

Junsin Yi

List of Publications by Year in descending order

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137
papers

1,330
citations

430874

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138
all docs

138
docs citations

138
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of the Degradation of Photovoltaic Modules for Life Expectancy. <i>Energies</i> , 2021, 14, 4278.	3.1	97
2	Negative gate-bias temperature stability of N-doped InGaZnO active-layer thin-film transistors. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	87
3	Study on the ITO work function and hole injection barrier at the interface of ITO/a-Si:H(p) in amorphous/crystalline silicon heterojunction solar cells. <i>Materials Research Bulletin</i> , 2012, 47, 3032-3035.	5.2	47
4	The effect of small pyramid texturing on the enhanced passivation and efficiency of single c-Si solar cells. <i>RSC Advances</i> , 2016, 6, 49831-49838.	3.6	45
5	Influence of high work function ITO:Zr films for the barrier height modification in a-Si:H/c-Si heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2014, 122, 130-135.	6.2	39
6	Damage to passivation contact in silicon heterojunction solar cells by ITO sputtering under various plasma excitation modes. <i>Solar Energy Materials and Solar Cells</i> , 2019, 192, 36-43.	6.2	39
7	Influence of small size pyramid texturing on contact shading loss and performance analysis of Ag-screen printed mono crystalline silicon solar cells. <i>Materials Science in Semiconductor Processing</i> , 2018, 85, 68-75.	4.0	35
8	RF magnetron sputtered indium tin oxide films with high transmittance and work function for a-Si:H/c-Si heterojunction solar cells. <i>Vacuum</i> , 2014, 101, 18-21.	3.5	33
9	Preparation and characterization of p-type hydrogenated amorphous silicon oxide film and its application to solar cell. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2826-2832.	3.1	30
10	Improving the efficiency of rear emitter silicon solar cell using an optimized n-type silicon oxide front surface field layer. <i>Scientific Reports</i> , 2018, 8, 10657.	3.3	27
11	Fabrication of SiO ₂ /SiO _x /SiO _x N _y Non-Volatile Memory with Transparent Amorphous Indium Gallium Zinc Oxide Channels. <i>Journal of the Electrochemical Society</i> , 2011, 158, H1077.	2.9	23
12	Radio frequency plasma deposited boron doped high conductivity p-type nano crystalline silicon oxide thin film for solar cell window layer. <i>Materials Chemistry and Physics</i> , 2015, 159, 64-70.	4.0	23
13	Influence of working pressure on the structural, optical and electrical properties of sputter deposited AZO thin films. <i>Materials Science in Semiconductor Processing</i> , 2015, 37, 29-36.	4.0	22
14	Role of double ITO/In ₂ O ₃ layer for high efficiency amorphous/crystalline silicon heterojunction solar cells. <i>Materials Research Bulletin</i> , 2014, 58, 83-87.	5.2	21
15	Ambient annealing influence on surface passivation and stoichiometric analysis of molybdenum oxide layer for carrier selective contact solar cells. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 267-274.	4.0	21
16	Battery Management System Algorithm for Energy Storage Systems Considering Battery Efficiency. <i>Electronics (Switzerland)</i> , 2021, 10, 1859.	3.1	20
17	Study of stacked-emitter layer for high efficiency amorphous/crystalline silicon heterojunction solar cells. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	18
18	Future Options for Lightweight Photovoltaic Modules in Electrical Passenger Cars. <i>Sustainability</i> , 2021, 13, 2532.	3.2	18

