

Run-wei Li

List of Publications by Year in Descending Order

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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
g-index

233
ext. papers

7,717
ext. citations

6.3
avg, IF

5.87
L-index

#	Paper	IF	Citations
217	Cooperative control of perpendicular magnetic anisotropy via crystal structure and orientation in freestanding SrRuO ₃ membranes. <i>Npj Flexible Electronics</i> , 2022 , 6,	10.7	6
216	Self-powered stretchable strain sensors for motion monitoring and wireless control. <i>Nano Energy</i> , 2022 , 92, 106754	17.1	7
215	Liquid Metal Based Nano-Composites for Printable Stretchable Electronics.. <i>Sensors</i> , 2022 , 22,	3.8	1
214	Ultra-robust stretchable electrode for e-skin: In situ assembly using a nanofiber scaffold and liquid metal to mimic water-to-net interaction. <i>Information Materials</i> , 2022 , 4,	23.1	6
213	0D/1D/2D architectural Co@C/MXene composite for boosting microwave attenuation performance in 2.48 GHz. <i>Carbon</i> , 2022 , 193, 182-194	10.4	1
212	Crystal Orientations Dependent Polarization Reversal in Ferroelectric PbZr _{0.2} Ti _{0.8} O ₃ Thin Films for Multilevel Data Storage Applications. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100871	4.6	0
211	Phase Manipulating toward Molybdenum Disulfide for Optimizing Electromagnetic Wave Absorbing in Gigahertz. <i>Advanced Functional Materials</i> , 2021 , 31, 2011229	15.6	43
210	Hydrogen Bonding in Self-Healing Elastomers. <i>ACS Omega</i> , 2021 , 6, 9319-9333	3.9	13
209	A flexible metamaterial based on liquid metal patterns embedded in magnetic medium for lightweight microwave absorber. <i>Materials Research Bulletin</i> , 2021 , 137, 111199	5.1	2
208	Liquid Metal-Based Strain Sensor with Ultralow Detection Limit for Human-Machine Interface Applications. <i>Advanced Intelligent Systems</i> , 2021 , 3, 2000235	6	10
207	Effect of isothermal crystallization in antiferromagnetic IrMn on the formation of spontaneous exchange bias. <i>Applied Physics Letters</i> , 2021 , 118, 252404	3.4	2
206	Effects of Si content on structure and soft magnetic properties of Fe _{81.3} Si _{17-x} Cu _{1.7} nanocrystalline alloys with pre-existing Fe nanocrystals. <i>Journal of Materials Science</i> , 2021 , 56, 2539-2548	4.3	3
205	Stretchable and Twistable Resistive Switching Memory with Information Storage and Computing Functionalities. <i>Advanced Materials Technologies</i> , 2021 , 6, 2000810	6.8	3
204	A visible light-triggered artificial photonic nociceptor with adaptive tunability of threshold. <i>Nanoscale</i> , 2021 , 13, 1029-1037	7.7	4
203	Electric Field Control of Magnetic Properties by Means of Li ⁺ Migration in FeRh Thin Film. <i>Magnetochemistry</i> , 2021 , 7, 45	3.1	
202	Mechanical Analysis and Experimental Studies of the Transverse Strain in Wrinkled Metallic Thin Films. <i>Metals</i> , 2021 , 11, 427	2.3	0
201	Bio-Inspired Multi-Mode Pain-Perceptual System (MMPPS) with Noxious Stimuli Warning, Damage Localization, and Enhanced Damage Protection. <i>Advanced Science</i> , 2021 , 8, 2004208	13.6	4

