

Ignasi Fina

List of Publications by Year in descending order

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143
papers

8,046
citations

66343

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51608

86
g-index

148
all docs

148
docs citations

148
times ranked

7896
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiferromagnetic spintronics. Nature Nanotechnology, 2016, 11, 231-241.	31.5	1,578
2	Room-temperature antiferromagnetic memory resistor. Nature Materials, 2014, 13, 367-374.	27.5	546
3	A spin-valve-like magnetoresistance of an antiferromagnet-based tunnel junction. Nature Materials, 2011, 10, 347-351.	27.5	485
4	The multiple directions of antiferromagnetic spintronics. Nature Physics, 2018, 14, 200-203.	16.7	365
5	Electric-Field Control of Exchange Bias in Multiferroic Epitaxial Heterostructures. Physical Review Letters, 2006, 97, 227201.	7.8	295
6	Towards Oxide Electronics: a Roadmap. Applied Surface Science, 2019, 482, 1-93.	6.1	236
7	Electric control of magnetism at the Fe/BaTiO ₃ interface. Nature Communications, 2014, 5, 3404.	12.8	179
8	Multiferroic Iron Oxide Thin Films at Room Temperature. Advanced Materials, 2014, 26, 4645-4652.	21.0	172
9	Multiple-stable anisotropic magnetoresistance memory in antiferromagnetic MnTe. Nature Communications, 2016, 7, 11623.	12.8	169
10	Antiferromagnetic CuMnAs multi-level memory cell with microelectronic compatibility. Nature Communications, 2017, 8, 15434.	12.8	149
11	Anisotropic magnetoresistance in an antiferromagnetic semiconductor. Nature Communications, 2014, 5, 4671.	12.8	136
12	Tetragonal phase of epitaxial room-temperature antiferromagnet CuMnAs. Nature Communications, 2013, 4, 2322.	12.8	123
13	Magnetization Reversal by Electric-Field Decoupling of Magnetic and Ferroelectric Domain Walls in Multiferroic-Based Heterostructures. Physical Review Letters, 2011, 106, 057206.	7.8	121
14	Engineering Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ Thin Films by Epitaxial Stress. ACS Applied Electronic Materials, 2019, 1, 1449-1457.	4.3	105
15	Nonferroelectric contributions to the hysteresis cycles in manganite thin films: A comparative study of measurement techniques. Journal of Applied Physics, 2011, 109, .	2.5	100
16	Crystal and magnetic structures, magnetic and ferroelectric properties of strontium ferrite partially substituted with in ions. Journal of Alloys and Compounds, 2020, 821, 153412.	5.5	98
17	Impact of In ³⁺ cations on structure and electromagnetic state of M ²⁺ -type hexaferrites. Journal of Energy Chemistry, 2022, 69, 667-676.	12.9	95
18	Robust ferroelectricity in epitaxial Hf _{1/2} Zr _{1/2} O ₂ thin films. Applied Physics Letters, 2018, 113, .	3.3	77

