

Run-wei Li

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

6,471
citations

46
h-index

72
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233
ext. papers

7,717
ext. citations

6.3
avg, IF

5.87
L-index

#	Paper	IF	Citations
217	Nonvolatile resistive switching in graphene oxide thin films. <i>Applied Physics Letters</i> , 2009 , 95, 232101	3.4	192
216	Observation of conductance quantization in oxide-based resistive switching memory. <i>Advanced Materials</i> , 2012 , 24, 3941-6	24	190
215	Organic and hybrid resistive switching materials and devices. <i>Chemical Society Reviews</i> , 2019 , 48, 1531-1565	55	172
214	Pushing extended p-quinodimethanes to the limit: stable tetracyano-oligo(N-annulated perylene)quinodimethanes with tunable ground states. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6363-71	16.4	150
213	Dibenzoheptazethrene isomers with different biradical characters: an exercise of Clar's aromatic sextet rule in singlet biradicaloids. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18229-36	16.4	147
212	Polymer memristor for information storage and neuromorphic applications. <i>Materials Horizons</i> , 2014 , 1, 489	14.4	146
211	An optoelectronic resistive switching memory with integrated demodulating and arithmetic functions. <i>Advanced Materials</i> , 2015 , 27, 2797-803	24	131
210	Organic Biomimicking Memristor for Information Storage and Processing Applications. <i>Advanced Electronic Materials</i> , 2016 , 2, 1500298	6.4	130
209	Resistance switching in polycrystalline BiFeO ₃ thin films. <i>Applied Physics Letters</i> , 2010 , 97, 042101	3.4	129
208	Effect of top electrodes on photovoltaic properties of polycrystalline BiFeO ₃ based thin film capacitors. <i>Nanotechnology</i> , 2011 , 22, 195201	3.4	127
207	Thermally Stable Transparent Resistive Random Access Memory based on All-Oxide Heterostructures. <i>Advanced Functional Materials</i> , 2014 , 24, 2171-2179	15.6	124
206	Mechanism of nonvolatile resistive switching in graphene oxide thin films. <i>Carbon</i> , 2011 , 49, 3796-3802	10.4	124
205	Nonvolatile resistive switching memory based on amorphous carbon. <i>Applied Physics Letters</i> , 2010 , 96, 163505	3.4	123
204	A multilevel memory based on proton-doped polyazomethine with an excellent uniformity in resistive switching. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17408-11	16.4	118
203	A skin-inspired tactile sensor for smart prosthetics. <i>Science Robotics</i> , 2018 , 3,	18.6	117
202	Light-Gated Memristor with Integrated Logic and Memory Functions. <i>ACS Nano</i> , 2017 , 11, 11298-11305	16.7	116
201	Mechanism for resistive switching in an oxide-based electrochemical metallization memory. <i>Applied Physics Letters</i> , 2012 , 100, 072101	3.4	107