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19	Optimization of intrinsic hydrogenated amorphous silicon deposited by very high-frequency plasma-enhanced chemical vapor deposition using the relationship between Urbach energy and silane depletion fraction for solar cell application. <i>Thin Solid Films</i> , 2013, 547, 256-262.	1.8	17
20	Effective optimization of indium tin oxide films by a statistical approach for shallow emitter based crystalline silicon solar cell applications. <i>Solar Energy Materials and Solar Cells</i> , 2014, 125, 176-183.	6.2	17
21	Improvement in Front-Contact Resistance and Interface Passivation of Heterojunction Amorphous/Crystalline Silicon Solar Cell by Hydrogen-Diluted Stacked Emitter. <i>IEEE Journal of Photovoltaics</i> , 2016, 6, 837-845.	2.5	16
22	Three-dimensional computed tomography and composition analysis of porcelain insulators for 154 kV power transmission lines. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2019, 26, 115-119.	2.9	16
23	Role of Schottky barrier height at source/drain contact for electrical improvement in high carrier concentration amorphous InGaZnO thin film transistors. <i>Materials Science in Semiconductor Processing</i> , 2015, 38, 50-56.	4.0	15
24	Review of Rear Emitter Silicon Heterojunction Solar Cells. <i>Transactions on Electrical and Electronic Materials</i> , 2020, 21, 138-143.	1.9	15
25	Current transport studies of amorphous n/p junctions and its application in Si:H/HTi type tandem cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2016, 24, 52-58.	8.1	14
26	Tunnel oxide passivating electron contacts for high efficiency n type silicon solar cells with amorphous silicon passivating hole contacts. <i>Progress in Photovoltaics: Research and Applications</i> , 2019, 27, 1104-1114.	8.1	14
27	Influence of Al ₂ O ₃ /IZO double-layer antireflective coating on the front side of rear emitter silicon heterojunction solar cell. <i>Vacuum</i> , 2022, 200, 110967.	3.5	14
28	The investigation of an amorphous SiO _x system for charge storage applications in nonvolatile memory at low temperature process. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 175, 176-180.	3.5	13
29	High performance nonvolatile memory using SiO ₂ /SiO _x /SiO _x /N _y stack on excimer laser-annealed polysilicon and the effect of blocking thickness on operation voltage. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 075101.	2.8	13
30	Efficient light trapping for maskless large area randomly textured glass structures with various haze ratios in silicon thin film solar cells. <i>Solar Energy</i> , 2018, 173, 1173-1180.	6.1	12
31	A reliability study of silicon heterojunction photovoltaic modules exposed to damp heat testing. <i>Microelectronic Engineering</i> , 2019, 216, 111081.	2.4	12
32	Failure Trends of High-Voltage Porcelain Insulators Depending on the Constituents of the Porcelain. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 694.	2.5	12
33	Improved optical and electrical properties for heterojunction solar cell using Al ₂ O ₃ /ITO double-layer anti-reflective coating. <i>Results in Physics</i> , 2021, 28, 104640.	4.1	12
34	Mechanism of Corrosion in Porcelain Insulators and Its Effect on the Lifetime. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 423.	2.5	12
35	High-efficiency hybrid solar cell with a nano-crystalline silicon oxide layer as an electron-selective contact. <i>Energy Conversion and Management</i> , 2022, 252, 115033.	9.2	12
36	Performance of hetero junction with intrinsic thin-layer solar cell depending upon contact resistivity of front electrode. <i>Journal of Photonics for Energy</i> , 2014, 4, 043094.	1.3	11

