Seoung Gil Yoon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4983468/publications.pdf

Version: 2024-02-01

340 papers	5,578 citations	76326 40 h-index	168389 53 g-index
341 all docs	341 docs citations	341 times ranked	6416 citing authors

#	Article	IF	Citations
1	Piezoelectric properties of CH₃NH₃PbI₃perovskite thin films and their applications in piezoelectric generators. Journal of Materials Chemistry A, 2016, 4, 756-763.	10.3	130
2	A comprehensive review of flexible piezoelectric generators based on organic-inorganic metal halide perovskites. Nano Energy, 2019, 57, 74-93.	16.0	122
3	Enhanced output performance of a flexible piezoelectric energy harvester based on stable MAPbI3-PVDF composite films. Nano Energy, 2018, 53, 46-56.	16.0	111
4	An eco-friendly flexible piezoelectric energy harvester that delivers high output performance is based on lead-free MASnI3 films and MASnI3-PVDF composite films. Nano Energy, 2019, 57, 911-923.	16.0	94
5	Ultra Small, mono dispersed green synthesized silver nanoparticles using aqueous extract of Sida cordifolia plant and investigation of antibacterial activity. Microbial Pathogenesis, 2018, 124, 63-69.	2.9	87
6	Transfer-free graphene electrodes for super-flexible and semi-transparent perovskite solar cells fabricated under ambient air. Nano Energy, 2019, 65, 104018.	16.0	77
7	Enhancing the efficiency of dye sensitized solar cells with an SnO2 blocking layer grown by nanocluster deposition. Journal of Alloys and Compounds, 2013, 561, 206-210.	5.5	75
8	Co3O4â€“SWCNT composites for H2S gas sensor application. Sensors and Actuators B: Chemical, 2016, 222, 166-172.	7.8	75
9	Enhanced piezoelectric output performance via control of dielectrics in Fe2+-incorporated MAPbI3 perovskite thin films: Flexible piezoelectric generators. Nano Energy, 2018, 49, 247-256.	16.0	68
10	Structural properties of Ge2Sb2Te5 thin films by metal organic chemical vapor deposition for phase change memory applications. Applied Physics Letters, 2006, 89, 102107.	3.3	66
11	Optical and magnetic properties of laser-deposited Co-doped ZnO thin films. Solid State Communications, 2004, 131, 677-680.	1.9	64
12	Bismuth-zinc-niobate embedded capacitors grown at room temperature for printed circuit board applications. Applied Physics Letters, 2006, 88, 192902.	3.3	57
13	Effects of Co-doping level on the microstructural and ferromagnetic properties of liquid-delivery metalorganic-chemical-vapor-deposited Ti1â^'xCoxO2 thin films. Applied Physics Letters, 2002, 81, 4209-4211.	3.3	55
14	Defect-Free Graphene Synthesized Directly at 150 Â°C via Chemical Vapor Deposition with No Transfer. ACS Nano, 2018, 12, 2008-2016.	14.6	55
15	Effect of Annealing Conditions on a Hafnium Oxide Reinforced SiO[sub 2] Gate Dielectric Deposited by Plasma-Enhanced Metallorganic CVD. Journal of the Electrochemical Society, 2002, 149, F18.	2.9	54
16	Bending behavior of hydrogels composed of poly(methacrylic acid) and alginate by electrical stimulus. Polymer International, 2004, 53, 1456-1460.	3.1	54
17	Green synthesis, characterization and antimicrobial activity of silver nanoparticles using methanolic root extracts of Diospyros sylvatica. Journal of Environmental Sciences, 2017, 55, 157-163.	6.1	54
18	Microstructural and electrical properties of Ga2O3 nanowires grown at various temperatures by vaporâ€“liquidâ€“solid technique. Sensors and Actuators B: Chemical, 2009, 140, 240-244.	7.8	51

#	Article	IF	Citations
19	Electrical behavior of polymer hydrogel composed of poly(vinyl alcohol)â€“hyaluronic acid in solution. Biosensors and Bioelectronics, 2004, 19, 531-536.	10.1	50
20	CVD-deposited hybrid lead halide perovskite films for high-responsivity, self-powered photodetectors with enhanced photo stability under ambient conditions. Nano Energy, 2020, 74, 104872.	16.0	50
21	Synthesis and characteristics of interpenetrating polymer network hydrogels composed of alginate and poly(diallydimethylammonium chloride). Journal of Applied Polymer Science, 2004, 91, 3705-3709.	2.6	48
22	Optical Properties of Colloidal CH₃NH₃PbBr₃ Nanocrystals by Controlled Growth of Lateral Dimension. Crystal Growth and Design, 2017, 17, 794-799.	3.0	48
23	Metal/ferroelectric/insulator/semiconductor structure of Pt/SrBi2Ta2O9/YMnO3/Si using YMnO3 as the buffer layer. Applied Physics Letters, 1999, 75, 722-724.	3.3	47
24	Improvements in tunability of (Ba0.5Sr0.5)TiO3 thin films by use of metalorganic chemical vapor deposited (Ba,Sr)RuO3 interfacial layers. Applied Physics Letters, 2001, 79, 1012-1014.	3.3	47
25	Structural and electrical properties of LiCoO2 thin-film cathodes deposited on planar and trench structures by liquid-delivery metalorganic chemical vapour deposition. Journal of Power Sources, 2004, 125, 236-241.	7.8	47
26	Electrical sensitive behavior of poly(vinyl alcohol)/poly (diallyldimethylammonium chloride) IPN hydrogel. Sensors and Actuators B: Chemical, 2003, 88, 286-291.	7.8	46
27	Electrical sensitivity behavior of a hydrogel composed of polymethacrylic acid/poly(vinyl alcohol). Journal of Applied Polymer Science, 2004, 91, 3613-3617.	2.6	46
28	Utilization of AZO/Au/AZO multilayer electrodes instead of FTO for perovskite solar cells. Solar Energy Materials and Solar Cells, 2017, 163, 58-65.	6.2	46
29	Light-Driven Piezo- and Triboelectricity in Organicâ€“Inorganic Metal Trihalide Perovskite toward Mechanical Energy Harvesting and Self-powered Sensor Application. ACS Applied Materials & Interfaces, 2020, 12, 50472-50483.	8.0	46
30	Swelling characterization of the semiinterpenetrating polymer network hydrogels composed of chitosan and poly(diallyldimethylammonium chloride). Journal of Applied Polymer Science, 2004, 91, 2876-2880.	2.6	45
31	Enhanced thermoelectric properties of flexible Cu_{2â^'x}Se (x â‰¥ 0.25) NW/polyvinylidene fluoride composite films fabricated via simple mechanical pressing. Journal of Materials Chemistry C, 2017, 5, 763-769.	5.5	45
32	Unveiling Predominant Air-Stable Organotin Bromide Perovskite toward Mechanical Energy Harvesting. ACS Applied Materials & Interfaces, 2020, 12, 16469-16480.	8.0	45
33	ZnAlâ€“LDH-induced electroactive Î²-phase and controlled dielectrics of PVDF for a high-performance triboelectric nanogenerator for humidity and pressure sensing applications. Journal of Materials Chemistry A, 2021, 9, 15993-16005.	10.3	45
34	SrTa2O6Thin Films Deposited by Plasma-Enhanced Atomic Layer Deposition. Japanese Journal of Applied Physics, 2001, 40, 6941-6944.	1.5	44
35	Electrical sensitive behavior of a polyelectrolyte complex composed of chitosan/hyaluronic acid. Solid State Ionics, 2003, 164, 199-204.	2.7	44
36	Characteristics of Amorphous Lithium Lanthanum Titanate Electrolyte Thin Films Grown by PLD for Use in Rechargeable Lithium Microbatteries. Electrochemical and Solid-State Letters, 2005, 8, A75.	2.2	44