200	Metal-Organic Framework Nanofilm for Mechanically Flexible Information Storage Applications. <i>Advanced Functional Materials</i> , 2015 , 25, 2677-2685	15.6	106
199	An Oxide Schottky Junction Artificial Optoelectronic Synapse. <i>ACS Nano</i> , 2019 , 13, 2634-2642	16.7	104
198	Nonvolatile resistive switching in metal/La-doped BiFeO ₃ /Pt sandwiches. <i>Nanotechnology</i> , 2010 , 21, 425202	3.4	94
197	Improvement of resistive switching in Cu/ZnO/Pt sandwiches by weakening the randomness of the formation/rupture of Cu filaments. <i>Nanotechnology</i> , 2011 , 22, 275204	3.4	91
196	Highly flexible resistive switching memory based on amorphous-nanocrystalline hafnium oxide films. <i>Nanoscale</i> , 2017 , 9, 7037-7046	7.7	89
195	A resistance-switchable and ferroelectric metal-organic framework. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17477-83	16.4	85
194	Push-Pull Type Oligo(N-annulated perylene)quinodimethanes: Chain Length and Solvent-Dependent Ground States and Physical Properties. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8572-83	16.4	76
193	Fe-based amorphous alloys for wide ribbon production with high Bs and outstanding amorphous forming ability. <i>Journal of Alloys and Compounds</i> , 2015 , 630, 209-213	5.7	75
192	Mechanically tunable magnetic properties of Fe ₈₁ Ga ₁₉ films grown on flexible substrates. <i>Applied Physics Letters</i> , 2012 , 100, 122407	3.4	73
191	Fast decolorization of azo dyes in both alkaline and acidic solutions by Al-based metallic glasses. <i>Journal of Alloys and Compounds</i> , 2017 , 701, 759-767	5.7	70
190	Nonvolatile bistable resistive switching in a new polyimide bearing 9-phenyl-9H-carbazole pendant. <i>Journal of Materials Chemistry</i> , 2012 , 22, 520-526		69
189	Waterproof, Highly Tough, and Fast Self-Healing Polyurethane for Durable Electronic Skin. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 11072-11083	9.5	68
188	Anomalously large anisotropic magnetoresistance in a perovskite manganite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14224-9	11.5	61
187	Printable Liquid-Metal@PDMS Stretchable Heater with High Stretchability and Dynamic Stability for Wearable Thermootherapy. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800435	6.8	61
186	The magnetocaloric effect of Gd-Tb-Dy-Al-M (M=Fe, Co and Ni) high-entropy bulk metallic glasses. <i>Intermetallics</i> , 2015 , 58, 31-35	3.5	60
185	Resistive switching effects in oxide sandwiched structures. <i>Frontiers of Materials Science</i> , 2012 , 6, 183-206		59
184	Thermally-stable resistive switching with a large ON/OFF ratio achieved in poly(triphenylamine). <i>Chemical Communications</i> , 2014 , 50, 11856-8	5.8	55
183	Redox gated polymer memristive processing memory unit. <i>Nature Communications</i> , 2019 , 10, 736	17.4	55

182	Ultrathin MoS Nanosheets Encapsulated in Hollow Carbon Spheres: A Case of a Dielectric Absorber with Optimized Impedance for Efficient Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20785-20796	9.5	53
181	Improving Unipolar Resistive Switching Uniformity with Cone-Shaped Conducting Filaments and Its Logic-In-Memory Application. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6453-6462	9.5	52
180	A 1D Vanadium Dioxide Nanochannel Constructed via Electric-Field-Induced Ion Transport and its Superior Metal-Insulator Transition. <i>Advanced Materials</i> , 2017 , 29, 1702162	24	52
179	Correlation between soft-magnetic properties and Tx1-Tc in high Bs FeCoSiBPC amorphous alloys. <i>Journal of Alloys and Compounds</i> , 2016 , 659, 193-197	5.7	50
178	Tunable photovoltaic effects in transparent Pb(Zr _{0.53} Ti _{0.47})O ₃ capacitors. <i>Applied Physics Letters</i> , 2012 , 100, 173903	3.4	50
177	Convertible resistive switching characteristics between memory switching and threshold switching in a single ferritin-based memristor. <i>Chemical Communications</i> , 2016 , 52, 4828-31	5.8	49
176	Magneto-mechanical coupling effect in amorphous Co ₄₀ Fe ₄₀ B ₂₀ films grown on flexible substrates. <i>Applied Physics Letters</i> , 2014 , 105, 103504	3.4	49
175	Nanoscale magnetization reversal caused by electric field-induced ion migration and redistribution in cobalt ferrite thin films. <i>ACS Nano</i> , 2015 , 9, 4210-8	16.7	48
174	Synaptic plasticity and learning behaviours in flexible artificial synapse based on polymer/viologen system. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3217-3223	7.1	47
173	Stretchable Spin Valve with Stable Magnetic Field Sensitivity by Ribbon-Patterned Periodic Wrinkles. <i>ACS Nano</i> , 2016 , 10, 4403-9	16.7	46
172	Mechano-regulated metal-organic framework nanofilm for ultrasensitive and anti-jamming strain sensing. <i>Nature Communications</i> , 2018 , 9, 3813	17.4	46
171	In Situ Nanoscale Electric Field Control of Magnetism by Nanoionics. <i>Advanced Materials</i> , 2016 , 28, 7658-65	15.1	44
170	Phase Manipulating toward Molybdenum Disulfide for Optimizing Electromagnetic Wave Absorbing in Gigahertz. <i>Advanced Functional Materials</i> , 2021 , 31, 2011229	15.6	43
169	A Composite Elastic Conductor with High Dynamic Stability Based on 3D-Calabash Bunch Conductive Network Structure for Wearable Devices. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800137	6.4	42
168	para-Quinodimethane-bridged perylene dimers and pericondensed quaterrylenes: the effect of the fusion mode on the ground states and physical properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 11410-20	4.8	42
167	Intrinsic and interfacial effect of electrode metals on the resistive switching behaviors of zinc oxide films. <i>Nanotechnology</i> , 2014 , 25, 425204	3.4	41
166	Static and high frequency magnetic properties of FeGa thin films deposited on convex flexible substrates. <i>Applied Physics Letters</i> , 2015 , 106, 162405	3.4	40
165	Microstructure dependence of leakage and resistive switching behaviours in Ce-doped BiFeO ₃ thin films. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 415104	3	40