200	Lateral Modulation of Magnetic Anisotropy in Tricolor 3dBd Oxide Superlattices. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 4210-4217	4	0
199	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
198	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
197	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
196	A Stretchable Capacitive Strain Sensor Having Adjustable Elastic Modulus Capability for Wide-Range Force Detection. <i>Advanced Engineering Materials</i> , 2020 , 22, 2070011	3.5	1
195	Inferring the magnetic anisotropy of a nanosample through dynamic cantilever magnetometry measurements. <i>Applied Physics Letters</i> , 2020 , 116, 193102	3.4	2
194	Layer-by-layer epitaxial growth of monoclinic SrIrO ₃ thin films on (111)-oriented SrTiO ₃ through interface engineering. <i>Thin Solid Films</i> , 2020 , 709, 138119	2.2	2
193	Materials with strong spin-textured bands. <i>Npj Quantum Materials</i> , 2020 , 5,	5	4
192	Preparation and magnetic properties of wrinkled FeRh flexible films. <i>AIP Advances</i> , 2020 , 10, 025327	1.5	2
191	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
190	Strain-Insensitive Elastic Surface Electromyographic (sEMG) Electrode for Efficient Recognition of Exercise Intensities. <i>Micromachines</i> , 2020 , 11,	3.3	1
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	Piezocapacitive Flexible E-Skin Pressure Sensors Having Magnetically Grown Microstructures. <i>Advanced Materials Technologies</i> , 2020 , 5, 1900934	6.8	32
187	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
186	Oxygen vacancy enhanced ferroelectricity in BTO:SRO nanocomposite films. <i>Acta Materialia</i> , 2020 , 199, 9-18	8.4	6
185	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
184	Controllable and Stable Quantized Conductance States in a Pt/HfOx/ITO Memristor. <i>Advanced Electronic Materials</i> , 2020 , 6, 1901055	6.4	18
183	A Stretchable Capacitive Strain Sensor Having Adjustable Elastic Modulus Capability for Wide-Range Force Detection. <i>Advanced Engineering Materials</i> , 2020 , 22, 1901239	3.5	6

182	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
181	Magnetism modulation and conductance quantization in a gadolinium oxide memristor. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 26322-26329	3.6	2
180	Magnetocrystalline anisotropy imprinting of an antiferromagnet on an amorphous ferromagnet in FeRh/CoFeB heterostructures. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	4
179	Emergent Ferroelectricity in Otherwise Nonferroelectric Oxides by Oxygen Vacancy Design at Heterointerfaces. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45602-45610	9.5	6
178	Stress-coefficient of magnetoelastic anisotropy in flexible Fe, Co and Ni thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 505, 166750	2.8	5
177	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
176	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
175	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
174	Recent Advances of Quantum Conductance in Memristors. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800864	4	27
173	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
172	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
171	Method for Assembling Nanosamples and a Cantilever for Dynamic Cantilever Magnetometry. <i>Physical Review Applied</i> , 2019 , 11,	4.3	4
170	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
169	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
168	An Oxide Schottky Junction Artificial Optoelectronic Synapse. <i>ACS Nano</i> , 2019 , 13, 2634-2642	16.7	104
167	A univariate ternary logic and three-valued multiplier implemented in a nano-columnar crystalline zinc oxide memristor.. <i>RSC Advances</i> , 2019 , 9, 24595-24602	3.7	0
166	Redox gated polymer memristive processing memory unit. <i>Nature Communications</i> , 2019 , 10, 736	17.4	55
165	Thin and broadband Ce ₂ Fe ₁₇ N ₃ - μ MWCNTs composite absorber with efficient microwave absorption. <i>Journal of Alloys and Compounds</i> , 2019 , 787, 1097-1103	5.7	13

164	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
163	Magnetoelastic anisotropy of antiferromagnetic materials. <i>Applied Physics Letters</i> , 2019 , 115, 242403	3.4	5
162	Nanoscale magnetization reversal by electric field-induced ion migration. <i>MRS Communications</i> , 2019 , 9, 14-26	2.7	6
161	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
160	Printable Liquid-Metal@PDMS Stretchable Heater with High Stretchability and Dynamic Stability for Wearable Thermotherapy. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800435	6.8	61
159	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
158	Ten States of Nonvolatile Memory through Engineering Ferromagnetic Remanent Magnetization. <i>Advanced Functional Materials</i> , 2019 , 29, 1806460	15.6	10
157	Organic and hybrid resistive switching materials and devices. <i>Chemical Society Reviews</i> , 2019 , 48, 1531-1565	15.65	172
156	Direct imaging of cross-sectional magnetization reversal in an exchange-biased CoFeB/IrMn bilayer. <i>Physical Review B</i> , 2018 , 97,	3.3	7
155	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
154	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
153	Amorphous microwires of high entropy alloys with large magnetocaloric effect. <i>Intermetallics</i> , 2018 , 96, 79-83	3.5	28
152	Polyaniline-poly(vinylidene fluoride) blend microfiltration membrane and its spontaneous gold recovery application. <i>Science China Chemistry</i> , 2018 , 61, 118-126	7.9	2
151	Electromagnetic and microwave-absorbing properties of Co-based amorphous wire and Ce ₂ Fe ₁₇ N ₃ -Composite. <i>Journal of Alloys and Compounds</i> , 2018 , 730, 255-260	5.7	19
150	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
149	2D Magnetic Mesocrystals for Bit Patterned Media. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800997	4.6	7
148	Recyclable Liquid Metal-Based Circuit on Paper. <i>Advanced Materials Technologies</i> , 2018 , 3, 1800131	6.8	21
147	Anomalous Hall magnetoresistance in a ferromagnet. <i>Nature Communications</i> , 2018 , 9, 2255	17.4	22

