

# Minu Kim

## List of Publications by Year in descending order

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145  
papers

8,766  
citations

66234

42  
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42291

92  
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149  
all docs

149  
docs citations

149  
times ranked

9072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanum-substituted bismuth titanate for use in non-volatile memories. Nature, 1999, 401, 682-684.	13.7	2,119
2	Direct imaging of the coexistence of ferromagnetism and superconductivity at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> interface. Nature Physics, 2011, 7, 767-771.	6.5	765
3	Giant Flexoelectric Effect in Ferroelectric Epitaxial Thin Films. Physical Review Letters, 2011, 107, 057602.	2.9	369
4	Resistive switching phenomena: A review of statistical physics approaches. Applied Physics Reviews, 2015, 2, .	5.5	338
5	Random Circuit Breaker Network Model for Unipolar Resistance Switching. Advanced Materials, 2008, 20, 1154-1159.	11.1	330
6	Polarity control of carrier injection at ferroelectric/metal interfaces for electrically switchable diode and photovoltaic effects. Physical Review B, 2011, 84, .	1.1	279
7	Dominant Mobility Modulation by the Electric Field Effect at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> interface. Physical Review Letters, 2009, 103, 226802.	2.9	246
8	Two-dimensional normal-state quantum oscillations in a superconducting heterostructure. Nature, 2009, 462, 487-490.	13.7	222
9	Spin-orbit coupling in iridium-based 5d compounds probed by x-ray absorption spectroscopy. Nature Physics, 2011, 7, 767-771.	1.1	187
10	Temperature dependence of the electronic structure of the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> interface. Physical Review Letters, 2009, 103, 226802.	1.1	149
11	Effects of heat dissipation on unipolar resistance switching in Pt/NiO/Pt capacitors. Applied Physics Letters, 2008, 92, .	1.5	146
12	Built-in voltages and asymmetric polarization switching in Pb(Zr,Ti)O <sub>3</sub> thin film capacitors. Applied Physics Letters, 1998, 72, 3380-3382.	1.5	108
13	Multiple conducting carriers generated in LaAlO <sub>3</sub> /SrTiO <sub>3</sub> heterostructures. Applied Physics Letters, 2009, 95, .	1.5	104
14	ac dynamics of ferroelectric domains from an investigation of the frequency dependence of hysteresis loops. Physical Review B, 2010, 82, .	1.1	96
15	Topotactic Metal-Insulator Transition in Epitaxial SrFeO <sub>x</sub> Thin Films. Advanced Materials, 2017, 29, 1606566.	11.1	96
16	Thickness-dependent structural phase transition of strained SrRuO <sub>3</sub> ultrathin films: The role of octahedral tilt. Physical Review B, 2011, 84, .	1.1	94
17	Controlled manipulation of oxygen vacancies using nanoscale flexoelectricity. Nature Communications, 2017, 8, 615.	5.8	93
18	Electronic structures of layered perovskite Sr <sub>2</sub> MO <sub>4</sub> (M=Ru, Rh, and Ir). Physical Review B, 2006, 74, .	1.1	91