#	Article	IF	Citations
37	Characteristics of perovskite (Li0.5La0.5)TiO3 solid electrolyte thin films grown by pulsed laser deposition for rechargeable lithium microbattery. Electrochimica Acta, 2004, 50, 371-374.	5.2	42
38	Realization of a high capacitance density in Bi2Mg2â^•3Nb4â^•3O7 pyrochlore thin films deposited directly on polymer substrates for embedded capacitor applications. Applied Physics Letters, 2006, 89, 232910.	3.3	42
39	Scalable Synthesis of Exfoliated Organometal Halide Perovskite Nanocrystals by Ligand-Assisted Ball Milling. ACS Sustainable Chemistry and Engineering, 2018, 6, 3733-3738.	6.7	42
40	Characteristics of electrical responsive alginate/poly(diallyldimethylammonium chloride) IPN hydrogel in HCl solutions. Sensors and Actuators B: Chemical, 2003, 96, 1-5.	7.8	41
41	Characterization of SrBi2Ta2O9 ferroelectric thin films deposited at low temperatures by plasma-enhanced metalorganic chemical vapor deposition. Applied Physics Letters, 1997, 71, 81-83.	3.3	40
42	Characterization of Tantalum Nitride Thin Films Deposited on SiO[sub 2]â^•Si Substrates Using dc Magnetron Sputtering for Thin Film Resistors. Journal of the Electrochemical Society, 2006, 153, G164.	2.9	40
43	Characterization of LiCoO[sub 2] Thin Film Cathodes Deposited by Liquid-Delivery Metallorganic Chemical Vapor Deposition for Rechargeable Lithium Batteries. Journal of the Electrochemical Society, 2002, 149, A1584.	2.9	39
44	Characterization of photoconductive CdS thin films prepared on glass substrates for photoconductive-sensor applications. Journal of Vacuum Science & Technology B, 2008, 26, 1334-1337.	1.3	39
45	Nanoscale Silver-Based Al-Doped ZnO Multilayer Transparent-Conductive Oxide Films. Journal of the Electrochemical Society, 2009, 156, J215.	2.9	38
46	Crystallized Indium-Tin Oxide (ITO) Thin Films Grown at Low Temperature onto Flexible Polymer Substrates. ECS Journal of Solid State Science and Technology, 2012, 1, Q106-Q109.	1.8	38
47	Ensemble Design of Electrodeâ€“Electrolyte Interfaces: Toward High-Performance Thin-Film All-Solid-State Liâ€“Metal Batteries. ACS Nano, 2021, 15, 4561-4575.	14.6	38
48	Growth Mechanism of the Copper Oxide Nanowires from Copper Thin Films Deposited on CuO-Buffered Silicon Substrate. Journal of the Electrochemical Society, 2010, 157, K119.	2.9	37
49	Phase-Change InSbTe Nanowires Grown in Situ at Low Temperature by Metalâ^’Organic Chemical Vapor Deposition. Nano Letters, 2010, 10, 472-477.	9.1	37
50	An amperometric glucose biosensor based on a GOx-entrapped TiO2â€“SWCNT composite. Sensors and Actuators B: Chemical, 2012, 166-167, 103-109.	7.8	37
51	Surface engineering for improved stability of CH₃NH₃PbBr₃perovskite nanocrystals. Nanoscale, 2018, 10, 1885-1891.	5.6	36
52	Structural, Optical and Electrical Properties of HfO2 Thin Films Deposited at Low-Temperature Using Plasma-Enhanced Atomic Layer Deposition. Materials, 2020, 13, 2008.	2.9	36
53	Synthesis of conducting polyaniline in semi-IPN based on chitosan. Synthetic Metals, 2005, 154, 213-216.	3.9	35
54	Characterization of silver-saturated Geâ€“Te chalcogenide thin films for nonvolatile random access memory. Journal of Vacuum Science & Technology B, 2006, 24, 721.	1.3	35

#	Article	IF	Citations
55	Effect of annealing temperature on surface morphology and ultralow ferromagnetic resonance linewidth of yttrium iron garnet thin film grown by rf sputtering. Applied Surface Science, 2018, 435, 377-383.	6.1	35
56	Characterizations of high resistivity TiNxOy thin films for applications in thin film resistors. Microelectronics Reliability, 2007, 47, 752-754.	1.7	33
57	Enhanced Photoelectrochemical Activity of the TiO₂/ITO Nanocomposites Grown onto Singleâ€Walled Carbon Nanotubes at a Low Temperature by Nanocluster Deposition. Advanced Materials, 2011, 23, 5557-5562.	21.0	33
58	Efficiency enhancement of flexible dye-sensitized solar cell with solâ€“gel formed Nb2O5 blocking layer. Current Applied Physics, 2013, 13, 1391-1396.	2.4	33
59	Bromine Doping of MAPbI₃ Films Deposited via Chemical Vapor Deposition Enables Efficient and Photoâ€Stable Selfâ€Powered Photodetectors. Advanced Optical Materials, 2020, 8, 2000845.	7.3	33
60	Chemically and thermo-mechanically stable LSMâ€“YSZ segmented oxygen permeable ceramic membrane. Journal of Membrane Science, 2015, 486, 222-228.	8.2	32
61	A novel approach to ambient energy (thermoelectric, piezoelectric and solar-TPS) harvesting: Realization of a single structured TPS-fusion energy device using MAPbI3. Nano Energy, 2018, 52, 11-21.	16.0	32
62	Dye-sensitized solar cell based on AZO/Ag/AZO multilayer transparent conductive oxide film. Journal of Alloys and Compounds, 2013, 556, 121-126.	5.5	31
63	Synergistic contribution of flexoelectricity and piezoelectricity towards a stretchable robust nanogenerator for wearable electronics. Nano Energy, 2022, 91, 106691.	16.0	31
64	Halide (Cl/Br)-Incorporated Organicâ€“Inorganic Metal Trihalide Perovskite Films: Study and Investigation of Dielectric Properties and Mechanical Energy Harvesting Performance. ACS Applied Electronic Materials, 2020, 2, 2579-2590.	4.3	30
65	Improvement in ferroelectric properties of SrBi2Ta2O9 thin films with Bi2O3 buffer layers by liquid-delivery metalorganic chemical-vapor deposition. Applied Physics Letters, 2001, 79, 1519-1521.	3.3	29
66	Structural and electrical properties of HfO[sub x]N[sub y] and HfO[sub 2] gate dielectrics in TaN gated nMOSCAP and nMOSFET devices. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 1755.	1.6	29
67	Effect of grain size on thermal transport in post-annealed antimony telluride thin films. Nanoscale Research Letters, 2015, 10, 20.	5.7	29
68	Effect of the deposition temperature on temperature coefficient of resistance in CuNi thin film resistors. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 2698.	1.6	28
69	Chemical vapor deposition in fabrication of robust and highly efficient perovskite solar cells based on single-walled carbon nanotubes counter electrodes. Journal of Alloys and Compounds, 2018, 747, 703-711.	5.5	28
70	Control of the Interfacial Layer Thickness in Hafnium Oxide Gate Dielectric Grown by PECVD. Journal of the Electrochemical Society, 2003, 150, F75.	2.9	27
71	Enhanced thermoelectric properties of thermal treated Sb2Te3 thin films. Journal of Alloys and Compounds, 2014, 583, 111-115.	5.5	27
72	Self-powered pressure and light sensitive bimodal sensors based on long-term stable piezo-photoelectric MAPbI₃ thin films. Journal of Materials Chemistry C, 2018, 6, 2786-2792.	5.5	27

#	Article	IF	Citations
73	The Recent Progress on Halide Perovskite-Based Self-Powered Sensors Enabled by Piezoelectric and Triboelectric Effects. Nanoenergy Advances, 2021, 1, 3-31.	7.7	27
74	Characterization of HfO[sub 2] and HfO[sub x]N[sub y] Gate Dielectrics Grown by PE Metallorganic CVD with a TaN Gate Electrode. Journal of the Electrochemical Society, 2004, 151, G262.	2.9	26
75	Improvement of discharge capacity of LiCoO2 thin-film cathodes deposited in trench structure by liquid-delivery metalorganic chemical vapor deposition. Applied Physics Letters, 2003, 82, 3345-3347.	3.3	25
76	Effect of nitrogen incorporation on improvement of leakage properties in high-k HfO2 capacitors treated by N2-plasma. Applied Physics Letters, 2005, 87, 132903.	3.3	25
77	Electrical properties of Bi2Mg2â^•3Nb4â^•3O7 (BMN) pyrochlore thin films deposited on Pt and Cu metal at low temperatures for embedded capacitor applications. Applied Physics Letters, 2007, 90, 052903.	3.3	25
78	Dynamic Strain Evolution around a Crack Tip under Steady- and Overloaded-Fatigue Conditions. Metals, 2015, 5, 2109-2118.	2.3	25
79	Improvement in tunability and dielectric loss of (Ba_{0.5}Sr_{0.5})TiO₃ capacitors using seed layers on Pt/Ti/SiO₂/Si substrates. Journal of Materials Research, 2002, 17, 2831-2836.	2.6	24
80	Effect of Chromium Concentration on the Electrical Properties of NiCr Thin Films Resistor Deposited at Room Temperature by Magnetron Cosputtering Technique. Journal of the Electrochemical Society, 2006, 153, G27.	2.9	24
81	Thermoelectric characterization and fabrication of nanostructured p-type Bi0.5Sb1.5Te3 and n-type Bi2Te3 thin film thermoelectric energy generator with an in-plane planar structure. AIP Advances, 2016, 6, .	1.3	24
82	Porous Fe₃O₄ Nanospheres with Controlled Porosity for Enhanced Electromagnetic Wave Absorption. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1701032.	1.8	24
83	Inâ€Situ Coâ€Arc Discharge Synthesis of Fe₃O₄/SWCNT Composites for Highly Effective Microwave Absorption. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700989.	1.8	24
84	Very Thin TiO2 Films Prepared by Plasma Enhanced Atomic Layer Deposition (PEALD). Integrated Ferroelectrics, 2004, 68, 129-137.	0.7	23
85	Application of polyaniline nanowires electrodeposited on the FTO glass substrate as a counter electrode for low-cost dye-sensitized solar cells. Current Applied Physics, 2014, 14, 1607-1611.	2.4	23
86	Structural and electrical characterization of tantalum nitride thin film resistors deposited on AlN substrates for Ï€-type attenuator applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 135, 162-165.	3.5	22
87	Room-temperature ferromagnetism observed in Mo-doped indium oxide films. Applied Physics Letters, 2009, 95, 122502.	3.3	22
88	Formation of artificial pores in nano-TiO2 photo-electrode films using acetylene-black for high-efficiency, dye-sensitized solar cells. Scientific Reports, 2013, 3, 1496.	3.3	22
89	Reduced temperature-dependent thermal conductivity of magnetite thin films by controlling film thickness. Nanoscale Research Letters, 2014, 9, 96.	5.7	22
90	Fabrication of undoped ZnO thin film via photosensitive solâ€“gel method and its applications for an electron transport layer of organic solar cells. Applied Surface Science, 2015, 351, 487-491.	6.1	22