164	Superparamagnetism and transport properties of ultrafine La _{2/3} Ca _{1/3} MnO ₃ powders. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 141-148	1.8	40
163	Structural effect on the resistive switching behavior of triphenylamine-based poly(azomethine)s. <i>Chemical Communications</i> , 2014 , 50, 11496-9	5.8	39
162	Role of oxadiazole moiety in different DA polyazothines and related resistive switching properties. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4556	7.1	39
161	Magnetoresistance of La _{0.5} Sr _{0.5} MnO ₃ nanoparticle compact. <i>Journal of Applied Physics</i> , 2000 , 87, 5582-5584	5.5	38
160	An organic terpyridyl-iron polymer based memristor for synaptic plasticity and learning behavior simulation. <i>RSC Advances</i> , 2016 , 6, 25179-25184	3.7	37
159	Magnetic properties and colossal magnetoresistance of the perovskites La _{2/3} Ca _{1/3} Mn _{1-x} Ti _x O ₃ . <i>Journal of Applied Physics</i> , 2000 , 87, 5597-5599	2.5	35
158	Intrinsically Stretchable Resistive Switching Memory Enabled by Combining a Liquid Metal Based Soft Electrode and a Metal Organic Framework Insulator. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800655	6.4	35
157	Piezocapacitive Flexible E-Skin Pressure Sensors Having Magnetically Grown Microstructures. <i>Advanced Materials Technologies</i> , 2020 , 5, 1900934	6.8	32
156	Controllable strain-induced uniaxial anisotropy of Fe ₈₁ Ga ₁₉ films deposited on flexible bowed-substrates. <i>Journal of Applied Physics</i> , 2013 , 114, 173913	2.5	32
155	Fabrication of FeSiBPNb amorphous powder cores with high DC-bias and excellent soft magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 401, 432-435	2.8	31
154	Magnetic field induced polarization and magnetoelectric effect of Ba _{0.8} Ca _{0.2} TiO ₃ -Ni _{0.2} Cu _{0.3} Zn _{0.5} Fe ₂ O ₄ nanomultiferroic. <i>Journal of Applied Physics</i> , 2013 , 113, 17C731	2.5	30
153	Nanoscale observation of room-temperature ferromagnetism on ultrathin (La,Ba)MnO ₃ films. <i>Applied Physics Letters</i> , 2003 , 83, 1184-1186	3.4	30
152	Tetracyanoquaterrylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Near-Infrared Absorption. <i>Angewandte Chemie</i> , 2013 , 125, 8723-8727	3.6	29
151	Positive temperature coefficient of magnetic anisotropy in polyvinylidene fluoride (PVDF)-based magnetic composites. <i>Scientific Reports</i> , 2014 , 4, 6615	4.9	28
150	Amorphous microwires of high entropy alloys with large magnetocaloric effect. <i>Intermetallics</i> , 2018 , 96, 79-83	3.5	28
149	Effect of buffer layer and external stress on magnetic properties of flexible FeGa films. <i>Journal of Applied Physics</i> , 2013 , 113, 17A901	2.5	28
148	Recent Advances of Quantum Conductance in Memristors. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800864	5.4	27
147	Fieldlike spin-orbit torque in ultrathin polycrystalline FeMn films. <i>Physical Review B</i> , 2016 , 93,	3.3	27

