

Xiangjian Meng

List of Publications by Year in descending order

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128
papers

4,575
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94433

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times ranked

5654
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive and Broadband MoS ₂ Photodetector Driven by Ferroelectrics. <i>Advanced Materials</i> , 2015, 27, 6575-6581.	21.0	722
2	Giant Negative Electrocaloric Effect in Antiferroelectric La-Doped Pb(ZrTi)O ₃ Thin Films Near Room Temperature. <i>Advanced Materials</i> , 2015, 27, 3165-3169.	21.0	241
3	High-Performance Photovoltaic Detector Based on MoTe ₂ /MoS ₂ Van der Waals Heterostructure. <i>Small</i> , 2018, 14, 1703293.	10.0	205
4	Programmable transition metal dichalcogenide homojunctions controlled by nonvolatile ferroelectric domains. <i>Nature Electronics</i> , 2020, 3, 43-50.	26.0	167
5	When Nanowires Meet Ultrahigh Ferroelectric Field-“High-Performance Full-Depleted Nanowire Photodetectors. <i>Nano Letters</i> , 2016, 16, 2548-2555.	9.1	135
6	A Robust Artificial Synapse Based on Organic Ferroelectric Polymer. <i>Advanced Electronic Materials</i> , 2019, 5, 1800600.	5.1	129
7	Ultrasensitive negative capacitance phototransistors. <i>Nature Communications</i> , 2020, 11, 101.	12.8	124
8	MoTe ₂ p-n Homojunctions Defined by Ferroelectric Polarization. <i>Advanced Materials</i> , 2020, 32, e1907937.	21.0	115
9	Ferroelectric Negative Capacitance Field Effect Transistor. <i>Advanced Electronic Materials</i> , 2018, 4, 1800231.	5.1	105
10	Tunnel electroresistance through organic ferroelectrics. <i>Nature Communications</i> , 2016, 7, 11502.	12.8	104
11	Photo-induced ferroelectric switching in perovskite CH ₃ NH ₃ PbI ₃ films. <i>Nanoscale</i> , 2017, 9, 3806-3817.	5.6	86
12	Ferroelectric FET for nonvolatile memory application with two-dimensional MoSe ₂ channels. <i>2D Materials</i> , 2017, 4, 025036.	4.4	85
13	Toward a Reliable Synaptic Simulation Using Al-Doped HfO ₂ RRAM. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10648-10656.	8.0	80
14	Ferroelectric-tuned van der Waals heterojunction with band alignment evolution. <i>Nature Communications</i> , 2021, 12, 4030.	12.8	79
15	Two-dimensional negative capacitance transistor with polyvinylidene fluoride-based ferroelectric polymer gating. <i>Npj 2D Materials and Applications</i> , 2017, 1, .	7.9	77
16	Optoelectronic Properties of Few-Layer MoS ₂ FET Gated by Ferroelectric Relaxor Polymer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32083-32088.	8.0	76
17	Dielectric responses and scaling behaviors in Aurivillius Bi ₆ Ti ₃ Fe ₂ O ₁₈ multiferroic thin films. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	75
18	Ferroelectric switching of elastin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2780-6.	7.1	66