#	Article	IF	Citations
91	Realization of Large-Area Wrinkle-Free Monolayer Graphene Films Transferred to Functional Substrates. Scientific Reports, 2015, 5, 9610.	3.3	22
92	Large-scale room-temperature aqueous synthesis of Co superstructures with controlled morphology, and their application to electromagnetic wave absorption. Metals and Materials International, 2017, 23, 405-411.	3.4	22
93	Electrical and reliability characteristics of HfO2 gate dielectric treated in N2 and NH3 plasma atmosphere. Applied Surface Science, 2005, 242, 313-317.	6.1	21
94	Utilization of the Antiferromagnetic IrMn Electrode in Spin Thermoelectric Devices and Their Beneficial Hybrid for Thermopiles. Advanced Functional Materials, 2016, 26, 5507-5514.	14.9	21
95	Achieving Antifingerprinting and Antibacterial Effects in Smart-Phone Panel Applications Using ZnO Thin Films without a Protective Layer. ACS Applied Materials & Interfaces, 2016, 8, 997-1003.	8.0	21
96	Strategic extended air stability of organolead halide perovskite nonvolatile memory devices. Journal of Alloys and Compounds, 2019, 811, 151999.	5.5	21
97	Characterization of (Ba0.5,Sr0.5)TIO3thin films by the laser ablation technique and their electrical properties with different electrodes. Integrated Ferroelectrics, 1995, 7, 329-339.	0.7	20
98	Effect of thickness on electrical properties of bismuth-magnesium niobate pyrochlore thin films deposited at low temperature. Journal of Applied Physics, 2007, 101, 084114.	2.5	20
99	Low Resistivity ITO Thin Films Deposited by NCD Technique at Low Temperature: Variation of Tin Concentration. Journal of the Electrochemical Society, 2010, 157, H937.	2.9	20
100	Bi2O3 nanowire growth from high-density Bi nanowires grown at a low temperature using aluminumâ€“bismuth co-deposited films. Sensors and Actuators B: Chemical, 2011, 156, 709-714.	7.8	20
101	Scale-Up Synthesis of Organometal Halide Perovskite Nanocrystals (MAPbX₃, X = Cl, Br,) Tj ETQq1 1 0.784314 rgBT /Ove	6.7	20
102	Densification of SiCf/SiC composite by the multi-step of whisker growing and matrix filling. Journal of Nuclear Materials, 2004, 329-333, 530-533.	2.7	19
103	Transparent Capacitor for the Storage of Electric Power Produced by Transparent Solar Cells. Journal of the Electrochemical Society, 2009, 156, G180.	2.9	19
104	Enhanced transparency, mechanical durability and antibacterial activity of zinc nanoparticles on glass substrate. Scientific Reports, 2014, 4, 6271.	3.3	19
105	Effect of electronic contribution on temperature-dependent thermal transport of antimony telluride thin film. Journal of Alloys and Compounds, 2015, 620, 120-124.	5.5	19
106	Growth and Characterization of (Ba0.5Sr0.5)TiO3Films Epitaxially Grown on (002) GaN/(0006) Al2O3Electrode. Japanese Journal of Applied Physics, 2004, 43, L1425-L1428.	1.5	18
107	Synthesis and characterization of an interpenetrating polymer network composed of poly(methacrylic acid) and poly(vinyl alcohol). Polymer International, 2005, 54, 149-152.	3.1	18
108	Enhancement of Photosensitivity in CdS Thin Films Incorporated by Hydrogen. Electrochemical and Solid-State Letters, 2008, 11, H176.	2.2	18

#	Article	IF	Citations
109	Zinc doped TiO2 blocking layer grown by nanocluster deposition for improved dye-sensitized solar cell performance. Journal of Alloys and Compounds, 2014, 591, 1-5.	5.5	18
110	The Effect of a Sol-gel Formed TiO2Blocking Layer on the Efficiency of Dye-sensitized Solar Cells. Bulletin of the Korean Chemical Society, 2011, 32, 3629-3633.	1.9	18
111	Electrical and Structural Properties of SrTiO₃ Thin Films Deposited by Plasma-enhanced Metalorganic Chemical Vapor Deposition. Journal of Materials Research, 1997, 12, 1160-1164.	2.6	17
112	Characteristics of Pt and TaN Metal Gate Electrode for High-Îº Hafnium Oxide Gate Dielectrics. Electrochemical and Solid-State Letters, 2004, 7, G47.	2.2	17
113	Formation of Bismuth Nanocrystals in Bi₂O₃Thin Films Grown at 300 K by Pulsed Laser Deposition for Thermoelectric Applications. ECS Journal of Solid State Science and Technology, 2014, 3, P315-P319.	1.8	17
114	Effect of protective layer on enhanced transmittance, mechanical durability, anti-fingerprint, and antibacterial activity of the silver nanoparticles deposited on flexible substrate. Sensors and Actuators A: Physical, 2015, 221, 131-138.	4.1	17
115	Engineering Chemical Vapor Deposition for Leadâ€Free Perovskiteâ€Inspired MA₃Bi₂I₉ Selfâ€Powered Photodetectors with High Performance and Stability. Advanced Optical Materials, 2021, 9, 2100192.	7.3	17
116	Improvement in ferroelectric properties of Pb(Zr0.35Ti0.65)O3 thin films using a Pb2Ru2O7â^'x conductive interfacial layer for ferroelectric random access memory application. Applied Physics Letters, 2003, 83, 2880-2882.	3.3	16
117	Structural and Electrical Properties of TiN[sub x]O[sub y] Thin-Film Resistors for 30â€‚dB Applications of Ï€-type Attenuator. Journal of the Electrochemical Society, 2006, 153, G856.	2.9	16
118	Structural and electrical properties of Bi1.5Mg1.0Nb1.5O7 thin films deposited on Pt/TiO2/SiO2/Si substrates by rf-magnetron sputtering. Journal of Vacuum Science & Technology B, 2008, 26, 1277-1280.	1.3	16
119	A graphene meta-interface for enhancing the stretchability of brittle oxide layers. Nanoscale, 2016, 8, 4961-4968.	5.6	16
120	Effects of heating rate on the magneto-optical properties of bismuth-substituted yttrium iron garnet films prepared via modified metal-organic decomposition. Current Applied Physics, 2018, 18, 241-245.	2.4	16
121	Predominant Stable MAPbI₃ Films Deposited via Chemical Vapor Deposition: Stability Studies in Illuminated and Darkened States Coupled with Temperature under an Open-Air Atmosphere. ACS Applied Energy Materials, 2018, 1, 3301-3312.	5.1	16
122	Epitaxial PMNâ€“PT thin films grown on buffered Si substrates using ceramic and single-crystal targets. Journal of Alloys and Compounds, 2011, 509, 6924-6929.	5.5	15
123	Swelling and electroresponsive characteristics of interpenetrating polymer network hydrogels. Polymer International, 2005, 54, 1169-1174.	3.1	14
124	Electrical characteristics of Ga2O3â€“TiO2 nanomixed films grown by plasma-enhanced atomic-layer deposition for gate dielectric applications. Applied Physics Letters, 2005, 87, 082909.	3.3	14
125	Ge film growth in the presence of Sb by metal organic chemical vapor deposition. Journal of Applied Physics, 2007, 102, 083531.	2.5	14
126	Indium tin oxide thin films crystallized at a low temperature using a nanocluster deposition technique. Scripta Materialia, 2009, 61, 867-870.	5.2	14