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19	Scaling behaviors of reset voltages and currents in unipolar resistance switching. Applied Physics Letters, 2008, 93, .	1.5	83
20	Localized electronic states induced by defects and possible origin of ferroelectricity in strontium titanate thin films. Applied Physics Letters, 2009, 94, .	1.5	80
21	Different fatigue behaviors of SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> and Bi <sub>3</sub> TiTaO <sub>9</sub> films: Role of perovskite layers. Applied Physics Letters, 1999, 75, 2644-2646.	1.5	74
22	Spectral Evolution in (Ca,Sr)RuO <sub>3</sub> near the Mott-Hubbard Transition. Physical Review Letters, 1999, 82, 5321-5324.	2.9	69
23	In-plane grain boundary effects on the magnetotransport properties of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> . Applied Physics Letters, 1998, 72, 1113-1115.	1.5	67
24	Enhanced flexoelectricity at reduced dimensions revealed by mechanically tunable quantum tunnelling. Nature Communications, 2019, 10, 537.	5.8	64
25	Structural and electro-optic properties of pulsed laser deposited Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films on MgO. Applied Physics Letters, 1993, 63, 2198-2200.	1.5	63
26	Nanoscale Observation of Time-Dependent Domain Wall Pinning as the Origin of Polarization Fatigue. Advanced Functional Materials, 2012, 22, 2310-2317.	7.8	62
27	Imprint failures and asymmetric electrical properties induced by thermal processes in epitaxial Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films. Journal of Applied Physics, 1998, 84, 4428-4435.	1.1	59
28	Domain wall motion in epitaxial Pb(Zr,Ti)O <sub>3</sub> capacitors investigated by modified piezoresponse force microscopy. Applied Physics Letters, 2008, 92, .	1.5	59
29	Flexoelectric Rectification of Charge Transport in Strain-Graded Dielectrics. Nano Letters, 2012, 12, 6436-6440.	4.5	57
30	Structural and electro-optic properties of laser ablated Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films on SrTiO <sub>3</sub> (100) and SrTiO <sub>3</sub> (110). Applied Physics Letters, 1992, 61, 1516-1518.	1.5	53
31	Growth and properties of c-axis textured La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> films on SiO <sub>2</sub> /Si substrates with a Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> template layer. Applied Physics Letters, 1997, 70, 1763-1765.	1.5	53
32	Leakage current behaviors in rapid thermal annealed Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films. Applied Physics Letters, 1994, 65, 1525-1527.	1.5	52
33	Enhancing the electron mobility via delta-doping in SrTiO <sub>3</sub> . Applied Physics Letters, 2010, 97, .	1.5	52
34	Low-temperature growth of epitaxial LiNbO <sub>3</sub> films on sapphire (0001) substrates using pulsed laser deposition. Applied Physics Letters, 1995, 67, 43-45.	1.5	49
35	Intrinsic spin-orbit coupling in superconducting $\text{SrTiO}_3$ doped with $\text{Bi}$ heterostructures. Physical Review B, 2012, 86, .	1.1	49
36	Electronic structure and insulating gap in epitaxial VO <sub>2</sub> polymorphs. APL Materials, 2015, 3, .	2.2	47