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19	Visible to short wavelength infrared In ₂ Se ₃ -nanoflake photodetector gated by a ferroelectric polymer. <i>Nanotechnology</i> , 2016, 27, 364002.	2.6	63
20	Ultrasensitive Hybrid MoS ₂ –ZnCdSe Quantum Dot Photodetectors with High Gain. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23667-23672.	8.0	62
21	Interface-engineered reliable HfO ₂ -based RRAM for synaptic simulation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12682-12687.	5.5	60
22	A versatile photodetector assisted by photovoltaic and bolometric effects. <i>Light: Science and Applications</i> , 2020, 9, 160.	16.6	56
23	Extremely Low Dark Current MoS ₂ Photodetector via 2D Halide Perovskite as the Electron Reservoir. <i>Advanced Optical Materials</i> , 2020, 8, 1901402.	7.3	55
24	Large-area high quality PtSe ₂ thin film with versatile polarity. <i>Informa-Materials</i> , 2019, 1, 260-267.	17.3	54
25	Above-room-temperature molecular ferroelectric and fast switchable dielectric of diisopropylammonium perchlorate. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9957-9963.	5.5	53
26	Ferroelectric Synaptic Transistor Network for Associative Memory. <i>Advanced Electronic Materials</i> , 2021, 7, 2001276.	5.1	52
27	Hybrid System Combining Two-Dimensional Materials and Ferroelectrics and Its Application in Photodetection. <i>ACS Nano</i> , 2021, 15, 10982-11013.	14.6	52
28	Ferroelectric polymer tuned two dimensional layered MoTe ₂ photodetector. <i>RSC Advances</i> , 2016, 6, 87416-87421.	3.6	51
29	HgCdTe/black phosphorus van der Waals heterojunction for high-performance polarization-sensitive midwave infrared photodetector. <i>Science Advances</i> , 2022, 8, eabn1811.	10.3	50
30	Hopping conduction and low-frequency dielectric relaxation in 5mol% Mn doped (Pb,Sr)TiO ₃ films. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	47
31	Domain stabilization effect of interlayer on ferroelectric poly(vinylidene fluoride-trifluoroethylene) copolymer ultrathin film. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	46
32	Transition of the polarization switching from extrinsic to intrinsic in the ultrathin polyvinylidene fluoride homopolymer films. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	46
33	Synthetically controlling the optoelectronic properties of dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene-alt-diketopyrrolopyrrole-conjugated polymers for efficient solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15316-15325.	10.3	46
34	Processing optimization and sintering time dependent magnetic and optical behaviors of Aurivillius Bi ₅ Ti ₃ FeO ₁₅ ceramics. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	43
35	The Cr-substitution concentration dependence of the structural, electric and magnetic behaviors for Aurivillius Bi ₅ Ti ₃ FeO ₁₅ multiferroic ceramics. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	41
36	Highly Sensitive InSb Nanosheets Infrared Photodetector Passivated by Ferroelectric Polymer. <i>Advanced Functional Materials</i> , 2020, 30, 2006156.	14.9	41

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37	High-performance lead-free two-dimensional perovskite photo transistors assisted by ferroelectric dielectrics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12714-12720.	5.5	39
38	Low-temperature preparation of highly (100)-oriented $\text{Pb}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ thin film by high oxygen-pressure processing. <i>Applied Physics Letters</i> , 2005, 86, 252902.	3.3	33
39	High electric tunability of relaxor ferroelectric Langmuir-Blodgett terpolymer films. <i>Applied Physics Letters</i> , 2008, 93, 192905.	3.3	33
40	Efficient two-terminal artificial synapse based on a network of functionalized conducting polymer nanowires. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9933-9938.	5.5	32
41	Tuning the Crystal Structure and Luminescence of Pyrrolidinium Manganese Halides via Halide Ions. <i>Crystal Research and Technology</i> , 2019, 54, 1800236.	1.3	30
42	Small polaron migration associated multiple dielectric responses of multiferroic DyMnO_3 polycrystal in low temperature region. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	29
43	Gate-Tunable Photodiodes Based on Mixed-Dimensional Te/MoTe_2 Van der Waals Heterojunctions. <i>Advanced Electronic Materials</i> , 2021, 7, 2001066.	5.1	29
44	Temperature dependence of ferroelectric and dielectric properties of $\text{PbZr}_{0.5}\text{Ti}_{0.5}\text{O}_3$ thin film based capacitors. <i>Applied Physics Letters</i> , 2002, 81, 4035-4037.	3.3	28
45	Electrical and mechanical switching of ferroelectric polarization in the 70 nm BiFeO_3 film. <i>Scientific Reports</i> , 2016, 6, 19092.	3.3	28
46	Optical and electrical properties of highly (100)-oriented $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ thin films on the LaNiO_3 buffer layer. <i>Journal of Applied Physics</i> , 2004, 96, 2792-2799.	2.5	26
47	Effect of Fe-doping concentration on microstructure, electrical, and magnetic properties of $\text{Pb}(\text{Zr}_{0.5}\text{Ti}_{0.5})\text{O}_3$ thin films prepared by chemical solution deposition. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	26
48	Fabrication and properties of solution processed all polymer thin-film ferroelectric device. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1510-1513.	2.6	24
49	Temperature-dependent lattice dynamics and electronic transitions in $\text{Pb}(\text{Zr}_{0.93}\text{Ti}_{0.07})\text{O}_3$. <i>Physical Review B</i> , 2015, 91, .	3.2	23
50	Spatial and Frequency Selective Plasmonic Metasurface for Long Wavelength Infrared Spectral Region. <i>Advanced Optical Materials</i> , 2018, 6, 1800337.	7.3	23
51	Multifunctional MoS_2 Transistors with Electrolyte Gel Gating. <i>Small</i> , 2020, 16, e2000420.	10.0	23
52	Photoexcited terahertz conductivity dynamics of graphene tuned by oxygen-adsorption. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	22
53	Electrical and optical properties of $\text{Pb}(\text{Mg}_{1-x}\text{Nb}_x)\text{O}_3$ thin films prepared by chemical solution deposition. <i>Applied Physics Letters</i> , 2005, 87, 072903.	3.3	21
54	Flexible graphene field effect transistor with ferroelectric polymer gate. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	21