#	Article	IF	Citations
127	Growth of high-quality ITO thin films at low temperature by tuning the oxygen flow rate using the nano-cluster deposition (NCD) technique. Chemical Physics Letters, 2010, 490, 234-237.	2.6	14
128	Most facile synthesis of Zn-Al:LDHs nanosheets at room temperature via environmentally friendly process and their high power generation by flexoelectricity. Materials Today Energy, 2018, 10, 254-263.	4.7	14
129	Pt Thin Film Collectors Prepared by Liquid-Delivery Metalâ€“Organic CVD Using Pt(C2H5C5H4)(CH3)3 for LiCoO2 Thin Film Cathodes. Chemical Vapor Deposition, 2003, 9, 321-325.	1.3	13
130	Nanocluster deposition for oxide thin film growth at near room temperature. Nanotechnology, 2008, 19, 435305.	2.6	13
131	Metalorganic chemical vapor deposition of non-GST chalcogenide materials for phase change memory applications. Journal of Materials Chemistry, 2010, 20, 1751.	6.7	13
132	Low-Temperature Nanocluster Deposition (NCD) for Improvement of the Structural, Electrical, and Optical Properties of ITO Thin Films. IEEE Nanotechnology Magazine, 2011, 10, 1059-1065.	2.0	13
133	Effects of the PyC interface coating on SiC nanowires of SiCf/SiC composite. Journal of Nuclear Materials, 2011, 417, 367-370.	2.7	13
134	Resistance against water and acid water (pHÂ=Â4.0) via Al-doped ZnO thin films for environmentally friendly glass panels. Journal of Alloys and Compounds, 2017, 719, 271-280.	5.5	13
135	Effect of Ionic Liquids with Different Cations in I⁻/I₃⁻Redox Electrolyte on the Performance of Dye-sensitized Solar Cells. Bulletin of the Korean Chemical Society, 2011, 32, 2058-2062.	1.9	13
136	Characterization of (Pb1-xLax)TiO3 thin films grown by radio-frequency magnetron sputtering and their electrical properties. Integrated Ferroelectrics, 1995, 10, 63-72.	0.7	12
137	Characterization of (Ba[sub 1â^'x],Sr[sub x])TiO[sub 3] thin films deposited on Pt/Ti/SiO[sub 2]/Si substrates with different Ti buffer layer thicknesses. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 2182.	1.6	12
138	Effect of annealing temperature on structural and electrical properties of tantalum nitride thin film resistors deposited on SiO[sub 2]â•Si substrates by dc sputtering technique. Journal of Vacuum Science & Technology B, 2006, 24, 682.	1.3	12
139	Characterization of in situ diffusion of silver in Geâ€“Te amorphous films for programmable metallization cell memory applications. Journal of Vacuum Science & Technology B, 2006, 24, 2312.	1.3	12
140	Effect of excess bismuth concentration on dielectric and electrical properties of fully crystallized Bi2Mg2â•3Nb4â•3O7 thin films. Applied Physics Letters, 2007, 91, .	3.3	12
141	Effect of indium concentration on the structural and electrical properties of Al-doped ZnO thin films grown by pulsed laser deposition. Journal Physics D: Applied Physics, 2008, 41, 215107.	2.8	12
142	Epitaxial 0.65PbMg1/3Nb2/3O3â€“0.35PbTiO3 (PMNâ€“PT) thin films grown on LaNiO3/CeO2/YSZ buffered Si substrates. Journal of Alloys and Compounds, 2011, 509, 3065-3069.	5.5	12
143	Microstructural and electrical properties of 0.65Pb(Mg1/3Nb2/3)O3â€“0.35PbTiO3 (PMNâ€“PT) epitaxial films grown on Si substrates. Sensors and Actuators B: Chemical, 2011, 155, 854-858.	7.8	12
144	Effect of Structural Change on Thermoelectric Properties of the Chalcogenide Ge₂Sb₂Te₅Thin Films. ECS Journal of Solid State Science and Technology, 2014, 3, P298-P301.	1.8	12

#	Article	IF	Citations
145	Enhanced transmittance, mechanical durability, and anti-fingerprinting qualities of silver nanoparticles deposited onto glass substrates. Journal of Alloys and Compounds, 2014, 602, 255-260.	5.5	12
146	High Temperature Oxidation of TiAlN Thin Films for Memory Devices. Integrated Ferroelectrics, 2002, 48, 281-290.	0.7	11
147	Plasma-Enhanced Atomic Layer Deposition of SrTa[sub 2]O[sub 6] Thin Films Using Sr[Ta(OC[sub) Tj ETQq1 1 0.784314 rgBT /Overlo Society, 2004, 151, C292.	2.9	11
148	Plasma Nitration of HfO[sub 2] Gate Dielectric in Nitrogen Ambient for Improvement of TaN/HfO[sub 2]/Si Performance. Electrochemical and Solid-State Letters, 2004, 7, F59.	2.2	11
149	Influence of laser treatment on the electrical properties of plasma-enhanced-atomic-layer-deposited TiO2 thin films. Metals and Materials International, 2005, 11, 285-289.	3.4	11
150	Bismuth-Based Pyrochlore Thin Films Deposited at Low Temperatures for Embedded Capacitor Applications. Japanese Journal of Applied Physics, 2006, 45, 7325-7328.	1.5	11
151	Effects of Nitrogen Concentration on Structural and Electrical Properties of Titanium Nitride for Thin-Film Resistor Applications. Electrochemical and Solid-State Letters, 2006, 9, G279.	2.2	11
152	Structural and Electrical Properties of NiCr Thin Films Annealed at Various Temperatures in a Vacuum and a Nitrogen Ambient for Î€-Type Attenuator Applications. Journal of the Electrochemical Society, 2006, 153, G660.	2.9	11
153	Development of embedded capacitor with bismuth-based pyrochlore thin films at low temperatures for printed circuit board applications. Microelectronics Reliability, 2007, 47, 755-758.	1.7	11
154	Characterization of Ge[sub 1âˆ'x]Te[sub x] Chalcogenide Thin Films Deposited by MOCVD for Phase Change Memory Applications. Journal of the Electrochemical Society, 2008, 155, D137.	2.9	11
155	An extremely high dielectric constant in bismuth-based pyrochlore multilayer film capacitors combined with percolative structure. Applied Physics Letters, 2008, 93, .	3.3	11
156	Selective growth of pure magnetite thin films and/or nanowires grown in situ at a low temperature by pulsed laser deposition. Journal of Materials Chemistry C, 2013, 1, 1977.	5.5	11
157	Simultaneous realization of electromagnetic interference shielding, hydrophobic qualities, and strong antibacterial activity for transparent electronic devices. Current Applied Physics, 2016, 16, 1642-1648.	2.4	11
158	Comparative study of hybrid perovskite phototransistors based on CVD-grown and spin-coated MAPbI3. Journal of Alloys and Compounds, 2020, 815, 152404.	5.5	11
159	Direct Growth of Highly Conductive Largeâ€Area Stretchable Graphene. Advanced Science, 2021, 8, 2003697.	11.2	11
160	Chemical Vapor Deposition of Tantalum Carbide from TaCl5-C3H6-Ar-H2 System. Journal of the Korean Ceramic Society, 2016, 53, 597-603.	2.3	11
161	Water sorption of poly(vinyl alcohol)/ poly(diallyldimethylammonium chloride) interpenetrating polymer network hydrogels. Journal of Applied Polymer Science, 2003, 90, 1389-1392.	2.6	10
162	Structural and electrical characterizations of ultrathin HfO[sub 2] gate dielectrics treated by nitrogen-plasma atmosphere. Journal of Vacuum Science & Technology B, 2006, 24, 312.	1.3	10

#	Article	IF	Citations
163	Ti(N) thin film resistors for 20dB Î-type attenuator applications. Applied Physics Letters, 2007, 90, 183506.	3.3	10
164	Structural and electrical properties of high-Îº Bi2Mg2âˆ•3Nb4âˆ•3O7 pyrochlore films on silicon for possible gate dielectric applications. Journal of Applied Physics, 2007, 102, 054103.	2.5	10
165	Enhanced Output Performance of Nanogenerator Based on Composite of Poly Vinyl Fluoride (PVDF) and Zn:Al Layered-Double Hydroxides (LDHs) Nanosheets. Transactions on Electrical and Electronic Materials, 2018, 19, 403-411.	1.9	10
166	Antireflective, Transparent, Water-Resistant, and Antibacterial Zn-Doped Silicon Oxide Thin Films for Touchscreen-Based Display Applications. ACS Sustainable Chemistry and Engineering, 2022, 10, 2136-2147.	6.7	10
167	Effect of hydrogen on true leakage current characteristics of (Pb,La)(Zr,Ti)O₃ thin-film capacitors with Pt- or Ir-based top electrodes. Journal of Materials Research, 2001, 16, 1185-1189.	2.6	9
168	Ultrathin HfO2 gate dielectric grown by plasma-enhanced chemical vapor deposition using Hf[OC(CH3)3]4 as a precursor in the absence of O2. Journal of Materials Research, 2003, 18, 60-65.	2.6	9
169	Effect of the water state on the electrical bending behavior of chitosan/poly(diallyldimethylammonium chloride) hydrogels in NaCl solutions. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 914-921.	2.1	9
170	Structural and ferroelectric properties of (Bi,Ce)4Ti3O12 thin films grown by pulsed laser deposition for ferroelectric random access memories. Applied Surface Science, 2004, 227, 187-192.	6.1	9
171	Effect of film thickness on the ferroelectric properties of Pb(Zr[sub 0.2]Ti[sub 0.8])O[sub 3] thin films for nano-data storage applications. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 1901.	1.6	9
172	The Structural and Electrical Properties of CuNi Thin-Film Resistors Grown on AlN Substrates for Î-Type Attenuator Application. Journal of the Electrochemical Society, 2005, 152, G472.	2.9	9
173	Intrinsic ferromagnetic properties of Ti0.94Fe0.06O2âˆ•Ti0.94Mn0.06O2 superlattice films for dilute magnetic semiconductor applications. Applied Physics Letters, 2006, 89, 162109.	3.3	9
174	Ultraviolet response and photoelectrochemical properties of a rutile and anatase mixture grown onto single-wall carbon nanotubes at a low temperature using nano-cluster deposition. Journal of Materials Chemistry, 2011, 21, 16473.	6.7	9
175	Transparent conducting oxide free dye sensitized solar cell using flexible stainless steel mesh. Journal of Alloys and Compounds, 2013, 578, 609-612.	5.5	9
176	Morphology Control of Pt Counter Electrodes Using a Pt Precursor Solution with H₂PtCl₆Â·xH₂O for Highly Efficient Dye-Sensitized Solar Cells. Journal of the Electrochemical Society, 2014, 161, H166-H171.	2.9	9
177	Lead-free 0.75(Bi0.5Na0.5)TiO3-0.25SrTiO3 (BNT-ST) epitaxial films grown on Si (001) substrates via pulsed laser deposition. Sensors and Actuators A: Physical, 2016, 243, 117-122.	4.1	9
178	Highly Photoconductive CdS Thin Films Synthesized by UsingChemical Bath Deposition. Journal of the Korean Physical Society, 2009, 55, 284-287.	0.7	9
179	Electrical Properties in High-kâ€,HfO[sub 2] Capacitors with an Equivalent Oxide Thickness of 9 AÌŠ on Ru Metal Electrode. Electrochemical and Solid-State Letters, 2005, 8, F17.	2.2	8
180	Effect of Deposition Temperature on the Structural and Electrical Properties of NiCr Thin-Film Resistors by Magnetron Cosputtering. Journal of the Electrochemical Society, 2006, 153, G606.	2.9	8