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37	Control of epitaxial growth of pulsed laser deposited LiNbO <sub>3</sub> films and their electro-optic effects. Applied Physics Letters, 1996, 68, 472-474.	1.5	46
38	Fermi Surface and Superconductivity in Low-Density High-Mobility $\text{SrTiO}_3$ -Doped $\text{SrTiO}_3$ . Physical Review Letters, 2011, 107, 106801.	2.9	46
39	Scanning SQUID susceptometry of a paramagnetic superconductor. Physical Review B, 2012, 85, .	1.1	46
40	Large 1/f noise of unipolar resistance switching and its percolating nature. Applied Physics Letters, 2009, 95, .	1.5	45
41	Polarization retention in Pb(Zr <sub>0.4</sub> Ti <sub>0.6</sub> )O <sub>3</sub> capacitors with IrO <sub>2</sub> top electrodes. Applied Physics Letters, 2004, 84, 3127-3129.	1.5	44
42	Coexistence of two-dimensional and three-dimensional Shubnikov-de Haas oscillations in Ar-irradiated KTaO <sub>3</sub> . Physical Review B, 2013, 88, .	1.1	44
43	Dual character of magnetism in $\text{EuFe}_2\text{O}_7$ . Optical spectroscopic and density-functional calculation study. Physical Review B, 2010, 81, .	1.1	42
44	Interface-modified random circuit breaker network model applicable to both bipolar and unipolar resistance switching. Applied Physics Letters, 2011, 98, .	1.5	41
45	Continuous Control of Charge Transport in Deficient BiFeO <sub>3</sub> Films Through Local Ferroelectric Switching. Advanced Functional Materials, 2012, 22, 4962-4968.	7.8	40
46	Temperature Evolution of Itinerant Ferromagnetism in $\text{SrRuO}_3$ Probed by Optical Spectroscopy. Physical Review Letters, 2013, 110, 247202.	2.9	38
47	Quantum longitudinal and Hall transport at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> interface at low electron densities. Solid State Communications, 2014, 197, 25-29.	0.9	38
48	Temperature dependence of band gap in MoSe <sub>2</sub> grown by molecular beam epitaxy. Nanoscale Research Letters, 2017, 12, 492.	3.1	38
49	Unraveling the Origin and Mechanism of Nanofilament Formation in Polycrystalline $\text{SrTiO}_3$ Resistive Switching Memories. Advanced Materials, 2019, 31, e1901322.	11.1	38
50	Dimensional crossover of polaron dynamics in $\text{NbS}_2$ . Possible mechanism of thermopower enhancement. Physical Review B, 2010, 82, .	1.1	36
51	$\text{ZnO}/\text{ZnO}$ strongly correlated two-dimensional electron system. Physical Review B, 2012, 85, .	1.1	36
52	Role of Transition Metal in Fast Oxidation Reaction on the Pt <sub>3</sub> TM (111) (TM = Ni, Co) Surfaces. Advanced Energy Materials, 2013, 3, 1257-1261.	10.2	36
53	Scaling Behavior of Spectral Weight Changes in Perovskite Manganites $\text{La}_{0.7}\text{Pr}_y\text{Ca}_{0.3}\text{MnO}_3$ . Physical Review Letters, 1998, 81, 4983-4986.	2.9	35
54	Conversion from unipolar to bipolar resistance switching by inserting Ta <sub>2</sub> O <sub>5</sub> layer in Pt/TaO <sub>x</sub> /Pt cells. Applied Physics Letters, 2011, 98, 183507.	1.5	35

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55	Latent instabilities in metallic LaNiO <sub>3</sub> films by strain control of Fermi-surface topology. Scientific Reports, 2015, 5, 8746.	1.6	34
56	Microspectroscopic detection of local conducting areas generated by electric-pulse-induced phase transition in VO <sub>2</sub> films. Applied Physics Letters, 2007, 91, .	1.5	33
57	Multilevel unipolar resistance switching in TiO <sub>2</sub> thin films. Applied Physics Letters, 2009, 95, .	1.5	33
58	Common Origin of the Circular-Dichroism Pattern in Angle-Resolved Photoemission Spectroscopy of SrTiO <sub>3</sub> and CuBi <sub>2</sub> Se <sub>3</sub> . Physical Review Letters, 2011, 107, 077601.	2.9	33
59	Phase Instability amid Dimensional Crossover in Artificial Oxide Crystal. Physical Review Letters, 2020, 124, 026401.	2.9	32
60	Implementing Room-Temperature Multiferroism by Exploiting Hexagonal-Orthorhombic Morphotropic Phase Coexistence in LuFeO <sub>3</sub> Thin Films. Advanced Materials, 2016, 28, 7430-7435.	11.1	31
61	Variation in superconducting transition temperature due to tetragonal domains in two-dimensionally doped SrTiO <sub>3</sub> . Physical Review B, 2016, 94, .	1.1	30
62	Electric-field-controlled directional motion of ferroelectric domain walls in multiferroic BiFeO <sub>3</sub> films. Applied Physics Letters, 2009, 95, .	1.5	29
63	Suppression of Three-Dimensional Charge Density Wave Ordering via Thickness Control. Physical Review Letters, 2015, 115, 226402.	2.9	28
64	Dimensionality Control of d-orbital Occupation in Oxide Superlattices. Scientific Reports, 2014, 4, 6124.	1.6	28
65	Constructing Polymorphic Nanodomains in BaTiO <sub>3</sub> Films via Epitaxial Symmetry Engineering. Advanced Functional Materials, 2020, 30, 1910569.	7.8	28
66	Leakage current behaviors of epitaxial and preferentially oriented Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films grown on La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> bottom electrodes. Applied Physics Letters, 1995, 66, 3120-3122.	1.5	27
67	Superconductivity in (Ba,K)SbO <sub>3</sub> . Nature Materials, 2022, 21, 627-633.	13.3	27
68	Strong resistance nonlinearity and third harmonic generation in the unipolar resistance switching of NiO thin films. Applied Physics Letters, 2008, 93, .	1.5	26
69	Double polarization hysteresis loop induced by the domain pinning by defect dipoles in HoMnO <sub>3</sub> thin films. Physical Review B, 2010, 81, .	1.1	26
70	Oxygen Vacancy Engineering for Highly Tunable Ferromagnetic Properties: A Case of SrRuO <sub>3</sub> Ultrathin Film with a SrTiO <sub>3</sub> Capping Layer. Advanced Functional Materials, 2020, 30, 2001486.	7.8	26
71	Polarity-dependent kinetics of ferroelectric switching in epitaxial BiFeO <sub>3</sub> (111) capacitors. Applied Physics Letters, 2011, 99, 012905.	1.5	25
72	Magnetotransport effects in polar versus non-polar SrTiO <sub>3</sub> based heterostructures. Physical Review B, 2012, 86, .	1.1	23