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55	Effects of Mn doping on dielectric and ferroelectric properties of (Pb,Sr)TiO ₃ films on (111) Pt/Ti/SiO ₂ /Si substrates. Journal of Applied Physics, 2009, 106, .	2.5	20
56	Temperature dependent optical properties of Mn doped (Pb,Sr)TiO ₃ ferroelectric films in absorption region: Electron-phonon interaction. Journal of Applied Physics, 2010, 108, 114102.	2.5	20
57	Infrared optical properties of LaNiO ₃ -platinized silicon and PbZr _{0.1} Ti _{0.9} O ₃ -LaNiO ₃ -platinized silicon heterostructures. Applied Physics Letters, 2001, 78, 793-795.	3.3	17
58	Changes in the interface capacitance for fatigued lead-zirconate-titanate capacitors. Applied Physics Letters, 2001, 78, 2548-2550.	3.3	17
59	Abnormal polarization switching of relaxor terpolymer films at low temperatures. Applied Physics Letters, 2013, 102, .	3.3	17
60	Evolution of electric field amplitude dependent scaling behaviors in ferroelectric films over a broad temperature range. Applied Physics Letters, 2008, 93, .	3.3	16
61	Electrical characterization of MoS ₂ field-effect transistors with different dielectric polymer gate. AIP Advances, 2017, 7, .	1.3	15
62	The preparation and ferroelectric properties of defect-free ultrathin films of vinylidene fluoride oligomer. Journal of Applied Physics, 2010, 107, 034101.	2.5	14
63	Aging-induced abnormality of dielectric response under dc bias in Ba(Zr, Ti)O ₃ thin films. Applied Physics A: Materials Science and Processing, 2011, 104, 123-128.	2.3	14
64	Low-temperature Processing of High-performance 0.74Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.26PbTiO ₃ Buffered Thin Films on La _{0.6} Sr _{0.4} CoO ₃ Si Substrates for Pyroelectric Arrays Applications. Journal of the American Ceramic Society, 2012, 95, 1367-1371.	3.8	14
65	The creep process of the domain switching in poly(vinylidene fluoride-trifluoroethylene) ferroelectric thin films. Applied Physics Letters, 2013, 103, .	3.3	13
66	Effect of in-plane misfit strains on dielectric and pyroelectric response of poly(vinylidene fluoride-trifluoroethylene) ferroelectric thin films. Applied Physics Letters, 2013, 103, .	2.5	12
67	Self-assembly of reduced graphene oxide at liquid-air interface for organic field-effect transistors. Journal of Materials Chemistry, 2012, 22, 6171.	6.7	12
68	Enhanced dielectric and ferroelectric properties in the artificial polymer multilayers. Applied Physics Letters, 2014, 104, .	3.3	12
69	Evolution of multiple dielectric responses and relaxor-like behaviors in pure and nitrogen-ion-implanted (Ba, Sr)TiO ₃ thin films. Applied Physics Letters, 2014, 104, .	3.3	12
70	β phase instability in poly(vinylidene fluoride/trifluoroethylene) thin films near T_c relaxation temperature. Applied Physics Letters, 2015, 106, .	3.3	12
71	End-Bonded Contacts of Tellurium Transistors. ACS Applied Materials & Interfaces, 2021, 13, 7766-7772.	8.0	12
72	Enhanced ferroelectric and dielectric properties of the P(VDF-TrFE)/Ag nanoparticles composite thin films. Journal of Materials Science: Materials in Electronics, 2014, 25, 3461-3465.	2.2	11