#	ARTICLE	IF	CITATIONS
19	Features of structure, magnetic state and electrodynamic performance of SrFe ₁₂ xIn _x O ₁₉ . Scientific Reports, 2021, 11, 18342.	3.3	77
20	Growth Window of Ferroelectric Epitaxial Hf _{0.5} Zr _{0.5} O ₂ Thin Films. ACS Applied Electronic Materials, 2019, 1, 220-228.	4.3	75
21	High polarization, endurance and retention in sub-5 nm Hf _{0.5} Zr _{0.5} O ₂ films. Nanoscale, 2020, 12, 11280-11287.	5.6	72
22	Electrical Measurement of Antiferromagnetic Moments in Exchange-Coupled IrMn/NiFe Stacks. Physical Review Letters, 2012, 108, 017201.	7.8	70
23	Surface phase transitions in BiFeO ₃ below room temperature. Physical Review B, 2012, 85, .	3.2	70
24	Epitaxy-distorted spin-orbit Mott insulator in Sr ₂ IrO ₄ thin films. Physical Review B, 2013, 87, .	3.2	70
25	Band Gap Tuning of Solution-Processed Ferroelectric Perovskite BiFe _{1-x} Co _x O ₃ Thin Films. Chemistry of Materials, 2019, 31, 947-954.	6.7	69
26	Enhanced ferroelectricity in epitaxial Hf _{0.5} Zr _{0.5} O ₂ thin films integrated with Si(001) using SrTiO ₃ templates. Applied Physics Letters, 2019, 114, .	3.3	61
27	Domain-Matching Epitaxy of Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ (111) on La _{2/3} Sr _{1/3} MnO ₃ (001). Crystal Growth and Design, 2020, 20, 3801-3806.	3.0	60
28	Room-temperature antiferromagnetism in CuMnAs. Journal of Magnetism and Magnetic Materials, 2012, 324, 1606-1612.	2.3	59
29	Epitaxial Ferroelectric HfO ₂ Films: Growth, Properties, and Devices. ACS Applied Electronic Materials, 2021, 3, 1530-1549.	4.3	58
30	Storing magnetic information in IrMn/MgO/Ta tunnel junctions via field-cooling. Applied Physics Letters, 2013, 102, .	3.3	56
31	Spintronic Functionality of BiFeO ₃ Domain Walls. Advanced Materials, 2014, 26, 7078-7082.	21.0	56
32	Demonstration of molecular beam epitaxy and a semiconducting band structure for I-Mn-V compounds. Physical Review B, 2011, 83, .	3.2	55
33	Emergence of ferromagnetism in antiferromagnetic TbMnO ₃ by epitaxial strain. Applied Physics Letters, 2010, 96, .	3.3	53
34	Ultra-flat BaTiO ₃ epitaxial films on Si(001) with large out-of-plane polarization. Applied Physics Letters, 2013, 102, .	3.3	53
35	Structural features, magnetic and ferroelectric properties of SrFe _{10.8} In _{1.2} O ₁₉ compound. Materials Research Bulletin, 2021, 138, 111236.	5.2	52
36	The direct magnetoelectric effect in ferroelectric/ferromagnetic epitaxial heterostructures. Nanoscale, 2013, 5, 8037.	5.6	49

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37	Epitaxial Ferroelectric La-Doped Hf _{0.5} Zr _{0.5} O ₂ Thin Films. ACS Applied Electronic Materials, 2020, 2, 3221-3232.	4.3	48
38	Magnetocapacitance in BaTiO ₃ â€“CoFe ₂ O ₄ nanocomposites. Thin Solid Films, 2010, 518, 4634-4636.	1.8	47
39	Epitaxial Integration on Si(001) of Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ Capacitors with High Retention and Endurance. ACS Applied Materials & Interfaces, 2019, 11, 6224-6229.	8.0	47
40	Unraveling Ferroelectric Polarization and Ionic Contributions to Electroresistance in Epitaxial Hf _{0.5} Zr _{0.5} O ₂ Tunnel Junctions. Advanced Electronic Materials, 2020, 6, 1900852.	5.1	44
41	Prospect for Antiferromagnetic Spintronics. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	43
42	Magnetic switch of polarization in epitaxial orthorhombic YMnO ₃ thin films. Applied Physics Letters, 2010, 97, .	3.3	42
43	Blocking of Conducting Channels Widens Window for Ferroelectric Resistive Switching in Interfaceâ€“Engineered Hf _{0.5} Zr _{0.5} O ₂ Tunnel Devices. Advanced Functional Materials, 2020, 30, 2002638.	14.9	40
44	Ferromagnetism in epitaxial orthorhombic YMnO ₃ thin films. Journal of Magnetism and Magnetic Materials, 2009, 321, 1719-1722.	2.3	38
45	Four-state ferroelectric spin-valve. Scientific Reports, 2015, 5, 9749.	3.3	38
46	Exchange biasing and electric polarization with YMnO ₃ . Applied Physics Letters, 2006, 89, 032510.	3.3	37
47	Reversible and magnetically unassisted voltage-driven switching of magnetization in FeRh/PMN-PT. Applied Physics Letters, 2018, 113, .	3.3	37
48	The origin of the dual ferroic properties in quasi-centrosymmetrical SrFe ₁₂ âˆ“xInxO ₁₉ hexaferrites. Journal of Alloys and Compounds, 2021, 886, 161249.	5.5	37
49	Tailoring Lattice Strain and Ferroelectric Polarization of Epitaxial BaTiO ₃ Thin Films on Si(001). Scientific Reports, 2018, 8, 495.	3.3	36
50	Polarization and Resistive Switching in Epitaxial 2 nm Hf _{0.5} Zr _{0.5} O ₂ Tunnel Junctions. ACS Applied Electronic Materials, 2021, 3, 3657-3666.	4.3	33
51	Non-volatile optical switch of resistance in photoferroelectric tunnel junctions. Nature Communications, 2021, 12, 382.	12.8	32
52	Crystal texture selection in epitaxies of orthorhombic antiferromagnetic YMnO ₃ films. Thin Solid Films, 2008, 516, 4899-4907.	1.8	31
53	Quenching of an antiferromagnet into high resistivity states using electrical or ultrashort optical pulses. Nature Electronics, 2021, 4, 30-37.	26.0	31
54	Selecting Steady and Transient Photocurrent Response in BaTiO ₃ Films. Advanced Electronic Materials, 2015, 1, 1500171.	5.1	30