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73	Oxygen vacancy-induced topological nanodomains in ultrathin ferroelectric films. Npj Quantum Materials, 2021, 6, .	1.8	23
74	Step bunching-induced vertical lattice mismatch and crystallographic tilt in vicinal BiFeO <sub>3</sub> (001) films. Applied Physics Letters, 2011, 98, .	1.5	22
75	Selective growth of perovskite oxides on SrTiO <sub>3</sub> (001) by control of surface reconstructions. Applied Physics Letters, 2011, 98, .	1.5	22
76	Oxygen vacancy induced re-entrant spin glass behavior in multiferroic ErMnO <sub>3</sub> thin films. Applied Physics Letters, 2008, 93, .	1.5	21
77	Interfacial reactions and resistive switching behaviors of metal/NiO/metal structures. Applied Physics Letters, 2009, 94, 022906.	1.5	21
78	Reduction in high reset currents in unipolar resistance switching Pt/SrTiO <sub>x</sub> /Pt capacitors using acceptor doping. Applied Physics Letters, 2010, 97, 093505.	1.5	21
79	Time-dependent current-voltage curves during the forming process in unipolar resistance switching. Applied Physics Letters, 2011, 98, .	1.5	21
80	Electronic structure and anomalous band-edge absorption feature in multiferroic $MnWO_4$ . An optical spectroscopic study. Physical Review B, 2010, 81, .	1.1	20
81	Two opposite hysteresis curves in semiconductors with mobile dopants. Applied Physics Letters, 2013, 102, .	1.5	20
82	Study of ferroelectric characteristics of diisopropylammonium bromide films. Journal of Applied Physics, 2016, 120, 124107.	1.1	20
83	Time-resolved visualization of the heat flow in VO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> films. Applied Physics Letters, 2007, 90, 051907.	1.5	19
84	Raman scattering studies of the magnetic ordering in hexagonal HoMnO <sub>3</sub> thin films. Journal of Raman Spectroscopy, 2010, 41, 983-988.	1.2	19
85	Flexoelectric control of physical properties by atomic force microscopy. Applied Physics Reviews, 2021, 8, .	5.5	19
86	Asymmetric switching and imprint in (La,Sr)CoO <sub>3</sub> /Pb(Zr,Ti)O <sub>3</sub> /(La,Sr)CoO <sub>3</sub> heterostructures. Integrated Ferroelectrics, 1997, 18, 39-48.	0.3	18
87	Structural characterization of the low-temperature phase in Sr <sub>1-x</sub> Bi <sub>x</sub> TaO <sub>6</sub> films. Applied Physics Letters, 1999, 74, 2690-2692.	1.5	18
88	Neutron scattering study of magnetic excitations in a $5d$ -based double-perovskite Ba <sub>2</sub> FeReO <sub>10</sub> .	1.1	18
89	Defect-related room-temperature ferroelectricity in tensile-strained SrTiO <sub>3</sub> thin films on GdScO <sub>3</sub> (110) substrates. Applied Physics Letters, 2010, 97, .	1.5	17
90	Growth of highly oriented Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> (104) thin films on Al <sub>2</sub> O <sub>3</sub> (0001) substrates using pulsed laser deposition. Applied Physics Letters, 1994, 65, 2780-2782.	1.5	16