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37	A statistical approach for the optimization of indium tin oxide films used as a front contact in amorphous/crystalline silicon heterojunction solar cells. <i>Energy Conversion and Management</i> , 2014, 87, 191-198.	9.2	11
38	Surface Modifications for Light Trapping in Silicon Heterojunction Solar Cells: A Brief Review. <i>Transactions on Electrical and Electronic Materials</i> , 2020, 21, 349-354.	1.9	11
39	Online Condition Monitoring and Leakage Current Effect Based on Local Area Environment. <i>Transactions on Electrical and Electronic Materials</i> , 2020, 21, 144-149.	1.9	11
40	Improving passivation properties using a nano-crystalline silicon oxide layer for high-efficiency TOPCon cells. <i>Infrared Physics and Technology</i> , 2021, 115, 103723.	2.9	11
41	Nanoscale SiO _x Tunnel Oxide Deposition Techniques and Their Influence on Cell Parameters of TOPCon Solar Cells. <i>Transactions on Electrical and Electronic Materials</i> , 2021, 22, 557-566.	1.9	11
42	Boron-doped hydrogenated mixed-phase silicon as thermo-sensing films for infrared detectors. <i>Materials Science in Semiconductor Processing</i> , 2018, 74, 165-169.	4.0	10
43	A Study on the Life-Time Assessment Ways and Various Failure Types of 154kV Porcelain Insulators Installed in South Korea. <i>Transactions on Electrical and Electronic Materials</i> , 2018, 19, 188-194.	1.9	10
44	Effects of post deposition annealing atmosphere on interfacial and electrical properties of HfO ₂ /Ge ₃ N ₄ gate stacks. <i>Thin Solid Films</i> , 2019, 675, 16-22.	1.8	10
45	Deterioration of Porcelain Insulators Utilized in Overhead Transmission Lines: A Review. <i>Transactions on Electrical and Electronic Materials</i> , 2020, 21, 16-21.	1.9	10
46	Simulation of Silicon Heterojunction Solar Cells for High Efficiency with Lithium Fluoride Electron Carrier Selective Layer. <i>Energies</i> , 2020, 13, 1635.	3.1	10
47	High-efficiency Crystalline Silicon Solar Cells: A Review. <i>New & Renewable Energy</i> , 2019, 15, 36-45.	0.4	10
48	The effect of rear surface polishing to the performance of thin crystalline silicon solar cells. <i>Solar Energy</i> , 2011, 85, 1085-1090.	6.1	9
49	Control of micro void fraction and optical band gap in intrinsic amorphous silicon thin films (VHF-PECVD) for thin film solar cell application. <i>Materials Research Bulletin</i> , 2014, 60, 895-899.	5.2	9
50	Development of highly conducting n-type micro-crystalline silicon oxide thin film and its application in high efficiency amorphous silicon solar cell. <i>Materials Science in Semiconductor Processing</i> , 2017, 66, 223-231.	4.0	9
51	Effect on the reduction of the barrier height in rear-emitter silicon heterojunction solar cells using Ar plasma-treated ITO film. <i>Current Applied Physics</i> , 2020, 20, 219-225.	2.4	9
52	Effects of tunneling oxide defect density and inter-diffused carrier concentration on carrier selective contact solar cell performance: Illumination and temperature effects. <i>Solar Energy</i> , 2020, 211, 62-73.	6.1	9
53	Design of a solar cell electrode for a shingled photovoltaic module application. <i>Applied Surface Science</i> , 2020, 510, 145420.	6.1	9
54	Plasma etched PMMA/CaF ₂ anti-reflection coating for light weight PV module. <i>Optical Materials</i> , 2021, 112, 110813.	3.6	9

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55	Influence of electrolytic and crevice corrosion on mechanical resistance of porcelain insulators. <i>Engineering Failure Analysis</i> , 2021, 124, 105317.	4.0	9
56	Energy Management System of DC Microgrid in Grid-Connected and Stand-Alone Modes: Control, Operation and Experimental Validation. <i>Energies</i> , 2021, 14, 581.	3.1	9
57	Reduction of Tail State on Boron Doped Hydrogenated Amorphous Silicon Oxide Films Prepared at High Hydrogen Dilution. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7826-7833.	0.9	8
58	Computer modeling of the front surface field layer on the performance of the rear-emitter silicon heterojunction solar cell with 25 % efficiency. <i>Optik</i> , 2020, 205, 164011.	2.9	8
59	Optical Properties of CaF ₂ Thin Film Deposited on Borosilicate Glass and Its Electrical Performance in PV Module Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5647.	2.5	8
60	Finite Control Set Model Predictive Control of H8 Inverter Considering Dead-Time Effect for PMSM Drive Systems With Reduced Conducted Common-Mode EMI and Current Distortions. <i>IEEE Transactions on Power Electronics</i> , 2022, 37, 5342-5356.	7.9	8
61	Numerical Simulation and Experiment of a High-Efficiency Tunnel Oxide Passivated Contact (TOPCon) Solar Cell Using a Crystalline Nanostructured Silicon-Based Layer. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 392.	2.5	8
62	Characterization of vacuum evaporated In - Se thin films. <i>Ionics</i> , 2004, 10, 311-316.	2.4	7
63	Spectroscopic Ellipsometry Analysis of Amorphous Silicon Thin Films for Si-Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 3228-3232.	0.9	7
64	Effect of ultraviolet light exposure to boron doped hydrogenated amorphous silicon oxide thin film. <i>Applied Surface Science</i> , 2012, 260, 17-22.	6.1	7
65	Investigation of boron-doped hydrogenated silicon films as a thermo-sensing layer for uncooled microbolometer. <i>Thin Solid Films</i> , 2019, 690, 137515.	1.8	7
66	Porcelain suspension insulator for OHTL: A comparative study of new and used insulators using 3D-CT. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2019, 26, 1654-1659.	2.9	7
67	Analysis of Thermal Sensitivity by High Voltage Insulator Materials. <i>IEEE Access</i> , 2020, 8, 75586-75591.	4.2	7
68	Replacement Strategy of Insulators Established by Probability of Failure. <i>Energies</i> , 2020, 13, 2043.	3.1	7
69	Investigation of p-type nanocrystalline silicon oxide thin film prepared at various growth temperatures. <i>Materials Chemistry and Physics</i> , 2019, 229, 392-401.	4.0	6
70	ITO: Zr bi-layers deposited by reactive O ₂ and Ar plasma with high work function for silicon heterojunction solar cells. <i>Current Applied Physics</i> , 2020, 20, 994-1000.	2.4	6
71	A Brief Review of Passivation Materials and Process for High Efficiency PERC Solar Cell. <i>Transactions on Electrical and Electronic Materials</i> , 2022, 23, 1-5.	1.9	6
72	Variable Switching Frequency Control-Based Six-Step Operation Method of a Traction Inverter for Driving an Interior Permanent Magnet Synchronous Motor for a Railroad Car. <i>IEEE Access</i> , 2022, 10, 33829-33843.	4.2	6