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55	Dielectric response of epitaxially strained CoFe ₂ O ₄ spinel thin films. Physical Review B, 2012, 86, .	3.2	29
56	Origin of tunnel electroresistance effect in PbTiO_3 -based multiferroic tunnel junctions. Physical Review B, 2015, 92, .	3.2	29
57	Electric-Field-Adjustable Time-Dependent Magnetoelectric Response in Martensitic FeRh Alloy. ACS Applied Materials & Interfaces, 2017, 9, 15577-15582.	8.0	29
58	Chiral Domains in Cycloidal Multiferroic Thin Films: Switching and Memory Effects. Physical Review Letters, 2011, 107, 257601.	7.8	28
59	Spin-phonon coupling in Gd(Co _{1/2} Mn _{1/2})O ₃ perovskite. Journal of Applied Physics, 2013, 114, .	2.5	27
60	Strain tuned magnetoelectric coupling in orthorhombic YMnO ₃ thin films. Applied Physics Letters, 2009, 95, .	3.3	26
61	Large out-of-plane ferroelectric polarization in flat epitaxial BaTiO ₃ on CoFe ₂ O ₄ heterostructures. Applied Physics Letters, 2013, 102, .	3.3	26
62	Dielectric anomaly and magnetic response of epitaxial orthorhombic YMnO ₃ thin films. Journal of Materials Research, 2007, 22, 2096-2101.	2.6	25
63	Strain-driven noncollinear magnetic ordering in orthorhombic epitaxial YMnO ₃ thin films. Journal of Applied Physics, 2010, 108, .	2.5	25
64	Hidden Magnetic States Emergent Under Electric Field, In A Room Temperature Composite Magnetoelectric Multiferroic. Scientific Reports, 2017, 7, 15460.	3.3	25
65		3.2	24
66	Tailoring the interfacial magnetic anisotropy in multiferroic field-effect devices. Physical Review B, 2014, 90, .	3.2	24
67	Nanocrystalline Ferroelectric BiFeO ₃ Thin Films by Low-Temperature Atomic Layer Deposition. Chemistry of Materials, 2015, 27, 6322-6328.	6.7	24
68	High ferroelectric polarization in <i>c</i> -oriented BaTiO ₃ epitaxial thin films on SrTiO ₃ /Si(001). Applied Physics Letters, 2016, 109, .	3.3	24
69	Unravelling and controlling hidden imprint fields in ferroelectric capacitors. Scientific Reports, 2016, 6, 25028.	3.3	23
70	Untangling Electrostatic and Strain Effects on the Polarization of Ferroelectric Superlattices. Advanced Functional Materials, 2016, 26, 6446-6453.	14.9	23
71	Control of Polar Orientation and Lattice Strain in Epitaxial BaTiO ₃ Films on Silicon. ACS Applied Materials & Interfaces, 2018, 10, 25529-25535.	8.0	23
72	X-ray interference effects on the determination of structural data in ultrathin La _{2/3} Sr _{1/3} MnO ₃ epitaxial thin films. Applied Physics Letters, 2011, 99, .	3.3	22

