	6
83	Design of dual-band bandpass filter using stepped impedance resonator and defected ground structure. Microwave and Optical Technology Letters, 2007, 49, 3099-3103.	0.9	5
84	The development of the physical and electrical characteristics of multi-layer TiO ₂ Wâ€“TiO ₂ thin films. Applied Physics A: Materials Science and Processing, 2009, 94, 117-122.	1.1	5
85	Effects of the oxygen pressure on the crystalline orientation and strains of YSZ thin films prepared by E-beam PVD. Ceramics International, 2011, 37, 2037-2041.	2.3	5
86	Growth of Anodic Aluminum Oxide Templates and the Application in Fabrication of the BiSbTe-Based Thermoelectric Nanowires. International Journal of Photoenergy, 2014, 2014, 1-7.	1.4	5
87	Investigation of the Optimal Parameters in Hydrothermal Method for the Synthesis of ZnO Nanorods. Journal of Nanomaterials, 2014, 2014, 1-6.	1.5	5
88	Using anodic aluminum oxide templates and electrochemical method to deposit BiSbTe-based thermoelectric nanowires. Nanoscale Research Letters, 2014, 9, 63.	3.1	5
89	Enhancing the Compatibility of Poly (1,4-butylene adipate) and Phenoxy Resin in Blends. Materials, 2017, 10, 692.	1.3	5
90	A Fast Motion Parameters Estimation Method Based on Cross-Correlation of Adjacent Echoes for Wideband LFM Radars. Applied Sciences (Switzerland), 2017, 7, 500.	1.3	5

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91	Effects of different dopants and synthesizing temperatures on the microstructures and photoluminescence properties of Sr _{1.4} Ba _{0.6} SiO ₄ -based phosphors. <i>Microsystem Technologies</i> , 2018, 24, 4347-4356.	1.2	5
92	Employees' Perceptions of Training and Sustainability of Human Resource. <i>Sustainability</i> , 2019, 11, 4622.	1.6	5
93	Relationship between Crystal Structures and the Relaxor Property of SrBi ₂ (Ta ₂ VO ₉) _x Ceramics. <i>ACS Omega</i> , 2019, 4, 17125-17133.	1.6	5
94	Urban Air Quality Analysis and Forecast Based on Intelligent Algorithm with Parameter Optimization and Decision Rules. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5445.	1.3	5
95	Effect of V ₂ O ₅ B-site substitution on the microstructure, Raman spectrum, and dielectric properties of SrBi ₂ Ta ₂ O ₉ ceramics. <i>Scientific Reports</i> , 2020, 10, 19147.	1.6	5
96	Comparison of the performance improvement for the two novel SOI-tunnel FETs with the lateral dual-gate and triple-gate. <i>Microsystem Technologies</i> , 2021, 27, 1031-1038.	1.2	5
97	Control strategy of an all-electric cruise ship based on cycle life mode of lithium battery pack. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 8369-8384.	1.8	5
98	A Novel Synthesis of ZnO Nanoflower Arrays Using a Lift-Off Technique with Different Thicknesses of Al Sacrificial Layers on a Patterned Sapphire Substrate. <i>Nanomaterials</i> , 2022, 12, 612.	1.9	5
99	Characteristics of Bi ₄ Ti ₃ O ₁₂ thin films on ITO/glass and Pt/Si substrates prepared by R.F. sputtering and rapid thermal annealing. <i>Journal of Electroceramics</i> , 2006, 17, 173-177.	0.8	4
100	Robust Adaptive Control for Robot Manipulators with Friction. , 2008, , .		4
101	Modified Sliding Mode Speed Control of Brushless DC Motor Using Quantized Current Regulator. , 2009, , .		4
102	Low protruding monopole antenna with a slot cut in the ground plane for laptop applications. <i>Microwave and Optical Technology Letters</i> , 2010, 52, 2610-2613.	0.9	4