#	Article	IF	Citations
181	Co clustering and ferromagnetism in chemical vapor deposited Ti1â^'xCoxO2â^'Î´ thin films. Applied Physics Letters, 2007, 90, 102504.	3.3	8
182	Nonvolatile programmable metallization cell memory switching element based on Ag-doped SbTe solid electrolyte. Applied Physics Letters, 2007, 91, 162107.	3.3	8
183	Effect of Deposition Temperature on Al[sub 0.016]In[sub 0.003]Zn[sub 0.981]O Thin Films Grown on Glass Substrates by Pulsed Laser Deposition. Journal of the Electrochemical Society, 2008, 155, H786.	2.9	8
184	High-Resistivity Thin-Film Resistors Grown Using <formula formulatype="inline"><tex Notation="TeX">$ hbox{CrB}_{2}$</tex></formula>–Si–SiC Materials by Radio-Frequency Magnetron Sputtering. IEEE Transactions on Electron Devices, 2010, 57, 1475-1480.	3.0	8
185	Self-catalytic growth of indium oxide flower-like nanostructures by nano-cluster deposition (NCD) at low temperature. CrystEngComm, 2011, 13, 663-667.	2.6	8
186	Electrical Properties of Epitaxial 0.65Pb (Mg1/3Nb2/3)O3-0.35PbTiO3 Thin Films Grown on Buffered Si Substrates by Pulsed Laser Deposition. International Journal of Applied Ceramic Technology, 2011, 8, 1393-1399.	2.1	8
187	Epitaxial PMN-PT Thin Films Grown on LaNiO3/CeO2/YSZ Buffered Si(001) Substrates by Pulsed Laser Deposition. Journal of the Electrochemical Society, 2011, 158, G83.	2.9	8
188	Realization of transparent and flexible capacitors using reliable graphene electrodes. RSC Advances, 2012, 2, 5214.	3.6	8
189	Thermoelectric property of Fe3O4 thin films grown onto the SiO2 (250nm)/Si and c-Al2O3 (0001) substrate at 573K using pulsed laser deposition. Sensors and Actuators B: Chemical, 2014, 204, 622-628.	7.8	8
190	Enhanced thermoelectric properties of Ge 2 Sb 2 Te 5 thin films through the control of crystal structure. Current Applied Physics, 2017, 17, 744-750.	2.4	8
191	Water-Resistant and Antibacterial Zinc Aluminate Films: Application of Antibacterial Thin Film Capacitors. ACS Applied Electronic Materials, 2021, 3, 1429-1436.	4.3	8
192	Electrical properties of SrBi2Ta2O9 thin films deposited by RF magnetron sputtering. Integrated Ferroelectrics, 1997, 18, 377-387.	0.7	7
193	Swelling Characterizations of the Interpenetrating Polymer Network Hydrogels Composed of Polymethacrylic Acid and Alginate. Journal of Macromolecular Science - Pure and Applied Chemistry, 2005, 42, 811-820.	2.2	7
194	Structural and Dielectric Properties of Cubic Fluorite Bi[sub 3]NbO[sub 7] Thin Films As-Deposited at 298â€‚K by PLD for Embedded Capacitor Applications. Journal of the Electrochemical Society, 2006, 153, F225.	2.9	7
195	Nonvolatile Memory-Switching Behaviors of Phase-Change Memory Devices Using Tiâ€“Siâ€“N Heating Layers. Journal of the Electrochemical Society, 2008, 155, H421.	2.9	7
196	Experimental investigation of interfacial and electrical properties of post-deposition annealed Bi₂Mg_{2/3}Nb_{4/3}O₇(BMN) dielectric films on silicon. Journal Physics D: Applied Physics, 2008, 41, 135311.	2.8	7
197	Transparent Conductive Films of Copper Nanofiber Network Fabricated by Electrospinning. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	7
198	Reduction of magnetic resonance image artifacts of NiTi implant by carbon coating. Materials Science and Engineering C, 2019, 98, 1-8.	7.3	7

#	Article	IF	Citations
199	Effect of second phase on the electrical properties of SrBi2Ta2O9(SBT) thin films deposited at 550Â°C by PEMOCVD. Integrated Ferroelectrics, 1998, 21, 207-215.	0.7	6
200	Compositional Control of Ferroelectric SrBi[sub 2]Ta[sub 2]O[sub 9] Thin Films by Liquid Delivery MOCVD Using a Single Cocktail of Sr[Ta(OEt)[sub 5](dmae)][sub 2] and Bi(C[sub 6]H[sub 5])[sub 3]. Journal of the Electrochemical Society, 2001, 148, C762.	2.9	6
201	NiCr Bottom Electrodes for Ta 2 O 5 High Dielectric Thin Films in Metal-Insulator-Metal Capacitors. Integrated Ferroelectrics, 2002, 47, 41-48.	0.7	6
202	Improvement in Structural and Electrical Properties of (Ba0.5Sr0.5)TiO3Capacitors Using (Ba0.5Sr0.5)RuO3Conductive Layers at (Ba0.5Sr0.5)TiO3/Pt Interface. Japanese Journal of Applied Physics, 2004, 43, 1442-1445.	1.5	6
203	Thickness Dependence of the Electrical Properties of CuNi Thin Film Resistors Grown on AlN Substrates for Î-Type Attenuator Application. Electrochemical and Solid-State Letters, 2005, 8, G92.	2.2	6
204	Effect of film thickness on the electrical properties of tantalum nitride thin films deposited on SiO[sub 2]â•Si substrates for Î-type attenuator applications. Journal of Vacuum Science & Technology B, 2006, 24, 1398.	1.3	6
205	Nitrogen Incorporation on the Crystallization Temperature of Silver-Doped Ge[sub 45]Te[sub 55] Solid-Electrolyte Films for PMC Memory Applications. Electrochemical and Solid-State Letters, 2006, 9, G364.	2.2	6
206	Improvement of Leakage Current Characteristics by Plasma Treatment in Bi[sub 2]Mg[sub 2â•3]Nb[sub 4â•3]O[sub 12] Dielectric Thin Films. Electrochemical and Solid-State Letters, 2007, 10, G18.	2.2	6
207	Realization of Î-type attenuator using Ti(N) thin films for the fourth generation of mobile telecommunications. Applied Physics Letters, 2007, 91, 203502.	3.3	6
208	GROWTH OF Ge-DOPED Sb2Te3 THIN FILMS BY METAL-ORGANIC CHEMICAL VAPOR DEPOSITION. Integrated Ferroelectrics, 2007, 90, 80-87.	0.7	6
209	Electrical Properties of Bi[sub 2]Mg[sub 2/3]Nb[sub 4/3]O[sub 7] Multilayer Films Combined with Percolative Capacitors. Journal of the Electrochemical Society, 2009, 156, G134.	2.9	6
210	Dielectric Bi[sub 3]NbO[sub 7] Thin Films Deposited on Polymer Substrates by Nanocluster Deposition for Flexible Electronic Device Applications. Electrochemical and Solid-State Letters, 2009, 12, G23.	2.2	6
211	Enhanced Photoelectrochemical Activity from Visible Light by Growing CdS/ITO Nanocomposites onto Single-Walled Carbon Nanotubes. Journal of the Electrochemical Society, 2013, 160, H192-H196.	2.9	6
212	Observation of chemical separation of In3Sb1Te2 thin film during phase transition. Applied Surface Science, 2014, 292, 986-989.	6.1	6
213	Enhancement of solar cell efficiency using perovskite dyes deposited via a two-step process. RSC Advances, 2015, 5, 33515-33523.	3.6	6
214	Analysis of Thermal Conductivity of Antimony Telluride Thin Films by Modified Callaway and Sondheimer Models. Journal of Nanoscience and Nanotechnology, 2016, 16, 7567-7572.	0.9	6
215	Gas-Sensing Properties of ZnO Nanorods at Room Temperature Under Continuous UV Illumination in Humid Air. Journal of Nanoscience and Nanotechnology, 2016, 16, 10346-10350.	0.9	6
216	Large-area thin-film capacitors deposited onto graphene bottom electrodes via facing-target sputtering that is free of plasma damage. Journal of Alloys and Compounds, 2017, 695, 2886-2893.	5.5	6