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73	Strain-driven transition from E -type to A -type magnetic order in YMnO_3 epitaxial films. Physical Review B, 2012, 86, .	3.2	22
74	Band structure of CuMnAs probed by optical and photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	22
75	Fatigue and retention in the growth window of ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ thin films. Applied Physics Letters, 2020, 117, .	3.3	22
76	Stabilization of the Ferroelectric Phase in Epitaxial $\text{Hf}_{1-x}\text{Zr}_x\text{O}_2$ Enabling Coexistence of Ferroelectric and Enhanced Piezoelectric Properties. ACS Applied Electronic Materials, 2021, 3, 2106-2113.	4.3	22
77	Impact of La Concentration on Ferroelectricity of La-Doped HfO_2 Epitaxial Thin Films. ACS Applied Electronic Materials, 2021, 3, 4809-4816.	4.3	22
78	Strain-Controlled Responsiveness of Slave Half-Doped Manganite $\text{La}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ Layers Inserted in BaTiO_3 Ferroelectric Tunnel Junctions. Advanced Electronic Materials, 2016, 2, 1600368.	5.1	21
79	Critical effect of the bottom electrode on the ferroelectricity of epitaxial $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ thin films. Journal of Materials Chemistry C, 2021, 9, 3486-3492.	5.5	21
80	Isothermal anisotropic magnetoresistance in antiferromagnetic metallic IrMn . Scientific Reports, 2016, 6, 35471.	3.3	20
81	Correlation between growth dynamics and dielectric properties of epitaxial BaTiO_3 films. Applied Physics Letters, 2012, 100, 102904.	3.3	19
82	Monolithic integration of room-temperature multifunctional BaTiO_3 - CoFe_2O_4 epitaxial heterostructures on $\text{Si}(001)$. Scientific Reports, 2016, 6, 31870.	3.3	19
83	Thickness effect on the ferroelectric properties of La-doped HfO_2 epitaxial films down to 4.5 nm. Journal of Materials Chemistry C, 2021, 9, 12224-12230.	5.5	19
84	Improved polarization and endurance in ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ films on $\text{SrTiO}_3(110)$. Nanoscale, 2022, 14, 2337-2343.	5.6	19
85	Epitaxial thin films of $(\text{Bi}_{0.9}\text{La}_{0.1})_2\text{NiMnO}_6$ obtained by pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2009, 321, 1748-1753.	2.3	18
86	Investigation of magneto-structural phase transition in FeRh by reflectivity and transmittance measurements in visible and near-infrared spectral region. New Journal of Physics, 2016, 18, 083017.	2.9	18
87	Bendable Polycrystalline and Magnetic CoFe_2O_4 Membranes by Chemical Methods. ACS Applied Materials & Interfaces, 2022, 14, 12845-12854.	8.0	17
88	Ferroelectricity and strain effects in orthorhombic YMnO_3 thin films. Phase Transitions, 2011, 84, 555-568.	1.3	16
89	Obtaining the structure factors for an epitaxial film using Cu X-ray radiation. Journal of Applied Crystallography, 2013, 46, 1749-1754.	4.5	16
90	Effects of morphology and strain on the dielectric response of multiferroic $\text{CoFe}_2\text{O}_4/\text{BaTiO}_3$ nanocomposite thin films. Journal of Applied Physics, 2010, 108, 034108.	2.5	15