103	Improve the Properties of p-i-n ⁺ -Si:H Thin-Film Solar Cells Using the Diluted Hydrochloric Acid-Etched CZO Thin Films. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	1.5	4
104	Design of intelligent locks based on the triple KeeLoq algorithm. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401664650.	0.8	4
105	High-Permittivity Composites Thin Films for High-Energy Storage Capacitor Application Using the Nonvacuum Method. <i>Advances in Polymer Technology</i> , 2017, 36, 378-384.	0.8	4
106	Effects of Composition Variations on the Crystalline Phases and Photoluminescence Properties of Ca ₂ MgSi ₂ Eu _{0.025} O ₇ Phosphors. <i>ACS Omega</i> , 2022, 7, 3917-3924.	1.6	4
107	Investigations of a Statistical and Analytical Method to Find the Relationship between the Morphological and Optical Properties of ZnO Nanoflower Arrays. <i>ACS Omega</i> , 2022, 7, 17384-17392.	1.6	4
108	Effect of BaTi ₄ O ₉ on the sintering and microwave dielectric characteristics of Ba(Zn _{1/3} Ta _{2/3})O ₃ ceramics. <i>Journal of Materials Science</i> , 2005, 40, 4711-4714.	1.7	3

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109	The miniature microstrip square ring 2.4/5.2 GHz dual-band bandpass filter. Microwave and Optical Technology Letters, 2009, 51, 515-518.	0.9	3
110	Effect of Different Deposition Power of In ₂ O ₃ Target on the Characteristics of IGZO Thin Films Using the Cosputtering Method. International Journal of Photoenergy, 2014, 2014, 1-7.	1.4	3
111	A Novel Calcining Method Used to Fabricate the K _{0.5} Na _{0.5} NbO ₃ Ceramics. Ferroelectrics, 2014, 458, 221-226.	0.3	3
112	Chemical Interaction-Induced Evolution of Phase Compatibilization in Blends of Poly(hydroxy ether of Tj ETQqO O O rgBT /Overlock 10 T	1.3	3
113	A High-Accuracy Ultra-Low-Power Offset-Cancelation On-Off Bandgap Reference for Implantable Medical Electronics. Electronics (Switzerland), 2019, 8, 814.	1.8	3
114	Novel pure Ca ₂ ZnMoO ₆ composition with white light luminescence. Luminescence, 2020, 35, 243-249.	1.5	3
115	Infrared Sensor Detection and Actuator Treatment Applied during Hemodialysis. Sensors, 2020, 20, 2521.	2.1	3
116	Qualitative Study of the Cross-Cultural Adaptation of Macao Students in Mainland China. Education Sciences, 2020, 10, 128.	1.4	3
117	Effects of synthesis methods and different concentrations of Eu ³⁺ ions on the emission properties of Sr ₂ SiO ₄ phosphors. Luminescence, 2021, 36, 995-1005.	1.5	3
118	The Miniature 2.4/5.2 GHz Dual-Band Bandpass Filter with Modified Hairpin Structure. , 2007, , .		2
119	Fabrication of a new type wideband bandpass filter on the MgTA _{1.5} NB _{0.5} O ₆ ceramic substrate. Microwave and Optical Technology Letters, 2008, 50, 3223-3225.	0.9	2
120	The Influence of Annealing Process on Physical and Electrical Characteristics of (Ba _{0.8} Sr _{0.2})(Ti _{0.9} Zr _{0.1})O ₃ Thin Films. Ferroelectrics, 2009, 381, 59-66.	0.3	2
121	Dielectric Behavior of Epoxy/(Ba _{0.9} Sr _{0.1})(Ti _{0.9} Zr _{0.1})O ₃ Composites. Ferroelectrics, 2009, 385, 675-681.	0.3	2
122	Electrical Characteristics of Bi ₄ Ti ₃ O ₁₂ Ferroelectric Thin Films Annealed under Different Temperature for Applications in Nonvolatile Memory Devices. Ferroelectrics, 2009, 385, 646-653.	0.3	2
123	The influences of calcining processes on the sintering and dielectric characteristics of (1-x)(Na _{0.5} Bi _{0.5})TiO ₃ -xBaTiO ₃ ceramics. Journal of Alloys and Compounds, 2009, 487, 321-325.	2.8	2
124	The Influences of Excess Bi ₂ O ₃ Content on the Characteristics of 0.8 (Bi _{0.5} K _{0.5})TiO ₃ -0.2 BaTiO ₃ Ceramics. Ferroelectrics, 2009, 385, 689-696.	0.3	2