146	A skin-inspired tactile sensor for smart prosthetics. <i>Science Robotics</i> , 2018 , 3,	18.6	117
145	Enhanced and broadband absorber with surface pattern design for X-Band. <i>Current Applied Physics</i> , 2018 , 18, 55-60	2.6	5
144	Multifunctional Optoelectronic Device Based on Resistive Switching Effects 2018 ,		2
143	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
142	Mechano-regulated metal-organic framework nanofilm for ultrasensitive and anti-jamming strain sensing. <i>Nature Communications</i> , 2018 , 9, 3813	17.4	46
141	A novel approach based on magneto-electric torque sensor for non-contact biomarkers detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 276, 540-544	8.5	3
140	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
139	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
138	Microwave absorbing properties of FeCrMoNiPBCSi amorphous powders composite. <i>Journal of Alloys and Compounds</i> , 2017 , 705, 309-313	5.7	19
137	Highly flexible resistive switching memory based on amorphous-nanocrystalline hafnium oxide films. <i>Nanoscale</i> , 2017 , 9, 7037-7046	7.7	89
136	Rapid detection of Escherichia coli O157:H7 using tunneling magnetoresistance biosensor. <i>AIP Advances</i> , 2017 , 7, 056658	1.5	14
135	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
134	Enhanced stress-invariance of magnetization direction in magnetic thin films. <i>Applied Physics Letters</i> , 2017 , 111, 132405	3.4	17
133	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
132	Light-Gated Memristor with Integrated Logic and Memory Functions. <i>ACS Nano</i> , 2017 , 11, 11298-11305	16.7	116
131	Nanochannels: A 1D Vanadium Dioxide Nanochannel Constructed via Electric-Field-Induced Ion Transport and its Superior Metal/Insulator Transition (Adv. Mater. 39/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
130	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
129	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

128	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
127	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
126	Fe78Si9B13 amorphous powder core with improved magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 1180-1185	2.1	5
125	Microwave absorption properties of planar-anisotropy Ce2Fe17N3 powders/Silicone composite in X-band. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 424, 39-43	2.8	18
124	Nonlinear fragile-to-strong transition in a magnetic glass system driven by magnetic field. <i>AIP Advances</i> , 2017 , 7, 125014	1.5	2
123	In Situ Nanoscale Electric Field Control of Magnetism by Nanoionics. <i>Advanced Materials</i> , 2016 , 28, 7658-65	4.4	44
122	Fieldlike spin-orbit torque in ultrathin polycrystalline FeMn films. <i>Physical Review B</i> , 2016 , 93,	3.3	27
121	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
120	Flexural Strength and Weibull Analysis of Bulk Metallic Glasses. <i>Journal of Materials Science and Technology</i> , 2016 , 32, 129-133	9.1	14
119	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
118	Dynamic magnetic characteristics of Fe78Si13B9 amorphous alloy subjected to operating temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 408, 159-163	2.8	10
117	Influence of Thermal Deformation on Exchange Bias in FeGa/IrMn Bilayers Grown on Flexible Polyvinylidene Fluoride Membranes. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	4
116	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
115	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
114	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
113	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
112	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
111	Functional Oxide Thin Films and Nanostructures: Growth, Interface, and Applications. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-2	3.2	1