#	Article	IF	Citations
217	High-Performance Flexible Ultraviolet Photodetectors Based on Facilely Synthesized Ecofriendly ZnAl:LDH Nanosheets. ACS Applied Materials & Interfaces, 2021, 13, 61434-61446.	8.0	6
218	Effect of annealing conditions on the microstructure of RuO2 thin films deposited by metalorganic chemical vapor deposition. Integrated Ferroelectrics, 1997, 18, 171-182.	0.7	5
219	Preparation of ferroelectric YMnO3 thin films for nonvolatile memory devices by metalorganic chemical vapor deposition. Integrated Ferroelectrics, 1998, 21, 319-329.	0.7	5
220	Ferroelectric SrBi2Ta2O9 thin films deposited by liquid injection MOCVD using novel bimetallic alkoxide precursor. Integrated Ferroelectrics, 2000, 30, 27-36.	0.7	5
221	Low-temperature Crystallization of SrBi₂Ta₂O₉ Thin Filmswith Bi₂O₃ Interfacial Layers by Liquid-delivery Metalorganicchemical Vapor Deposition. Journal of Materials Research, 2002, 17, 26-30.	2.6	5
222	Improvement of electrochemical properties in LiCoO2 cathode films grown on Ptâˆ•TiO2âˆ•SiO2âˆ•Si substrates by liquid-delivery metalorganic chemical vapor deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2004, 22, 2356-2360.	2.1	5
223	Effect of cerium concentration on the structural and ferroelectric properties of Bi[sub 4â^'x]Ce[sub x]Ti[sub 3]O[sub 12] thin films for ferroelectric random access memories. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 1029.	1.6	5
224	PLASMA-ENHANCED ATOMIC LAYER DEPOSITION OF ULTRATHIN Ga2O3-TiO2 GATE DIELECTRICS ON Si (001) Substrates. Integrated Ferroelectrics, 2005, 74, 181-187.	0.7	5
225	Effect of substrate temperature on structural and electrical properties of liquid-delivery metal organic chemical vapor deposited indium oxide thin films on silicon. Journal of Vacuum Science & Technology B, 2008, 26, 909.	1.3	5
226	Conduction Properties and a Long-Term Stability of the Transparent Capacitors. Journal of the Electrochemical Society, 2010, 157, G258.	2.9	5
227	Structural Properties of Phase-Change InSbTe Thin Films Grown at a Low Temperature by Metalorganic Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2011, 11, 189-194.	0.9	5
228	Transparent Nanoscale Floating Gate Memory Using Selfâ€Assembled Bismuth Nanocrystals in Bi₂Mg_{2/3}Nb_{4/3}O₇ (BMN) Pyrochlore Thin Films Grown at Room Temperature. Advanced Materials, 2012, 24, 3396-3400.	21.0	5
229	Enhanced reproducibility of the high efficiency perovskite solar cells via a thermal treatment. RSC Advances, 2015, 5, 52571-52577.	3.6	5
230	Microstructural and electrical properties of lead-free 0.5Ba(Zr0.2Ti0.8)O3â€“0.5(Ba0.7Ca0.3)TiO3 (BZTâ€“BCT) epitaxial films grown on Si (0 0 1) substrates. Scripta Materialia, 2015, 108, 96-99.	5.2	5
231	Study on Proton Radiation Resistance of 410 Martensitic Stainless Steels under 3 MeV Proton Irradiation. Journal of Magnetics, 2016, 21, 183-186.	0.4	5
232	Title is missing!. Journal of Materials Science, 1998, 33, 2851-2855.	3.7	4
233	The zirconium doped (Ba0.65Sr0.35)(Ti1â^'xZrx)O3 thin films for gbit-scale dynamic random access memory device applications. Integrated Ferroelectrics, 1999, 24, 65-74.	0.7	4
234	Electrical properties of hafnium oxide gate dielectric deposited by plasma enhanced chemical vapor deposition. Integrated Ferroelectrics, 2001, 38, 191-199.	0.7	4

#	Article	IF	Citations
235	Influence of Narrow Transverse Slit in Ferroelectric Based Voltage Tunable Phase Shifter. Japanese Journal of Applied Physics, 2002, 41, 7218-7221.	1.5	4
236	Phase Formations and Electrical Properties of Bi3.15La0.85Ti3O12and Sm-Doped Bi3.073La0.85Sm0.077Ti3O12Thin Films with Annealing Temperature. Japanese Journal of Applied Physics, 2004, 43, 6594-6598.	1.5	4
237	Effect of Li[sub 0.5]La[sub 0.5]TiO[sub 3] solid electrolyte films on electrochemical properties of LiCoO[sub 2] thin film cathodes with different rapid-thermal annealing conditions. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 2089.	1.6	4
238	Ferromagnetic and electrical properties in ferromagnetic semiconductor Ti1âˆ'xCoxO2âˆ'Î´:Sb thin films grown by pulsed laser deposition. Journal of Applied Physics, 2005, 97, 10D326.	2.5	4
239	GATE DIELECTRICS Bi2Mg2/3Nb4/3O7 THIN FILMS DEPOSITED BY PULSED LASER DEPOSITION FOR ORGANIC THIN FILM TRANSISTOR APPLICATIONS. Integrated Ferroelectrics, 2006, 86, 41-47.	0.7	4
240	CHARACTERISTICS OF BISMUTH-BASED THIN FILMS DEPOSITED DIRECTLY ON POLYMER SUBSTRATES FOR EMBEDDED CAPACITOR APPLICATION. Integrated Ferroelectrics, 2007, 95, 187-195.	0.7	4
241	Thermal stability of GeSbTe thin films deposited by layer-by-layer metalorganic chemical vapor deposition. Journal of Vacuum Science & Technology B, 2009, 27, L54.	1.3	4
242	Phase Change Memory using InSbTe Chalcogenide Materials Deposited by Metal-organic Chemical Vapor Deposition. ECS Transactions, 2009, 25, 1129-1133.	0.5	4
243	Layerâ€byâ€Layer Growth of GeSbTe Thin Films by Metalâ€Organic CVD for Phase Change Memory Applications. Chemical Vapor Deposition, 2009, 15, 296-299.	1.3	4
244	Thermoelectric properties of nanocomposite n-type Cr2O3/Cr thin films deposited by a reactive sputtering. Vacuum, 2017, 140, 71-75.	3.5	4
245	Unprecedented flexibility of in-situ layer-by-layer stacked graphene with ultralow sheet resistance. Nano Today, 2021, 37, 101105.	11.9	4
246	Oxidation of CVD Î²-SiC in Impurity-Controlled Helium Environment at 950â„ƒ. Journal of the Korean Ceramic Society, 2011, 48, 426-432.	2.3	4
247	(Ba,Sr)RuO 3 Bottom Electrode Deposited by Liqud Delivery Metalorganic Chemical Vapor Deposition for (Ba,Sr)TiO 3 High Dielectric. Ferroelectrics, 2002, 271, 111-116.	0.6	3
248	The Tunable Characteristics of Ni-Doped (Ba 0.5 Sr 0.5)TiO 3 Thin Films Deposited onto MOCVD-(Ba 0.5) Tj ETQq0 0 0 rgBT /Overlock 1	0.7	3
249	Laser Treatment at Room Temperature for Improvement of Dielectric Properties in Plasma-Enhanced Atomic Layer Deposited TiO2 Thin Films. Integrated Ferroelectrics, 2004, 68, 63-73.	0.7	3
250	Characteristics of Ti0.97Co0.03O2:Sb0.01 dilute magnetic semiconducting thin films deposited at 500Â°C by pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2006, 304, e140-e142.	2.3	3
251	Interfacial and electrical properties of ZrxTi1âˆ'xO4â€ˆ(x=0.66) films deposited by liquid-delivery metal organic chemical vapor deposition to be used as high-k gate dielectric. Journal of Vacuum Science & Technology B, 2008, 26, 1338-1343.	1.3	3
252	Transparent Bi[sub 3]NbO[sub 7] Dielectrics Grown on Flexible Polymer Substrates by Nanocluster Deposition. Electrochemical and Solid-State Letters, 2009, 12, G72.	2.2	3