146	Synthesis and nonvolatile memristive switching effect of a donor-acceptor structured oligomer. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 664-673	7.1	26
145	Nanopatterning of perovskite manganite thin films by atomic force microscope lithography. <i>Nanotechnology</i> , 2005 , 16, 28-31	3.4	24
144	Magnetocaloric effect in Fe ₄₀ Mn ₆₀ B metallic glasses near room temperature. <i>Journal of Non-Crystalline Solids</i> , 2015 , 425, 114-117	3.9	23
143	Asymmetric Structure Based Flexible Strain Sensor for Simultaneous Detection of Various Human Joint Motions. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 1866-1872	4	22
142	Anomalous Hall magnetoresistance in a ferromagnet. <i>Nature Communications</i> , 2018 , 9, 2255	17.4	22
141	Pure spin-Hall magnetoresistance in Rh/Y ₃ Fe ₅ O ₁₂ hybrid. <i>Scientific Reports</i> , 2015 , 5, 17734	4.9	22
140	Atomic force microscope lithography in perovskite manganite La _{0.8} Ba _{0.2} MnO ₃ films. <i>Journal of Applied Physics</i> , 2004 , 95, 7091-7093	2.5	22
139	Recyclable Liquid Metal-Based Circuit on Paper. <i>Advanced Materials Technologies</i> , 2018 , 3, 1800131	6.8	21
138	Recovery of gold from hydrometallurgical leaching solution of electronic waste via spontaneous reduction by polyaniline. <i>Progress in Natural Science: Materials International</i> , 2017 , 27, 514-519	3.6	21
137	Microwave absorbing properties of FeCrMoNiPBCSi amorphous powders composite. <i>Journal of Alloys and Compounds</i> , 2017 , 705, 309-313	5.7	19
136	Magnetic softness and magnetization dynamics of FeSiBNbCu(P,Mo) nanocrystalline alloys with good high-frequency characterization. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 478, 192-197	2.8	19
135	Evolution of shear bands into cracks in metallic glasses. <i>Journal of Alloys and Compounds</i> , 2015 , 621, 238-243	5.7	19
134	Electromagnetic and microwave-absorbing properties of Co-based amorphous wire and Ce ₂ Fe ₁₇ N ₃ -Ti composite. <i>Journal of Alloys and Compounds</i> , 2018 , 730, 255-260	5.7	19
133	Resistance-Switchable Graphene Oxide-Polymer Nanocomposites for Molecular Electronics. <i>ChemElectroChem</i> , 2014 , 1, 514-519	4.3	19
132	Preparation and ferroelectric properties of freestanding Pb(Zr,Ti)O ₃ thin membranes. <i>Journal Physics D: Applied Physics</i> , 2012 , 45, 185302	3	19
131	Large low-field magnetoresistance of phase-separated single-crystalline Pr _{0.7} Pb _{0.3} MnO ₃ . <i>Applied Physics Letters</i> , 2002 , 80, 3367-3369	3.4	19
130	Microwave absorption properties of planar-anisotropy Ce ₂ Fe ₁₇ N ₃ powders/Silicone composite in X-band. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 424, 39-43	2.8	18
129	Composition effect on intrinsic plasticity or brittleness in metallic glasses. <i>Scientific Reports</i> , 2014 , 4, 5733	4.9	18