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91	Synergetic Electronic and Ionic Contributions to Electroresistance in Ferroelectric Capacitors. <i>Advanced Electronic Materials</i> , 2019, 5, 1800646.	5.1	15
92	Strain and voltage control of magnetic and electric properties of FeRh films. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 023002.	2.8	15
93	Insights into the atomic structure of the interface of ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ grown epitaxially on LaAlO_3 . <i>Physical Review Materials</i> , 2021, 5, .	2.4	15
94	Discovery of highly polarizable semiconductors BaZrS_3 and $\text{Ba}_3\text{Zr}_2\text{S}_7$. <i>Physical Review Materials</i> , 2020, 4, .	2.4	15
95	Dielectric properties of $\text{BaTiO}_3/\text{CoFe}_2\text{O}_4$ nanocomposite thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1795-1798.	2.3	14
96	Influence of substrate temperature in $\text{BiFeO}_3/\text{CoFe}_2\text{O}_4$ nanocomposites deposited on SrTiO_3 (001). <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1790-1794.	2.3	14
97	Phase coexistence and magnetically tuneable polarization in cycloidal multiferroics. <i>Physical Review B</i> , 2013, 88, .	3.2	14
98	Thermal evolution of ferroelectric behavior in epitaxial $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	14
99	Positive Effect of Parasitic Monoclinic Phase of $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ on Ferroelectric Endurance. <i>Advanced Electronic Materials</i> , 2022, 8, 2100420.	5.1	14
100	Flexible Antiferromagnetic FeRh Tapes as Memory Elements. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15389-15395.	8.0	13
101	Ferroelectric phase transition in strained multiferroic $(\text{Bi}_{0.9}\text{La}_{0.1})_2\text{NiMnO}_6$ thin films. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	12
102	High-temperature Magnetodielectric $\text{BiFe}_{0.5}\text{O}_3$ Thin Films with Checkerboard-Ordered Oxyge. <i>Physical Review Applied</i> , 2018, 10, .	3.8	12
103	Complementary Resistive Switching Using Metal/Ferroelectric/Metal Tunnel Junctions. <i>Small</i> , 2019, 15, e1805042.	10.0	12
104	Scanning tunneling microscopy reveals LiMnAs is a room temperature anti-ferromagnetic semiconductor. <i>Applied Physics Letters</i> , 2012, 100, 112107.	3.3	11
105	Asymmetric Resistive Switching Dynamics in BaTiO_3 Tunnel Junctions. <i>Advanced Electronic Materials</i> , 2019, 5, 1800407.	5.1	11
106	Local manipulation of metamagnetism by strain nanopatterning. <i>Materials Horizons</i> , 2020, 7, 2056-2062.	12.2	11
107	Enhancement of phase stability and optoelectronic performance of BiFeO_3 thin films via cation co-substitution. <i>Journal of Materials Chemistry C</i> , 2021, 9, 330-339.	5.5	11
108	Structural and dielectric properties of (001) and (111)-oriented $\text{BaZr}_{0.2}\text{Ti}_{0.8}\text{O}_3$ epitaxial thin films. <i>Thin Solid Films</i> , 2010, 518, 4692-4695.	1.8	10

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109	Surface morphology and magnetic anisotropy in (Ga,Mn)As. Applied Physics Letters, 2011, 98, 152503.	3.3	10
110	Control of the Polarization of Ferroelectric Capacitors by the Concurrent Action of Light and Adsorbates. ACS Applied Materials & Interfaces, 2018, 10, 23968-23975.	8.0	10
111	Large enhancement of ferroelectric polarization in Hf _{0.5} Zr _{0.5} O ₂ films by low plasma energy pulsed laser deposition. Journal of Materials Chemistry C, 2022, 10, 1084-1089.	5.5	10
112	Dielectric anomalies in orthorhombic YMnO ₃ thin films. Thin Solid Films, 2010, 518, 4710-4713.	1.8	8
113	Diffusion of Mn interstitials in (Ga,Mn)As epitaxial layers. Physical Review B, 2011, 83, .	3.2	8
114	Defect-induced magnetic structure of CuMnSb. Physical Review B, 2016, 94, .	3.2	8
115	Direct Reversible Magnetoelectric Coupling in a Ferroelectric/Ferromagnetic Structure Controlled by Series Resistance Engineering. ACS Applied Electronic Materials, 2019, 1, 1937-1944.	4.3	8
116	Engineering Polar Oxynitrides: Hexagonal Perovskite BaWON ₂ . Angewandte Chemie - International Edition, 2020, 59, 18395-18399.	13.8	8
117	Switchable photovoltaic response in hexagonal LuMnO ₃ single crystals. Applied Physics Letters, 2021, 118, .	3.3	8
118	In-plane tunnelling field-effect transistor integrated on Silicon. Scientific Reports, 2015, 5, 14367.	3.3	7
119	Dielectric characterization of multiferroic magnetoelectric double-perovskite Y(Ni _{0.5} Mn _{0.5})O ₃ thin films. Applied Physics Letters, 2016, 109, .	3.3	7
120	Giant Tuning of Electronic and Thermoelectric Properties by Epitaxial Strain in p-Type Sr-Doped LaCrO ₃ Transparent Thin Films. ACS Applied Electronic Materials, 2021, 3, 3461-3471.	4.3	7
121	Bulk photovoltaic effect in hexagonal LuMnO ₃ single crystals. Physical Review B, 2021, 104, .	3.2	7
122	Impact of non-ferroelectric phases on switching dynamics in epitaxial ferroelectric Hf _{0.5} Zr _{0.5} O ₂ films. APL Materials, 2022, 10, .	5.1	7
123	Enhanced electroresistance endurance of capped Hf _{0.5} Zr _{0.5} O ₂ ultrathin epitaxial tunnel barriers. APL Materials, 2022, 10, .	5.1	7
124	Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ films on SrTiO ₃ (111). Journal of Materials Chemistry C, 2022, 10, 8407-8413.	5.5	7
125	Density of Mn interstitials in (Ga,Mn)As epitaxial layers determined by anomalous x-ray diffraction. Applied Physics Letters, 2010, 97, .	3.3	6
126	Control of Layering in Aurivillius Phase Nanocomposite Thin Films and Influence on Ferromagnetism and Optical Absorption. ACS Applied Electronic Materials, 2022, 4, 1997-2004.	4.3	6