125	Using different supporting mediums to improve the field emission characteristics of carbon nanotubes. Microelectronic Engineering, 2015, 148, 34-39.	1.1	2
126	Investigation of CMOS Multiplexer Jet Matrix Addressing and Micro-Droplets within a Printhead Chip. Micromachines, 2017, 8, 346.	1.4	2

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127	Analyses and statistics of the electrical fail for flip chip packaging by using ANSYS simulation software and really underfill materials. <i>Microsystem Technologies</i> , 2018, 24, 4017-4024.	1.2	2
128	Electric Characteristic Enhancement of an AZO/Si Schottky Barrier Diode with Hydrogen Plasma Surface Treatment and Al _x O _x Guard Ring Structure. <i>Materials</i> , 2018, 11, 90.	1.3	2
129	Carrier concentration of calcium zinc oxide with different calcium contents deposited through spray pyrolysis. <i>Microsystem Technologies</i> , 2018, 24, 4267-4272.	1.2	2
130	Effect of different temperatures to remove reduction gas on the photoluminescence properties of Eu-doped Li ₂ (Ba _{1-x} Sr _x)SiO ₄ phosphors. <i>Luminescence</i> , 2021, 36, 20-27.	1.5	2
131	Effects of deposition parameters on properties of high resistance CrSi-based thin-film resistors. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150040.	1.0	2
132	Optimization of electrical discharge machining processing for ceramics using grey-taguchi system. <i>Modern Physics Letters B</i> , 0, , 2141014.	1.0	2
133	Effect of different stacking orders of Ta ₂ O ₅ and SiO ₂ films on the reflective properties of a blue distributed Bragg reflector. <i>Modern Physics Letters B</i> , 2022, 36, .	1.0	2
134	Improving the Coupling Characteristics of Bandpass Filters by Using Multilayer Structure and Defect Ground Units. , 2007, , .		1
135	Fabricate Rectangle-Patch and Square Notch Based 2.4/5.2GHz Dual-Band Bandpass Filter on Ceramic. , 2007, , .		1
136	Fabricate Modified Dual-Band Parallel-Coupled Microstrip Filters on the Al ₂ O ₃ Ceramic Substrate. , 2007, , .		1
137	A switched-capacitor current-reused VCO with symmetrical differential outputs. , 2008, , .		1
138	Develop dual-band CPW asymmetric monopole antennas on the Aluminum Oxide substrates. , 2009, , .		1
139	Design a new structure 2.4 GHz/5.2 GHz dual-band bandpass filters on the MgTa _{1.5} Nb _{0.5} O ₆ ceramic. <i>Microwave and Optical Technology Letters</i> , 2009, 51, 1085-1087.	0.9	1
140	Memory Properties of SrBi ₂ Ta ₂ O ₉ Ferroelectric Thin Film Prepared on SiO ₂ /Si Substrate. <i>Ferroelectrics</i> , 2009, 385, 654-661.	0.3	1
141	Characterization and Synthesis of Silica-Coated Silver Nanoparticles by Sol-Gel Method with Controlling of Adding Ammonical Silver Nitrate Amount. <i>Ferroelectrics</i> , 2011, 421, 30-36.	0.3	1
142	Using bi-layer structure to enhance the electrochromic properties of WO ₃ : Self-organized nanotube thin films on DC sputter thin films. , 2011, , .		1
143	Effects of Substrate and Annealing Temperatures on the Characteristics of SrBi ₄ Ti ₄ O ₁₅ Thin Films. <i>Integrated Ferroelectrics</i> , 2014, 158, 75-82.	0.3	1
144	Photoluminescence characteristics of perovskite Eu-doped (Ba _{0.9} Sr _{0.1})ZrO ₃ ceramic. , 2016, , .		1

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145	Effect of sintering temperature on the photoluminescence characteristics of the Nd ²⁺ /O ³⁺ -doped SnSiO ₄ phosphor. , 2016, , .		1
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