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73	A Brief Review on III-V/Si Tandem Solar Cells. Transactions on Electrical and Electronic Materials, 2022, 23, 327-336.	1.9	6
74	Improving Retention Properties of ALD-AlxOy Charge Trapping Layer for Non-Volatile Memory Application. ECS Journal of Solid State Science and Technology, 2020, 9, 043002.	1.8	5
75	Analysis of Long-Term Deterioration Characteristics of High Voltage Insulators. Applied Sciences (Switzerland), 2020, 10, 123.	2.5	5
76	Improved optical performance of hydrophobic silica nanoparticles as antireflection coating on glass and its electrical performance for photovoltaic module applications. Optical Engineering, 2021, 60, .	1.0	5
77	Design of front emitter layer for improving efficiency in silicon heterojunction solar cells via numerical calculations. Optik, 2021, 235, 166580.	2.9	5
78	Corrosion, LID and LeTID in Silicon PV Modules and Solution Methods to Improve Reliability. Transactions on Electrical and Electronic Materials, 2021, 22, 575-583.	1.9	5
79	Analysis of Cell to Module Loss Factor for Shingled PV Module. New & Renewable Energy, 2020, 16, 1-12.	0.4	5
80	Power Conversion System Operation Algorithm for Efficient Energy Management of Microgrids. Electronics (Switzerland), 2021, 10, 2791.	3.1	5
81	Novel synthesis of a self-healing Ce based eco-friendly sealing coating to mitigate corrosion in insulators installed in industrial regions. RSC Advances, 2022, 12, 2612-2621.	3.6	5
82	Mechanical fatigue life analysis of solar panels under cyclic load conditions for design improvement. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	5
83	Analysis of Negative Bias Illumination Stress Induced Effect on LTPS and a-IGZO TFT. ECS Journal of Solid State Science and Technology, 2020, 9, 106005.	1.8	4
84	Al ₂ O ₃ /MoO _x Hole-Selective Passivating Contact for Silicon Heterojunction Solar Cell. ECS Journal of Solid State Science and Technology, 2022, 11, 015004.	1.8	4
85	Utilization of CaF ₂ /ITO Double-Layer Anti-Reflective Coating for Increasing the Efficiency in Rear Emitter SHJ Solar Cells. Crystal Research and Technology, 2022, 57, .	1.3	4
86	Chemical stoichiometry effect of hafnium oxide (HfOx) for passivation layer of PERC solar cells. Materials Science in Semiconductor Processing, 2022, 148, 106833.	4.0	4
87	Progressive cooling techniques for photovoltaic module efficiency and reliability: Comparative evaluation and optimization. Energy Reports, 2022, 8, 8534-8545.	5.1	4
88	Front grid design for plated contact solar cells. , 0, , .		3
89	A Novel Method to Make Boron-Doped Microcrystalline Silicon Thin Films with Optimal Crystalline Volume Fraction for Thin Films Solar Cell Applications. Journal of Nanoscience and Nanotechnology, 2014, 14, 9388-9394.	0.9	3
90	Development of p-Type Nano Crystalline Si Film for Electrical Contact Layer with the Front Electrode of Amorphous Silicon Oxide Type Solar Cell. Journal of Nanoscience and Nanotechnology, 2016, 16, 10675-10680.	0.9	3