#	Article	IF	Citations
253	Epitaxial SrRuO3 thin films deposited on SrO buffered-Si(001) substrates for ferroelectric Pb(Zr0.2Ti0.8)O3 thin films. Metals and Materials International, 2009, 15, 89-94.	3.4	3
254	Control of the shielding and the transmission of an electro-magnetic wave (âˆ¼GHz) by a visible light using flexible CdS films grown on polymer substrates. Sensors and Actuators B: Chemical, 2010, 147, 67-72.	7.8	3
255	Conformal Properties of InSbTe Thin Films Grown at a Low Temperature by MOCVD for PRAM Applications. Journal of the Electrochemical Society, 2010, 157, D353.	2.9	3
256	Magnetic resonance absorption in isolated metal/insulator/metal nanodot arrays with transmission geometry. Current Applied Physics, 2015, 15, 844-849.	2.4	3
257	Thermoelectric Properties of n-Type Bismuth Telluride (Bi₂Te₃) Thin Films Prepared by RF Sputtering. Science of Advanced Materials, 2016, 8, 1172-1176.	0.7	3
258	Microwave Tunable Properties of Ni-Doped (Ba 0.5 Sr 0.5)TiO 3 Thin Films Grown by Pulsed Laser Deposition. Integrated Ferroelectrics, 2003, 55, 877-885.	0.7	3
259	Diffusion-enhanced preferential growth of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e570" altimg="si37.svg"><mml:mi>m</mml:mi></mml:math>-oriented GaN micro-domains on directly grown graphene with a large domain size on Ti/SiO2/Si(001). Materials Today Communications, 2022, 30, 103113.	1.9	3
260	Effects of SrF2 phase on electrical properties of SrTiO3 thin films deposited by plasma-enhanced metalorganic chemical vapor deposition. Integrated Ferroelectrics, 1997, 14, 105-113.	0.7	2
261	Effect of bismuth on the ferroelectric properties of SrBi2Ta2O9 thin films deposited on Pt/SiO2/Si by a modified radio-frequency magnetron sputtering technique. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2505-2509.	2.1	2
262	Effects of bottom electrodes on the leakage properties of sputtered BST thin films. Integrated Ferroelectrics, 1998, 21, 185-195.	0.7	2
263	Characteristics of Pt/YMnO[sub 3]/Y[sub 2]O[sub 3]/Si structure using a Y[sub 2]O[sub 3] buffer layer grown by pulsed laser deposition. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 239.	1.6	2
264	Imprint Characteristics Of SrBi 2 Ta 2 O 9 Thin Films Deposited by Liquid-Delivery Metal Organic Chemical Vapor Deposition. Ferroelectrics, 2002, 271, 341-346.	0.6	2
265	Structural Stability of (Ba,Sr)RuO 3 Electrodes on Hydrogen Annealing and Effect of interfacial Layers in (Ba,Sr)TiO 3 Thin Films. Integrated Ferroelectrics, 2002, 47, 31-40.	0.7	2
266	Thermal properties of poly(vinyl alcohol)/poly(diallyldi-methylammonium chloride) interpenetrating polymer networks. Journal of Applied Polymer Science, 2003, 88, 1346-1349.	2.6	2
267	Microwave Tunable Properties of Ni-Doped (Ba0.5Sr0.5)TiO3 Thin Films Grown by Pulsed Laser Deposition. Integrated Ferroelectrics, 2003, 55, 877-885.	0.7	2
268	Diluted Magnetic Semiconducting Ti[sub 1âˆ’x]Co[sub x]O[sub 2] Thin Films Grown onto SiO[sub 2](200â€‰nm)/Si Substrates by Liquid-Delivery MOCVD. Journal of the Electrochemical Society, 2004, 151, G227.	2.9	2
269	Thickness effect of Pb2Ru2O7âˆ’x conductive interfacial layers on ferroelectric properties of Pt/Pb(Zr0.35Ti0.65)O3/Pt capacitors. Thin Solid Films, 2004, 468, 100-104.	1.8	2
270	FERROELECTRIC PROPERTIES OF ULTRA-THIN EPITAXIAL Pb(Zr0.2Ti0.8)O3 THIN FILMS GROWN ON SrRuO3/SrTiO3 SUBSTRATES. Integrated Ferroelectrics, 2005, 73, 125-132.	0.7	2

#	Article	IF	Citations
271	Thermal Treatment of Ag/Ag-Doped (Ge[sub 45]Te[sub 55])[sub 0.7]N[sub 0.3] Electrolyte Films in Switching Characteristics of Programmable Metallization Cell Memory. Journal of the Electrochemical Society, 2007, 154, H853.	2.9	2
272	Characterization of Photoconductive Amorphous Si:H Films for Photoconducting Sensor Applications. Electrochemical and Solid-State Letters, 2007, 10, H284.	2.2	2
273	Bismuthâ€metal nanocrystals selfâ€embedded in highâ€k Biâ€based pyrochlore dielectrics grown at room temperature. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 932-936.	1.8	2
274	Enhanced Dielectric Permittivity of the Bi2Mg2/3Nb4/3O7-Bi Nano-Composite Amorphous Films Grown at Room Temperature. Journal of the Electrochemical Society, 2012, 159, G62-G66.	2.9	2
275	Enhancement of Temperature Sensitivity for Metalâ€“Insulatorâ€“Semiconductor Temperature Sensors by Using Bi$_{2}$Mg$_{2/3}$Nb$_{4/3}$O$_{7}$ Film. Japanese Journal of Applied Physics, 2012, 51, 080206.	1.5	2
276	Wrinkle-free graphene electrodes in zinc tin oxide thin-film transistors for large area applications. Nanotechnology, 2017, 28, 075205.	2.6	2
277	Er 0.4 Bi 1.6 O 3 thin films in situ crystallized at low temperature onto the Gd 0.1 Ce 0.9 O 1.95 bulk electrolytes via Facing-Target Sputtering. Current Applied Physics, 2017, 17, 751-755.	2.4	2
278	Efficiency Enhancement of Hole-Conductor Free Perovskite Solar Cells. Journal of Nanoscience and Nanotechnology, 2017, 17, 8067-8074.	0.9	2
279	Precise Determination of the Temperature Gradients in Laser-irradiated Ultrathin Magnetic Layers for the Analysis of Thermal Spin Current. Scientific Reports, 2018, 8, 11337.	3.3	2
280	Deposition of Î²-SiC by a LPCVD Method and the Effect of the Crystallographic Orientation on Mechanical Properties. Journal of the Korean Ceramic Society, 2013, 50, 43-49.	2.3	2
281	Effect of the Thickness and the Annealing Conditions of the Catalytic Ni Films on the Graphene Films Grown by a Rapid-Thermal Pulse CVD. Korean Journal of Materials Research, 2011, 21, 78-82.	0.2	2
282	Effect of rf power on the growth and electrical properties of SrBi2Ta2O9 thin films by plasma-enhanced metalorganic chemical vapor deposition. Integrated Ferroelectrics, 1999, 26, 153-161.	0.7	1
283	Integration of Pt/Ru electrode structures by metalorganic chemical-vapor deposition on poly-Si/SiO[sub 2]/Si. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 262.	1.6	1
284	Bottom electrode structures of Pt/Ru and Ru deposited on polycrystalline silicon by MOCVD for DRAM capacitor. Integrated Ferroelectrics, 2000, 31, 297-304.	0.7	1
285	Tunable characteristics of (Ba0.5Sr0.5) TiO3 (BST) capacitors using (Ba0.5Sr0.5) RuO3 (BSR) interfacial layers onto Pt/Ti/SiO2/Si substrates. Metals and Materials International, 2001, 7, 631-635.	3.4	1
286	The Role of Bi 2 O 3 Interfacial Layer in Improvement of Ferroelectric Properties of SrBi 2 Ta 2 O 9 Thin Films Deposited by Liquid-Delivery MOCVD. Integrated Ferroelectrics, 2002, 46, 205-214.	0.7	1
287	Effect of Oxygen Flow Rate on Microstructural and Ferromagnetic Properties of Ti[sub 1â^'x]Co[sub x]O[sub 2] Thin Films Grown by Liquid-Delivery MOCVD. Electrochemical and Solid-State Letters, 2003, 6, C120.	2.2	1
288	Characterization of smart hydrogels for biometric sensors and actuators. , 0, , .		1