128	Controllable and Stable Quantized Conductance States in a Pt/HfOx/ITO Memristor. <i>Advanced Electronic Materials</i> , 2020 , 6, 1901055	6.4	18
127	Magnetostrictive GMR spin valves with composite FeGa/FeCo free layers. <i>AIP Advances</i> , 2016 , 6, 035206	1.5	18
126	Enhanced stress-invariance of magnetization direction in magnetic thin films. <i>Applied Physics Letters</i> , 2017 , 111, 132405	3.4	17
125	Controlled Construction of Atomic Point Contact with 16 Quantized Conductance States in Oxide Resistive Switching Memory. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 789-798	4	17
124	Giant anisotropic magnetoresistance in bilayered La _{1.2} Sr _{1.8} Mn ₂ O ₇ single crystals. <i>Applied Physics Letters</i> , 2011 , 98, 212503	3.4	17
123	Antiferro- to ferromagnetic transition and large magnetoresistance in YMn ₆ Sn ₆ Ti _x (x=0-1.0) compounds. <i>Journal of Applied Physics</i> , 2002 , 91, 5250-5253	2.5	17
122	Tuning magnetic anisotropy of amorphous CoFeB film by depositing on convex flexible substrates. <i>AIP Advances</i> , 2016 , 6, 056106	1.5	17
121	Surface morphology and magnetic property of wrinkled FeGa thin films fabricated on elastic polydimethylsiloxane. <i>Applied Physics Letters</i> , 2016 , 108, 102409	3.4	17
120	Nanoporous metal/metal-oxide composite prepared by one-step de-alloying AlNiCoYCu metallic glasses. <i>Journal of Alloys and Compounds</i> , 2017 , 703, 461-465	5.7	16
119	Effect of epitaxial strain and lattice mismatch on magnetic and transport behaviors in metamagnetic FeRh thin films. <i>AIP Advances</i> , 2017 , 7, 056314	1.5	16
118	Magnetic anisotropy and high-frequency property of flexible FeCoTa films obliquely deposited on a wrinkled topography. <i>Scientific Reports</i> , 2017 , 7, 2837	4.9	15
117	Tunneling magnetoresistance induced by controllable formation of Co filaments in resistive switching Co/ZnO/Fe structures. <i>Europhysics Letters</i> , 2014 , 108, 58004	1.6	15
116	In-plane anisotropic converse magnetoelectric coupling effect in FeGa/polyvinylidene fluoride heterostructure films. <i>Journal of Applied Physics</i> , 2013 , 113, 17C705	2.5	15
115	Relaxation of nanopatterns on Nb-doped SrTiO ₃ surface. <i>Applied Physics Letters</i> , 2004 , 84, 2670-2672	3.4	15
114	Rapid detection of Escherichia coli O157:H7 using tunneling magnetoresistance biosensor. <i>AIP Advances</i> , 2017 , 7, 056658	1.5	14
113	A Wearable Capacitive Sensor Based on Ring/Disk-Shaped Electrode and Porous Dielectric for Noncontact Healthcare Monitoring. <i>Global Challenges</i> , 2020 , 4, 1900079	4.3	14
112	Flexural Strength and Weibull Analysis of Bulk Metallic Glasses. <i>Journal of Materials Science and Technology</i> , 2016 , 32, 129-133	9.1	14
111	Electric-field control of magnetic anisotropy in Fe ₈₁ Ga ₁₉ /BaTiO ₃ heterostructure films. <i>AIP Advances</i> , 2014 , 4, 117113	1.5	14