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73	Homogeneous switching mechanism in pure polyvinylidene fluoride ultrathin films. <i>Physical Review B</i> , 2015, 92, .	3.2	11
74	Investigation of interface and bulk fatigue scenarios in sol-gel derived Pb(Zr _{0.5} Ti _{0.5})O ₃ films by asymmetric field driving. <i>Applied Physics Letters</i> , 2000, 77, 898-900.	3.3	10
75	Giant negative electrocaloric effect in PbZrO ₃ /0.88BaTiO ₃ ~0.12Bi(Mg ^{1/2} ,Ti ^{1/2})O ₃ multilayered composite ferroelectric thin film for solid-state refrigeration. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	10
76	A gate-free MoS ₂ phototransistor assisted by ferroelectrics. <i>Journal of Semiconductors</i> , 2019, 40, 092002.	3.7	10
77	Two-dimensional series connected photovoltaic cells defined by ferroelectric domains. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	10
78	Interface engineering of ferroelectric-gated MoS ₂ phototransistor. <i>Science China Information Sciences</i> , 2021, 64, 1.	4.3	10
79	Electric field induced conversion in the nature of the phase transition from the first order to the second order for Langmuir-Boldgett polymer films. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	9
80	Ferroelectric control of magnetism in P(VDF~TrFE)/Co heterostructure. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7502-7506.	2.2	9
81	Ferroelectric properties of gradient doped Y ₂ O ₃ :HfO ₂ thin films grown by pulsed laser deposition. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	9
82	Ferroelectricity and antiferromagnetism in organic~inorganic hybrid (1,4-bis(imidazol-1-ylmethyl)benzene)CuCl ₄ ~H ₂ O. <i>CrystEngComm</i> , 2020, 22, 587-592.	2.6	9
83	The effect of ac field amplitude on the relaxor behaviors in Langmuir~Blodgett terpolymer films. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	8
84	Photodetectors: Ultrasensitive and Broadband MoS ₂ Photodetector Driven by Ferroelectrics (<i>Adv. Mater.</i> 42/2015). <i>Advanced Materials</i> , 2015, 27, 6538-6538.	21.0	8
85	A study on ionic gated MoS ₂ phototransistors. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	8
86	Effect of oxygen to argon ratio on properties of (Ba,Sr)TiO ₃ thin films prepared on LaNiO ₃ /Si substrates. <i>Journal of Applied Physics</i> , 2009, 105, 061637.	2.5	7
87	Threshold fields in the dc bias dependence of dielectric responses of relaxor ferroelectric terpolymer films. <i>Journal of Applied Physics</i> , 2009, 106, 104102.	2.5	7
88	Electronic structure and optical responses of nanocrystalline BiGaO ₃ films: A combination study of experiment and theory. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	7
89	Optoelectronics: High~Performance Photovoltaic Detector Based on MoTe ₂ /MoS ₂ Van der Waals Heterostructure (<i>Small</i> 9/2018). <i>Small</i> , 2018, 14, 1870038.	10.0	7
90	Field Effect Transistors: Ferroelectric Negative Capacitance Field Effect Transistor (<i>Adv. Electron.</i>) Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50 6	5.1	7