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91	FERROELECTRIC SWITCHING DYNAMICS AND PULSE-SWITCHING POLARIZATION MEASUREMENTS. Integrated Ferroelectrics, 2006, 78, 191-197.	0.3	16
92	Impact of vacancy clusters on characteristic resistance change of nonstoichiometric strontium titanate nano-film. Applied Physics Letters, 2014, 104, .	1.5	15
93	Raman scattering studies of hexagonal rare-earth $\text{RMnO}_3$ ( $R = \text{Tb, Dy, Ho, Er}$ ) thin films. Journal of Raman Spectroscopy, 2011, 42, 1774-1779.	1.2	14
94	Suppression of creep-regime dynamics in epitaxial ferroelectric $\text{BiFeO}_3$ films. Scientific Reports, 2015, 5, 10485.	1.6	14
95	Double-layer buffer template to grow commensurate epitaxial $\text{BaBiO}_3$ thin films. APL Materials, 2016, 4, .	2.2	13
96	Mixed Valence and Superconductivity in Perovskite Antimonates. Chemistry of Materials, 2021, 33, 6787-6793.	3.2	12
97	Optical spectroscopy of the carrier dynamics in $\text{LaVO}_3/\text{SrVO}_3$ double-layer superlattices. Physical Review B, 2013, 84, 115111.	1.1	11
98	Surface structures of a Co-doped anatase $\text{TiO}_2$ (001) film investigated by scanning tunneling microscopy. Applied Physics Letters, 2003, 82, 3080-3082.	1.5	10
99	Spin exchange interactions in hexagonal manganites $\text{RMnO}_3$ ( $R = \text{Tb, Dy, Ho, Er}$ ) epitaxial thin films. Applied Physics Letters, 2011, 99, .	1.5	9
100	Anisotropic suppression of octahedral breathing distortion with the fully strained $\text{BaBiO}_3/\text{BaCeO}_3$ heterointerface. APL Materials, 2018, 6, 016107.	2.2	9
101	Studies on structural and electro-optic properties of ferroelectric bismuth titanate thin films. Ferroelectrics, 1994, 152, 139-144.	0.3	8
102	Effect of internal field on the high resistance state retention of unipolar resistance switching in ferroelectric vanadium doped $\text{ZnO}$ . Applied Physics Letters, 2017, 110, .	1.5	8
103	Templated epitaxy of $\text{TiO}_2(\text{B})$ on a perovskite. Applied Physics Letters, 2020, 117, .	1.5	8
104	Coherent-strained superconducting $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ thin films. Physical Review B, 2013, 88, 094504.	0.9	8
105	Evidence for absence of metallic surface states in $\text{BiO}_2$ -terminated $\text{BaBiO}_3$ thin films. Current Applied Physics, 2018, 18, 658-662.	1.1	7
106	Tunable coupling of two-dimensional superconductors in bilayer $\text{SrTiO}_3/\text{LaAlO}_3$ heterostructures. Physical Review B, 2013, 88, .	1.1	6
107	Manifestations of Quasi-Two-Dimensional Metallicity in a Layered Ternary Transition Metal Chalcogenide $\text{Ti}_2\text{PTe}_2$ . Chemistry of Materials, 2016, 28, 7570-7573.	3.2	6
108	Growth and Atomically Resolved Polarization Mapping of Ferroelectric $\text{Bi}_2\text{WO}_6$ Thin Films. ACS Applied Electronic Materials, 2021, 3, 1023-1030.	2.0	6