110	Flexible supercapacitor electrodes fabricated by dealloying nanocrystallized Al-Ni-Co-Y-Cu metallic glasses. <i>Journal of Alloys and Compounds</i> , 2019 , 772, 164-172	5.7	14
109	Magnetization reversal in epitaxial exchange-biased IrMn/FeGa bilayers with anisotropy geometries controlled by oblique deposition. <i>Physical Review B</i> , 2015 , 91,	3.3	13
108	Magnetocaloric effect of FeREB ₂ (RE = Tb, Ho or Tm) bulk metallic glasses with high glass-forming ability. <i>Journal of Alloys and Compounds</i> , 2015 , 644, 346-349	5.7	13
107	Anisotropic magnetoresistance in polycrystalline La _{0.67} (Ca _{1-x} Sr _x) _{0.33} MnO ₃ . <i>Journal Physics D: Applied Physics</i> , 2012 , 45, 245001	3	13
106	Structure and magnetic properties of (x= 0-3) compounds with R = Y and Pr. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, 2445-2452	1.8	13
105	Hydrogen Bonding in Self-Healing Elastomers. <i>ACS Omega</i> , 2021 , 6, 9319-9333	3.9	13
104	Thin and broadband Ce ₂ Fe ₁₇ N ₃ - γ -MWCNTs composite absorber with efficient microwave absorption. <i>Journal of Alloys and Compounds</i> , 2019 , 787, 1097-1103	5.7	13
103	Determination of stress-coefficient of magnetoelastic anisotropy in flexible amorphous CoFeB film by anisotropic magnetoresistance. <i>Applied Physics Letters</i> , 2017 , 111, 142403	3.4	12
102	Crystallization Behavior of FeSiBPCu Nanocrystalline Soft-Magnetic Alloys with High Fe Content. <i>Science of Advanced Materials</i> , 2015 , 7, 2721-2725	2.3	12
101	Synthesis of single-crystal La _{0.67} Sr _{0.33} MnO ₃ freestanding films with different crystal-orientation. <i>APL Materials</i> , 2020 , 8, 051105	5.7	11
100	Development of FeNiNbSiBP bulk metallic glassy alloys with excellent magnetic properties and high glass forming ability evaluated by different criterions. <i>Intermetallics</i> , 2016 , 71, 1-6	3.5	11
99	Extraordinary Hall resistance and unconventional magnetoresistance in Pt/LaCoO ₃ hybrids. <i>Physical Review B</i> , 2015 , 92,	3.3	11
98	Thermally assisted electric field control of magnetism in flexible multiferroic heterostructures. <i>Scientific Reports</i> , 2014 , 4, 6925	4.9	11
97	Dumbbell-Like FeO@N-Doped Carbon@2H/1T-MoS with Tailored Magnetic and Dielectric Loss for Efficient Microwave Absorbing. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47061-47071	9.5	11
96	Reversibly controlled magnetic domains of Co film via electric field driven oxygen migration at nanoscale. <i>Applied Physics Letters</i> , 2019 , 114, 232401	3.4	10
95	2D Nanovaristors at Grain Boundaries Account for Memristive Switching in Polycrystalline BiFeO ₃ . <i>Advanced Electronic Materials</i> , 2015 , 1, 1500019	6.4	10
94	Dynamic magnetic characteristics of Fe ₇₈ Si ₁₃ B ₉ amorphous alloy subjected to operating temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 408, 159-163	2.8	10
93	Manipulation of Exchange Bias Effect via All-Solid-State Li-Ion Redox Capacitor with Antiferromagnetic Electrode. <i>Physical Review Applied</i> , 2020 , 14,	4.3	10