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127	Electric control of antiferromagnets. IEEE Transactions on Magnetics, 2016, , 1-1.	2.1	5
128	Magnetic and ferroelectric properties, crystal and magnetic structures of SrFe _{11.9} In _{0.1} O ₁₉ . Physica Scripta, 2020, 95, 044006.	2.5	5
129	Enhanced thermal stability of Pt electrodes for flat epitaxial biferroic-YMnO ₃ /Pt heterostructures. Applied Physics Letters, 2009, 95, 181907.	3.3	4
130	Selectable texture in epitaxial ferroelectric BaTiO ₃ films integrated with silicon. CrystEngComm, 2018, 20, 6225-6229.	2.6	4
131	High-Temperature Synthesis and Dielectric Properties of LaTaO ₂ . Inorganic Chemistry, 2021, 60, 16484-16491.	4.0	4
132	Disentangling Highly Asymmetric Magnetoelectric Effects in Engineered Multiferroic Heterostructures. Physical Review Applied, 2019, 12, .	3.8	3
133	Mn 3 <i>d</i> bands and Yâ€“O hybridization of hexagonal and orthorhombic YMnO ₃ thin films. Journal of Physics Condensed Matter, 2017, 29, 295501.	1.8	2
134	Voltage-driven strain-mediated modulation of exchange bias in Ir ₂₀ Mn ₈₀ /Fe ₈₀ Ga ₂₀ /TaO ₁₁₁ -oriented PMN-32P ₆₇ heterostructures. Applied Physics Letters, 2022, 120, 142406.		2
135	Bulk photovoltaic effect modulated by ferroelectric polarization back-switching. Applied Physics Letters, 2022, 120, 242901.	3.3	2
136	Disclosing odd symmetry, strain driven magnetic response of Co on Pt/PMN-PT (0â€“1â€“1). Journal of Physics Condensed Matter, 2019, 31, 084003.	1.8	1
137	Engineering Polar Oxynitrides: Hexagonal Perovskite BaWON 2. Angewandte Chemie, 2020, 132, 18553-18557.	2.0	1
138	Strain-Mediated Magnetoelectric Effects. , 2021, , .		1
139	Switching magnetic order at an Fe/BaTiO ₃ interface on and off: Impact on hybrid magnetic-ferroelectric tunnel junctions. , 2015, , .		0
140	Vehicle Classification System Based on Ferroelectric Materials. , 2019, , .		0
141	<i>Materials Horizons</i> Emerging Investigator Series: Ignasi Fina, Institute of Materials Science of Barcelona, Spain. Materials Horizons, 2020, 7, 1935-1936.	12.2	0
142	The Profile of Researchers Moving Towards Scientific Entrepreneurship. , 2018, , 143-157.		0
143	Optical Second-Harmonic Polarimetry on Hf _{0.5} Zr _{0.5} O ₂ /La _{0.67} Sr _{0.33} MnO ₃ Interfaces. ACS Applied Electronic Materials, 0, , .	4.3	0