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109	Structural and Electrical Characterization of Pb(Sc,Ta)O <sub>3</sub> Thin Films Derived by Aerosol-Assisted Chemical Vapor Deposition. <i>Ferroelectrics</i> , 2002, 271, 265-270.	0.3	5
110	Formation of hexagonal phase of TbMnO <sub>3</sub> thin film and its multiferroic properties. <i>Journal of Materials Research</i> , 2007, 22, 2156-2162.	1.2	5
111	Effects of growth temperature and oxygen pressure on the properties of heteroepitaxial ZnO thin films on sapphire (0001) substrates by pulsed laser deposition. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 1528-1532.	0.7	5
112	Structural and Leakage Current Behavior of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films on La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> Bottom Electrodes Grown by Pulsed Laser Deposition. <i>Materials Research Society Symposia Proceedings</i> , 1994, 361, 33.	0.1	4
113	Role of IrO <sub>2</sub> Electrode in Reducing the Retention Loss of Ir/IrO <sub>2</sub> /Pb(Zr, Ti)O <sub>3</sub> /Ir Capacitors. <i>Integrated Ferroelectrics</i> , 2004, 67, 143-149.	0.3	4
114	Properties of Iron Oxide Films Grown by Pulsed Laser Deposition. <i>Materials Research Society Symposia Proceedings</i> , 1994, 341, 35.	0.1	3
115	Energy landscape scheme for an intuitive understanding of complex domain dynamics in ferroelectric thin films. <i>Scientific Reports</i> , 2015, 5, 11625.	1.6	3
116	Enhanced tunability of two-dimensional electron gas on SrTiO <sub>3</sub> through heterostructuring. <i>Current Applied Physics</i> , 2020, 20, 1268-1273.	1.1	3
117	Tunable Two-Channel Magnetotransport in SrRuO <sub>3</sub> Ultrathin Films Achieved by Controlling the Kinetics of Heterostructure Deposition. <i>Advanced Electronic Materials</i> , 2022, 8, 2100804.	2.6	3
118	Pulsed Laser Deposition of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films on Indium Tin Oxide Coated Glass. <i>Materials Research Society Symposia Proceedings</i> , 1994, 343, 475.	0.1	2
119	Mixed phase of deuteron glass and ferroelectric ordering in Rb <sub>1-x</sub> (ND <sub>4</sub> ) <sub>x</sub> D <sub>2</sub> AsO <sub>4</sub> . <i>Ferroelectrics</i> , 1994, 157, 281-286.	0.3	2
120	Effect of CeO <sub>2</sub> interlayer deposition temperature on growth behavior of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> /CeO <sub>2</sub> /MgO heterostructures. <i>Applied Physics Letters</i> , 1996, 69, 1077-1079.	1.5	2
121	Pulsed laser deposition of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films and their anomalous imprint characteristics. <i>Integrated Ferroelectrics</i> , 1997, 14, 181-191.	0.3	2
122	Metal-Insulator Transition: Spectroscopic Studies on the Metal-Insulator Transition Mechanism in Correlated Materials (Adv. Mater. 42/2018). <i>Advanced Materials</i> , 2018, 30, 1870318.	11.1	2
123	Observation of signatures of subresolution defects in two-dimensional superconductors with a scanning SQUID. <i>Physical Review B</i> , 2018, 98, .	1.1	2
124	Resistive Switching: Unraveling the Origin and Mechanism of Nanofilament Formation in Polycrystalline SrTiO <sub>3</sub> Resistive Switching Memories (Adv. Mater. 28/2019). <i>Advanced Materials</i> , 2019, 31, 1970205.	11.1	2
125	In situ investigation of conducting interface formation in LaAlO <sub>3</sub> /SrTiO <sub>3</sub> heterostructure. <i>Current Applied Physics</i> , 2021, 30, 53-53.	1.1	2
126	Thickness-Driven Morphotropic Phase Transition in Metastable Ferroelectric CaTiO <sub>3</sub> Films. <i>Advanced Electronic Materials</i> , 0, , 2101398.	2.6	2