92	Liquid Metal-Based Strain Sensor with Ultralow Detection Limit for Human-Machine Interface Applications. <i>Advanced Intelligent Systems</i> , 2021 , 3, 2000235	6	10
91	Ten States of Nonvolatile Memory through Engineering Ferromagnetic Remanent Magnetization. <i>Advanced Functional Materials</i> , 2019 , 29, 1806460	15.6	10
90	Implementation of All 27 Possible Univariate Ternary Logics With a Single ZnO Memristor. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 4710-4715	2.9	9
89	Interactions of Shear Bands in a Ductile Metallic Glass. <i>Journal of Iron and Steel Research International</i> , 2016 , 23, 48-52	1.2	9
88	Ion transport-related resistive switching in film sandwich structures. <i>Science Bulletin</i> , 2014 , 59, 2363-2382		9
87	Magnetic transition and large low-field magnetoresistance near Curie temperature in polycrystalline La _{2/3} A _{1/3} MnO ₃ (A=Ca,Sr). <i>Journal of Applied Physics</i> , 2003 , 93, 8092-8094	2.5	9
86	Magnetic glass behavior and magnetoresistive properties of perovskite cobaltites La _{0.7} Sr _{0.3} Co _{1-x} Ga _x O ₃ . <i>Physical Review B</i> , 1999 , 60, 14541-14544	3.3	9
85	Stretchable tactile sensor with high sensitivity and dynamic stability based on vertically aligned urchin-shaped nanoparticles. <i>Materials Today Physics</i> , 2020 , 14, 100219	8	9
84	Lattice-Mismatch-Induced Oscillatory Feature Size and Its Impact on the Physical Limitation of Grain Size. <i>Physical Review Applied</i> , 2018 , 9,	4.3	8
83	Strain assisted electrocaloric effect in PbZr _{0.95} Ti _{0.05} O ₃ films on 0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ substrate. <i>Scientific Reports</i> , 2015 , 5, 16164	4.9	8
82	Preparation of nanoporous silver micro-particles through ultrasonic-assisted dealloying of Mg-Ag alloy ribbons. <i>Materials Letters</i> , 2015 , 144, 138-141	3.3	8
81	Strain induced tunable anisotropic magnetoresistance in La _{0.67} Ca _{0.33} MnO ₃ /BaTiO ₃ heterostructures. <i>Journal of Applied Physics</i> , 2013 , 113, 17C716	2.5	8
80	Thermal stability of Al nanocluster arrays on Si (111)-7 × 7 surfaces. <i>Nanotechnology</i> , 2006 , 17, 2018-2022	3.4	8
79	Structure, magnetic properties and phase separation of Nd _{0.5} Ca _{0.5} Mn _{1-x} Ga _x O ₃ (0 ≤ x ≤ 0.1). <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 265, 248-256	2.8	8
78	Reversible Control of Magnetic Anisotropy and Magnetization in Amorphous Co ₄₀ Fe ₄₀ B ₂₀ Thin Films via All-Solid-State Li-ion Redox Capacitor. <i>Physical Review Applied</i> , 2019 , 12,	4.3	8
77	Industrialization of a FeSiBNbCu nanocrystalline alloy with high Bs of 1.39 T and outstanding soft magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 19517-19523	2.1	8
76	High-throughput investigation of orientations effect on nanoscale magnetization reversal in cobalt ferrite thin films induced by electric field. <i>Applied Physics Letters</i> , 2017 , 111, 162401	3.4	7
75	The evolution of relaxation modes during isothermal annealing and its influence on properties of Fe-based metallic glass. <i>Journal of Non-Crystalline Solids</i> , 2019 , 509, 95-98	3.9	7

74	Anti-oxidative passivation and electrochemical activation of black phosphorus via covalent functionalization and its nonvolatile memory application. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 7309-7313	7.1	7
73	Emergent ferromagnetism with tunable perpendicular magnetic anisotropy in short-periodic SrIrO ₃ /SrRuO ₃ superlattices. <i>Applied Physics Letters</i> , 2020 , 116, 142401	3.4	7
72	Direct imaging of cross-sectional magnetization reversal in an exchange-biased CoFeB/IrMn bilayer. <i>Physical Review B</i> , 2018 , 97,	3.3	7
71	Reversible Luminescence Modulation upon an Electric Field on a Full Solid-State Device Based on Lanthanide Dimers. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15551-6	9.5	7
70	2D Magnetic Mesocrystals for Bit Patterned Media. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800997	4.6	7
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