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91	Passivated emitter and rear contact (PERC) approach for small-scale laboratory industrial applications. <i>Solar Energy</i> , 2019, 194, 167-176.	6.1	3
92	High mobility field-effect transistors based on MoS ₂ crystals grown by the flux method. <i>Nanotechnology</i> , 2021, 32, 325603.	2.6	3
93	p-type heterojunction bifacial solar cell with rear side carrier selective contact. <i>Inorganic Chemistry Communication</i> , 2021, 129, 108658.	3.9	3
94	Space Vector Pulse-Width Modulation Control Strategy for Four-Leg Inverters Under Single Line-to-Ground Faults in Islanded Microgrids. <i>IEEE Access</i> , 2022, 10, 18557-18569.	4.2	3
95	Crack resistance of a noble green hydrophobic antimicrobial sealing coating film against environmental corrosion applied on the steel-cement interface for power insulators. <i>RSC Advances</i> , 2022, 12, 10126-10141.	3.6	3
96	Application of noble cerium-based anti-corrosion sealing coating approach applied on electrical insulators installed in industrial regions. <i>Royal Society Open Science</i> , 2022, 9, 211786.	2.4	3
97	Effects of post-metallisation annealing on surface interfacial and electrical properties of HfO ₂ /Ge stacks modified <i>in situ</i> with SiO ₂ interfacial layer. <i>Materials Research Express</i> , 2019, 6, 086442.	1.6	2
98	Influence of Corrosion on Electrical and Mechanical Properties of Porcelain Suspension Insulators: An Overview. <i>Transactions on Electrical and Electronic Materials</i> , 2020, 21, 543-549.	1.9	2
99	Investigation of asymmetric degradation in electrical properties of a-InGaZnO thin-film transistor arrays as a function of channel width-to-length aspect ratio. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9826-9834.	2.2	2
100	Current Status of Low-temperature TCO Electrode for Solar-cell Application: A Short Review. <i>New & Renewable Energy</i> , 2021, 17, 1-6.	0.4	2
101	Power Conversion System Operation to Reduce the Electricity Purchasing Cost of Energy Storage Systems. <i>Energies</i> , 2021, 14, 4728.	3.1	2
102	Review on the Progress in Building Integrated Photovoltaic Materials and Module Technology. <i>New & Renewable Energy</i> , 2019, 15, 47-54.	0.4	2
103	Optimisation of four-terminal GaAs/Si tandem solar cells using numerical simulation. <i>Materials Science in Semiconductor Processing</i> , 2022, 139, 106365.	4.0	2
104	Improvement of the Charge Retention of a Non-Volatile Memory by a Bandgap-Engineered Charge Trap Layer. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 125002.	1.8	2
105	The impact of cap orientation on mechanical strength of high voltage devices and a novel design for improvement. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	1.6	2
106	Optimum Ge profile for the high cut-off frequency of SiGe HBT. , 0, , .		1
107	Fatigue characteristics of PZT thin films prepared by low thermal budget process. , 0, , .		1
108	Fabrication of textured silicon solar cell using microlens as anti-reflection layer. <i>Optoelectronic and Microelectronic Materials and Devices (COMMAD), Conference on</i> , 2008, , .	0.0	1