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91	Epitaxial growth and phase evolution of ferroelectric La-doped HfO ₂ films. Applied Physics Letters, 2022, 120, .	3.3	7
92	Ferroelectricity of ultrathin ferroelectric Langmuir-Blodgett polymer films on conductive LaNiO ₃ electrodes. Materials Letters, 2011, 65, 1989-1991.	2.6	6
93	Spectroscopic-ellipsometry characterization of the interface layer of PbZr _{0.40} Ti _{0.60} O ₃ /LaNiO ₃ /Pt multilayer thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2004, 22, 1152-1157.	2.1	5
94	Study on the Ferroelectric Thin Films for Uncooled Infrared Detection. Ferroelectrics, 2007, 352, 12-24.	0.6	5
95	Unipolar poling-induced high switching speed and improved imprint behaviors for poly(vinylidene fluoride)/Langmuir-Blodgett polymer films. Applied Physics Letters, 2011, 98, 123101.	3.3	5
96	Optical Properties of Sol-Gel Derived PbTiO ₃ and PbZr _{1-x} Ti _{3x} Ferroelectric Thin Films. Materials Research Society Symposia Proceedings, 1998, 541, 723.	0.1	4
97	Title is missing!. Journal of Materials Science Letters, 2000, 19, 1767-1769.	0.5	4
98	LOW-TEMPERATURE PREPARATION OF Pb(ZrxTi1-x)O ₃ THIN FILM. Integrated Ferroelectrics, 2006, 81, 123-128.	0.7	3
99	Highly Temperature Stable Dielectric Properties of Nanograin Barium Strontium Titanate Thin Films Grown on Silicon Substrate. Journal of the American Ceramic Society, 2009, 92, 2795-2797.	3.8	3
100	EFFECT OF SPUTTERING WORKING PRESSURE ON MICROSTRUCTURES AND PROPERTIES OF PZT THIN FILMS. Integrated Ferroelectrics, 2010, 113, 31-40.	0.7	3
101	The Optical Dispersion of Langmuir-Blodgett Terpolymer Films. Ferroelectrics, 2010, 405, 120-125.	0.6	3
102	Antiferroelectric Thin Films: Giant Negative Electrocaloric Effect in Antiferroelectric La-Doped Pb(ZrTi)O ₃ Thin Films Near Room Temperature (Adv. Mater. 20/2015). Advanced Materials, 2015, 27, 3164-3164.	21.0	3
103	Preparation of La _{0.67} Ca _{0.23} Sr _{0.1} MnO ₃ thin films with interesting electrical and magnetic properties via pulsed-laser deposition. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	3
104	Multimode Signal Processor Unit Based on the Ambipolar WSe ₂ -Cr Schottky Junction. ACS Applied Materials & Interfaces, 2019, 11, 38895-38901.	8.0	3
105	Ferroelectric Synapses: A Robust Artificial Synapse Based on Organic Ferroelectric Polymer (Adv.) Applied Physics Letters, 2011, 98, 123101.	5.1	3
106	Study of Properties of Urea and L-Alanine Doped Triglycine Sulfate (UrLATGS) Crystals. Journal of Infrared, Millimeter and Terahertz Waves, 2001, 22, 329-334.	0.6	2
107	Magnetic Field Induced Dielectric and Ferroelectric Behaviors in Pb(Zr _{0.5} Ti _{0.5})O ₃ /CoFe ₂ O ₄ -3 Thick Composite Films. Ferroelectrics, 2010, 410, 50-58.	0.6	2
108	Pyromellitic Diimide-Benzodithiophene Copolymer for Polymer Solar Cells: Effect of Side Chain Length and Thiophene Bridge on Optical and Electronic Properties. Molecular Crystals and Liquid Crystals, 2014, 604, 151-163.	0.9	2