#	Article	IF	Citations
289	NiCr Alloy As Both Absorption Layer and Top Electrode onto Pb(Zr0.3Ti0.7)O3 Thin Films for Infrared Sensors. Integrated Ferroelectrics, 2003, 54, 741-746.	0.7	1
290	NiCr Alloy As Both Absorption Layer and Top Electrode onto Pb(Zr 0.3 Ti 0.7)O 3 Thin Films for Infrared Sensors. Integrated Ferroelectrics, 2003, 54, 741-746.	0.7	1
291	Electrical characterizations of smart hydrogel based on alginate/poly (diallyldimethylammonium) Tj ETQq1 1 0.784314 rgBT /Overlock		1
292	EFFECT OF NITROGEN INCORPORATION ON ELECTRICAL PROPERTIES OF HIGH-K NANOMIXED HfxAlyOz FILM CAPACITORS GROWN ON RU METAL ELECTRODES BY ATOMIC LAYER DEPOSITION. Integrated Ferroelectrics, 2005, 74, 131-136.	0.7	1
293	Effect of Pb2Ru2O7-x (PRO) conductive interfacial layers on ferroelectric properties of Pt/Pb(Zr0.35Ti0.65)O3/Pt capacitors for nonvolatile memory applications. Applied Physics A: Materials Science and Processing, 2005, 81, 855-859.	2.3	1
294	Densification Behavior and Microstructure Evolution of SiC_f/SiC Composites Incorporated with In Situ Grown SiC Nanowires. Solid State Phenomena, 2007, 124-126, 711-714.	0.3	1
295	Switching Characteristics of Copper-Doped GexTe1-x Solid Electrolyte Films Incorporated by Nitrogen for Programmable Metallization Cell Memory Applications. Metals and Materials International, 2008, 14, 487-491.	3.4	1
296	Crystallized Indium-Tin Oxide Composites Grown onto Single-Walled Carbon Nanotubes at a Low Temperature by Nanocluster Deposition. Journal of the Electrochemical Society, 2012, 159, K111-K115.	2.9	1
297	Enhancement of the Photo-Response Properties of the Flexible CdS Films by an Application of Electrical Field. Journal of the Electrochemical Society, 2012, 159, J205-J208.	2.9	1
298	Photo-Response Switching of Flexible CdS Films Using Visible Light and Electric Field. ECS Journal of Solid State Science and Technology, 2012, 1, Q135-Q139.	1.8	1
299	Thin-film multi-layer capacitors using Bi2Mg2/3Nb4/3O7 (BMNO) pyrochlore thin films via radio-frequency sputtering. Current Applied Physics, 2015, 15, 1384-1388.	2.4	1
300	NiCr Bottom Electrodes for Ta 2 O 5 High Dielectric Thin Films in Metal-Insulator-Metal Capacitors. Integrated Ferroelectrics, 2002, 47, 41-48.	0.7	1
301	Thickness and Grain Size Effects on Thermal Transport of Post-Annealed Antimony Telluride Thin Films. Science of Advanced Materials, 2015, 7, 1594-1598.	0.7	1
302	Thermoelectric Properties of Bi₂Te₃ and Bi_{0.5}Sb_{1.5}Te₃ Thin Films and Their Energy Generating Performance. Science of Advanced Materials, 2016, 8, 1530-1535.	0.7	1
303	Characterization of n-type In3Sb1Te2 and p-type Ge2Sb2Te5 Thin Films for Thermoelectric Generators. Korean Journal of Materials Research, 2017, 27, 89-93.	0.2	1
304	Effect of Deposition Temperature on Microstructure and Hardness of ZrC Coating Layers of TRISO-Coated Particles Fabricated by the FBCVD Method. Journal of the Korean Ceramic Society, 2013, 50, 37-42.	2.3	1
305	Thickness Dependence of the Electrical Properties in NiCr Thin Film Resistors Annealed in a Vacuum Ambient for Ï€ - type Attenuator Applications. Journal of the Korean Institute of Electrical and Electronic Material Engineers, 2006, 19, 712-716.	0.0	1
306	Fracture Behaviors and Mechanical Properties of SiC_f/SiC Composites Prepared by the Whisker Growing Assisted CVI Process. Journal of the Korean Ceramic Society, 2009, 46, 484-487.	2.3	1

#	Article	IF	Citations
307	Characterization of the Crystallized ITO Thin Films Grown at a Low Temperature by Off-axis RF Magnetron Sputtering. Journal of the Korean Institute of Electrical and Electronic Material Engineers, 2011, 24, 126-130.	0.0	1
308	Enhancement of Temperature Sensitivity for Metalâ€“Insulatorâ€“Semiconductor Temperature Sensors by Using Bi2Mg2/3Nb4/3O7Film. Japanese Journal of Applied Physics, 2012, 51, 080206.	1.5	1
309	Effect of SiC Nanorods on Mechanical and Thermal Properties of SiC Composites Fabricated by Chemical Vapor Infiltration. Journal of the Korean Ceramic Society, 2019, 56, 453-460.	2.3	1
310	Transfer-Free, Large-Scale, High-Quality Monolayer Graphene Grown Directly onto the Ti (10) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.2	1
311	Characterization of (Ba0.5Sr0.5)TiO3 thin films deposited onto metalorganic chemical vapor deposited (Ba,Sr)RuO3 (BSR) seed layers for voltage tunable devices. Integrated Ferroelectrics, 2001, 39, 281-289.	0.7	0
312	Electrical Properties of Srta2O6 Thin Films Deposited by Plasma Enhanced Atomic Layer Deposition (Peald). Materials Research Society Symposia Proceedings, 2001, 685, 1.	0.1	0
313	Electrical properties of Pb1-xLax(ZryTi1-y)1-x/4O3 thin films with various iridium-based top electrodes. Integrated Ferroelectrics, 2001, 33, 155-164.	0.7	0
314	Effects of bi2o3 buffer layer on ferroelectric properties of srbi2ta2o9 thin films by liquid-delivery mocvd. Integrated Ferroelectrics, 2001, 36, 295-304.	0.7	0
315	Structural stability of metalorganic chemical vapor deposited (Ba,Sr)RuO3 electrodes for integration of high dielectric memory devices. Integrated Ferroelectrics, 2001, 37, 11-20.	0.7	0
316	Characterization of the CeO2 thin films for insulation layer and Pt/SrBi2Ta2O9/CeO2/Si MFISFET structure. Integrated Ferroelectrics, 2001, 40, 191-199.	0.7	0
317	Thermal properties of poly(vinyl alcohol)/poly(diallyldimethylammonium chloride) interpenetrating polymer networks. Journal of Applied Polymer Science, 2003, 88, 2719-2719.	2.6	0
318	Characterizations of semi-interpenetrating polymer network hydrogels constructed with chitosan and polyacrylonitrile. , 2003, , .		0
319	Electrical behavior of polymer hydrogel composed of poly(vinyl alcohol)/hyaluronic acid in solution. , 2003, 5051, 541.		0
320	Heteroepitaxial Growth and Ferroelectric Properties of PbZr0.52Ti0.48O3/SrRuO3 Structure on TiO2-Terminated SrTiO3 (100) by Pulsed Laser Deposition. Integrated Ferroelectrics, 2004, 64, 183-189.	0.7	0
321	Electrical characterizations of smart hydrogel based on chitosan/poly(diallydimethylammonium) Tj ETQq1 1 0.784314 rgBT /Overlock 10		0
322	Growth and Ferroelectric Characterization of Cerium-Modified Bismuth Titanate Thin Film Deposited on GaN Substrate by Pulsed Laser Deposition. Integrated Ferroelectrics, 2004, 66, 253-260.	0.7	0
323	Polyacrylic acid/poly(vinyl sulfonic acid, sodium salt) copolymer hydrogel actuator under an electric field. , 2004, 5385, 475.		0
324	Synthesis and characteristics of semi-interpenetrating polymer network hydrogels of chitosan and polyaniline. , 2004, 5385, 490.		0

#	Article	IF	Citations
325	High-k Nanomixed Hf[sub x]Al[sub y]O[sub z] Film Capacitors Grown on Ru Metal Electrodes by Atomic Layer Deposition. Electrochemical and Solid-State Letters, 2005, 8, F40.	2.2	0
326	Ti[sub 0.94]Fe[sub 0.06]O[sub 2]âˆ•Ti[sub 0.94]Mn[sub 0.06]O[sub 2] superlattice films deposited on atomic-scale flattened sapphire substrates for dilute magnetic semiconductor applications. Journal of Vacuum Science & Technology B, 2009, 27, 81.	1.3	0
327	Electrical properties of Pb(Mg<inf>1/3</inf>Nb<inf>2/3</inf>)O<inf>3</inf>-PbTiO<inf>3</inf> (PMN-PT) epitaxial films grown on Si substrates. , 2010, , .		0
328	Optical and Dielectric Properties of Transparent Epitaxial GdVO4/n-GaN/Sapphire Heterostructure. Japanese Journal of Applied Physics, 2010, 49, 041101.	1.5	0
329	Growth of the copper oxide nanowires from copper thin films deposited on silicon substrate. , 2010, , .		0
330	Electrical Property and Long-Term Stability of Transparent Capacitors Using Multi-Layer Transparent Conducting Oxide Electrodes. Japanese Journal of Applied Physics, 2011, 50, 035807.	1.5	0
331	A Special Section on Selected Peer-Reviewed Articles from the International Conference on Advanced Electromaterials 2011 (ICAE2011). Journal of Nanoscience and Nanotechnology, 2013, 13, 3254-3259.	0.9	0
332	Localized Surface Plasmon Resonance Coupling in Self-Assembled Ag Nanoparticles by Using 3-Dimensional FDTD Simulation. Korean Journal of Materials Research, 2014, 24, 417-422.	0.2	0
333	Comparative Analysis of Various Photoelectrodes for Dye-Sensitized Solar Cells. Journal of Nanoscience and Nanotechnology, 2015, 15, 9228-9233.	0.9	0
334	Giant figure of merit (ZT) of Ge<inf>2</inf>Sb<inf>2</inf>Te<inf>5</inf> thin films through the control of crystal structure. , 2016, , .		0
335	Thermal Stability and Electrical Properties of HfOxNyGate Dielectrics with TaN Gate Electrode. Transactions on Electrical and Electronic Materials, 2003, 4, 34-37.	1.9	0
336	Electrical Property and Long-Term Stability of Transparent Capacitors Using Multi-Layer Transparent Conducting Oxide Electrodes. Japanese Journal of Applied Physics, 2011, 50, 035807.	1.5	0
337	Effect of Ti Adhesion Layer on the Electrical Properties of BMNO Capacitor Using Graphene Bottom Electrodes. Journal of the Korean Institute of Electrical and Electronic Material Engineers, 2013, 26, 867-871.	0.0	0
338	Characterization of ZTO Thin Films Transistor Deposited by On-axis Sputtering and Facing Target Sputtering(FTS). Korean Journal of Materials Research, 2016, 26, 676-680.	0.2	0
339	TCO-free perovskite solar cells in taking advantage of SWCNT/TiO2 core/shell sponge. Journal of Science: Advanced Materials and Devices, 2022, 7, 100440.	3.1	0
340	Organic/Inorganic Halide Perovskites for Mechanical Energy Harvesting Applications. , 0, , .		0