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109	A study on Improvement of Electrical and Retention characteristics of Non-volatile Memory with Al ₂ O ₃ Insulator. , 2019, , .		1
110	Temperature-dependent study of slow traps generation mechanism in HfO ₂ /GeON/Ge(1Å) metal oxide semiconductor devices. Solid-State Electronics, 2020, 167, 107797.	1.4	1
111	Surface Passivation of Crystalline Silicon Wafer Using H ₂ S Gas. Applied Sciences (Switzerland), 2021, 11, 3527.	2.5	1
112	Investigation of degradation mechanisms in small scaled amorphous-indium-gallium-zinc-oxide thin-film-transistors. ECS Journal of Solid State Science and Technology, 2021, 10, 095003.	1.8	1
113	Simulated Study and Surface Passivation of Lithium Fluoride-Based Electron Contact for High-Efficiency Silicon Heterojunction Solar Cells. ECS Journal of Solid State Science and Technology, 2022, 11, 015001.	1.8	1
114	Load Unbalanced Compensation Method with Artificial Neural Network for Grid-Connected Four-Leg Inverter. , 2021, , .		1
115	Passivating Contact Properties based on SiOX/poly-Si Thin Film Deposition Process for High-efficiency TOPCon Solar Cells. New & Renewable Energy, 2022, 18, 29-34.	0.4	1
116	Prediction of Dielectric Breakdown of OHTL Insulators Using Contact Angle Measurements. ECS Journal of Solid State Science and Technology, 2021, 10, 123010.	1.8	1
117	Ultraviolet nanosecond laser ablation of polyimide with thermal and nonthermal effects near threshold fluence. Journal of Laser Applications, 2022, 34, 032004.	1.7	1
118	Size control method for non-uniform electrical field distribution of an insulator string for power transmission lines. Electric Power Systems Research, 2022, 211, 108241.	3.6	1
119	Microcrystalline silicon films using a fluoride seed layer on glass substrates for solar cell applications. , 0, , .		0
120	Characteristics of metal-LiNbO ₃ /Si for a single transistor FRAM. , 0, , .		0
121	Electrical characteristics of CeO ₂ buffer layer for a FRAM. , 0, , .		0
122	A Novel Poly-Si Solar Cell using Grain Boundary Etching Treatment and Transparent Conducting Oxide. Materials Research Society Symposia Proceedings, 2001, 664, 2571.	0.1	0
123	Dielectric Properties Analysis in Paraelectric ZrTiO ₄ Thin Films. Materials Research Society Symposia Proceedings, 2001, 666, 371.	0.1	0
124	Structural and Electrical Properties of Y ₂ O ₃ Buffer Layer Prepared by Two Step Process. Materials Research Society Symposia Proceedings, 2001, 666, 771.	0.1	0
125	Role of the buffer solution in the chemical deposition of CdS films for CIGS solar cell applications. Journal of the Korean Physical Society, 2014, 64, 1566-1571.	0.7	0
126	Charge Storage Capabilities of (a)nc Si Embedded in SiO _x Matrix and the Influence of Tunneling Layer Thickness of SiO ₂ /(a)ncSi/SiO _x /SiO _x N _y Stack on the Memory Performances of MIS Structure. Journal of Nanoscience and Nanotechnology, 2017, 17, 3210-3216.	0.9	0

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127	Improvement of the storage ability of Si-rich oxide layer in poly-Si based nonvolatile memory devices by implementation of taguchi method. Semiconductor Science and Technology, 2019, 34, 095020.	2.0	0
128	Field effect passivation of plasma oxidized SiOx layer on boron emitter surface by PECVD. , 2019, , .		0
129	Accuracy Improvement of Stator Inductance Identification Method Based on Low-Frequency Current Injection for Three-Level NPC Inverter-Fed IM Drives in Locked-Rotor Standstill Condition. Electronics (Switzerland), 2021, 10, 488.	3.1	0
130	Investigation of EVA Accelerated Degradation Test for Silicon Photovoltaic Modules. New & Renewable Energy, 2021, 17, 24-31.	0.4	0
131	Interface state density and barrier height improvement in ammonium sulfide treated Al2O3/Si interfaces. Current Applied Physics, 2021, 26, 83-89.	2.4	0
132	Study on Indium Tin Oxide for High Efficient Silicon Heterojunction Solar Cells. New & Renewable Energy, 2019, 15, 46-52.	0.4	0
133	Microgrid Energy Management System based ANN of the Two-Step Structure. , 2021, , .		0
134	Design, Control and Implementation of Interleaved Buck-Boost Converter for Electric Vehicle with Fuel Cell System. , 2021, , .		0
135	Experimental and Statistical Approach to Detect the Corrosion Rate and Influencing Profiles for Enhancing Corrosion Rate of High-Voltage Insulator Materials. Applied Biochemistry and Biotechnology, 2022, , 1.	2.9	0
136	Analysis of the Deterioration of High-Voltage Insulators in Service Areas Due to Contamination Factors. ECS Journal of Solid State Science and Technology, 2022, 11, 073007.	1.8	0
137	Publisher's Note: "Ultraviolet nanosecond laser ablation of polyimide with thermal and nonthermal effects near threshold fluence". Laser Appl. 34, 032004 (2022)]. Journal of Laser Applications, 2022, 34, .	1.7	0