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109	Structural, electrical and magnetic properties of (110)-oriented BF-BZT-ST Films. <i>Ceramics International</i> , 2018, 44, 9053-9057.	4.8	2
110	Ultrabroad-Spectrum Photodetectors: Multimechanism Synergistic Photodetectors with Ultrabroad Spectrum Response from 375 nm to 10 Åµm (Adv. Sci. 15/2019). <i>Advanced Science</i> , 2019, 6, 1970089.	11.2	2
111	The Influence Mechanism of Temperature and Storage Period on Polarization Properties of Poly (Vinylidene Fluoride-Trifluoroethylene) Ultrathin Films. <i>Membranes</i> , 2021, 11, 301.	3.0	2
112	Ferroelectricity of weak-polar organic molecules in alternate Langmuir-Blodgett multilayer films. <i>Science Bulletin</i> , 2003, 48, 2176-2179.	1.7	1
113	STRUCTURES AND PROPERTIES OF PZT(52/48) THIN FILMS WITH DIFFERENT SUBSTRATE TEMPERATURE AND OXYGEN PERCENTAGE IN MIXED Ar AND O ₂ GAS ON LNO/Si (100) BY SPUTTERING. <i>Integrated Ferroelectrics</i> , 2010, 113, 63-71.	0.7	1
114	The Ferroelectric Properties and the Ultraviolet-Near Infrared Optical Response of 0.5 mol% Mn Doped (Pb, Sr)TiO ₃ Thin Films. <i>Ferroelectrics</i> , 2010, 411, 9-14.	0.6	1
115	Structure and dielectric properties of 80%Pb(Zn _{1/3} Nb _{2/3})O ₃ -20%PbTiO ₃ thin films prepared by modified sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 60, 164-169.	2.4	1
116	Design and synthesis of pyromellitic diimide-based donor-acceptor conjugated polymers for photovoltaic application. <i>Polymers for Advanced Technologies</i> , 2014, 25, 809-815.	3.2	1
117	Diffuse Phase Transition and Relaxor-Like Behavior in P(VDF-TrFE-CFE) Films Irradiated with Different Electron Dose. <i>Ferroelectrics</i> , 2015, 488, 140-147.	0.6	1
118	Bent Deformation's Impact on Ferroelectric and Pyroelectric Properties of the P(VDF-TrFE) Thin Films. <i>Ferroelectrics</i> , 2015, 488, 154-161.	0.6	1
119	Effects of Electron Irradiation on the Dielectric Behavior of Langmuir-Blodgett Terpolymer Films. <i>Ferroelectrics</i> , 2015, 478, 81-87.	0.6	1
120	Memory properties of metal-ferroelectric-semiconductor structure. <i>Ferroelectrics</i> , 2001, 253, 239-245.	0.6	0
121	The Debye-like relaxation mechanism in poly(vinylidene fluoride-trifluoroethylene) ferroelectric polymers. <i>Journal of Applied Physics</i> , 2009, 106, 104113.	2.5	0
122	Structure Change of Poly(Vinylidene Fluoride-Trifluoroethylene) Ferroelectric Thin Films on Different Electrodes. <i>Ferroelectrics</i> , 2010, 405, 183-187.	0.6	0
123	A Sharp Peak of the Differential Conductivity of P(VDF-TrFe) Films Near the Coercive Field. <i>Ferroelectrics</i> , 2010, 405, 133-137.	0.6	0
124	Enhanced Physical Properties of Ferroelectric Poly(Vinylidene Fluoride Trifluoroethylene) Copolymer Capacitor with NiFe Electrodes. <i>Ferroelectrics</i> , 2011, 423, 141-149.	0.6	0
125	Relationships Between Ac Dielectric Nonlinearities and Molecular Conformations in Ferroelectric Langmuir-Blodgett Polymer Films. <i>Ferroelectrics</i> , 2011, 423, 150-156.	0.6	0
126	Competing conduction mechanisms of two-dimensional electrons and bulk-like electrons in the n-type surface of the naturally oxidized p-type HgCdTe thin film. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 703-707.	2.3	0

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127	Properties of Tunability and Stored Energy Density in the Ferroelectric Multilayers. <i>Ferroelectrics</i> , 2015, 488, 112-118.	0.6	0
128	Functionalities enhancement by an anisotropic strain competition. <i>Ferroelectrics</i> , 2021, 583, 264-277.	0.6	0