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127	Structural and Electro-Optic Properties of Laser-Ablated Ferroelectric Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films. Materials Research Society Symposia Proceedings, 1992, 285, 385.	0.1	1
128	Application of a bridge circuit for an inductive critical current density measurement of superconducting thin films. Review of Scientific Instruments, 1993, 64, 2385-2386.	0.6	1
129	Pulsed Laser Deposition of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films on Sapphire Substrates. Materials Research Society Symposia Proceedings, 1994, 361, 27.	0.1	1
130	Epitaxial Growth and Physical Properties of La <sub>1-x</sub> CaxMnO <sub>3-δ</sub> Thin Films on MgO(001) Substrates. Materials Research Society Symposia Proceedings, 1995, 401, 461.	0.1	1
131	Optical Waveguides Using Epitaxial Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films on MgO with CeO <sub>2</sub> Cladding Layers. Materials Research Society Symposia Proceedings, 1995, 401, 219.	0.1	1
132	In-Plane Grain Boundary Effects on the Transport Properties of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3-δ</sub> Thin Films. Materials Research Society Symposia Proceedings, 1997, 494, 257.	0.1	1
133	FERROELECTRIC SWITCHING DYNAMICS AND PULSE-SWITCHING POLARIZATION MEASUREMENTS. Integrated Ferroelectrics, 2005, 73, 115-121.	0.3	1
134	Domain Switching Dynamics in Ferroelectric Ultrathin Film: Fundamental Thickness Limit for FeRAM Application. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
135	Epitaxial Ultrathin Films: Atomic-Scale Metal-Insulator Transition in SrRuO <sub>3</sub> Ultrathin Films Triggered by Surface Termination Conversion (Adv. Mater. 8/2020). Advanced Materials, 2020, 32, 2070058.	11.1	1
136	Negligible Substrate-Induced Strain Effects on Magnetic Properties of SrRuO <sub>3</sub> Thin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 2000047.	0.7	1
137	Dependence of Electro-Optic Effects on the Orientations of Epitaxial LiNbO <sub>3</sub> Films. Materials Research Society Symposia Proceedings, 1995, 401, 261.	0.1	0
138	Effects of Interfacial States on Asymmetric Polarization Switchings of Epitaxial Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films. Materials Research Society Symposia Proceedings, 1997, 474, 3.	0.1	0
139	Charge Retention Loss and Its Mechanism of (Bi, La) <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Capacitors. Integrated Ferroelectrics, 2004, 67, 85-91.	0.3	0
140	Magnetic Ordering Effects on Raman Spectra of Hexagonal Phase of HoMnO <sub>3</sub> Film (abstract). , 2009, , .		0
141	Effect of dimethylhydrazine on p-type conductivity of as-grown Mg-doped GaN. Physica Status Solidi - Rapid Research Letters, 2009, 3, 52-54.	1.2	0
142	SPECTROSCOPIC STUDIES OF STRONG SPIN-ORBIT COUPLING IN 4D AND 5D TRANSITION METAL OXIDES. , 2013, , 7-42.		0
143	Ablation laser fluence as an effective parameter to control superconductivity in Ba <sub>1-x</sub> K <sub>x</sub> BiO <sub>3</sub> films. Current Applied Physics, 2017, 17, 600-604.	1.1	0
144	Thin Films: Topotactic Metal-Insulator Transition in Epitaxial SrFeO <sub>x</sub> Thin Films (Adv. Mater. 37/2017). Advanced Materials, 2017, 29, .	11.1	0

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145	Transport and optical properties of the chiral semiconductor Ag <sub>3</sub> AuSe <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	0