110	Organic Biomimicking Memristor for Information Storage and Processing Applications. <i>Advanced Electronic Materials</i> , 2016 , 2, 1500298	6.4	130
109	Magnetostrictive GMR spin valves with composite FeGa/FeCo free layers. <i>AIP Advances</i> , 2016 , 6, 035206	1.5	18
108	Effect of IrMn inserted layer on anomalous-Hall resistance and spin-Hall magnetoresistance in Pt/IrMn/YIG heterostructures. <i>Journal of Applied Physics</i> , 2016 , 120, 133901	2.5	5
107	Tuning magnetic anisotropy of amorphous CoFeB film by depositing on convex flexible substrates. <i>AIP Advances</i> , 2016 , 6, 056106	1.5	17
106	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
105	Stretchable Spin Valve with Stable Magnetic Field Sensitivity by Ribbon-Patterned Periodic Wrinkles. <i>ACS Nano</i> , 2016 , 10, 4403-9	16.7	46
104	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
103	Role of the Co-based microwires/polymer matrix interface on giant magneto impedance response. <i>Journal of Alloys and Compounds</i> , 2015 , 643, S95-S98	5.7	2
102	Magnetoinductance and magnetoimpedance response of Co-based multi-wire arrays. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 393, 278-283	2.8	5
101	Fabrication of FePbNbCr Glassy Cores With Good Soft Magnetic Properties by Hot Pressing. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	1
100	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
99	Metal-Organic Framework Nanofilm for Mechanically Flexible Information Storage Applications. <i>Advanced Functional Materials</i> , 2015 , 25, 2677-2685	15.6	106
98	2D Nanovaristors at Grain Boundaries Account for Memristive Switching in Polycrystalline BiFeO ₃ . <i>Advanced Electronic Materials</i> , 2015 , 1, 1500019	6.4	10
97	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
96	Magnetocaloric effect in Fe _{100-x} Mn _x Nb metallic glasses near room temperature. <i>Journal of Non-Crystalline Solids</i> , 2015 , 425, 114-117	3.9	23
95	Magnetic Anisotropy and Reversal in Epitaxial FeGa/MgO(001) Films Deposited at Oblique Incidence. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	1
94	Preparation and magnetic properties of (Co _{0.6} Fe _{0.3} Ni _{0.1}) _{70-x} (B _{0.811} Si _{0.189}) _{25+x} Nb ₅ bulk glassy alloys. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7006-7012	2.1	6
93	Evolution of shear bands into cracks in metallic glasses. <i>Journal of Alloys and Compounds</i> , 2015 , 621, 238-243	2.43	19

92	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
91	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
90	Switching Memory: An Optoelectronic Resistive Switching Memory with Integrated Demodulating and Arithmetic Functions (Adv. Mater. 17/2015). <i>Advanced Materials</i> , 2015 , 27, 2812-2812	24	
89	Anisotropic field-induced melting of orbital ordered structure in Pr _{0.6} Ca _{0.4} MnO ₃ . <i>Physical Review B</i> , 2015 , 91,	3.3	5
88	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
87	Extraordinary Hall resistance and unconventional magnetoresistance in Pt/LaCoO ₃ hybrids. <i>Physical Review B</i> , 2015 , 92,	3.3	11
86	Pure spin-Hall magnetoresistance in Rh/Y ₃ Fe ₅ O ₁₂ hybrid. <i>Scientific Reports</i> , 2015 , 5, 17734	4.9	22
85	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
84	Magnetocaloric effect of FeRE ₂ Nb (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
83	An optoelectronic resistive switching memory with integrated demodulating and arithmetic functions. <i>Advanced Materials</i> , 2015 , 27, 2797-803	24	131
82	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
81	Modulation of Magnetic Anisotropy in Flexible Multiferroic FeGa/PVDF Heterostructures Under Various Strains. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	1
80	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
79	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
78	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
77	Positive temperature coefficient of magnetic anisotropy in polyvinylidene fluoride (PVDF)-based magnetic composites. <i>Scientific Reports</i> , 2014 , 4, 6615	4.9	28
76	Thermally Stable Transparent Resistive Random Access Memory based on All-Oxide Heterostructures. <i>Advanced Functional Materials</i> , 2014 , 24, 2171-2179	15.6	124
75	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

74	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
73	Structural effect on the resistive switching behavior of triphenylamine-based poly(azomethine)s. <i>Chemical Communications</i> , 2014 , 50, 11496-9	5.8	39
72	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
71	Ion transport-related resistive switching in film sandwich structures. <i>Science Bulletin</i> , 2014 , 59, 2363-2382		9
70	High strength CoFe-based glassy alloy with high thermal stability. <i>Materials Letters</i> , 2014 , 114, 126-128	3.3	6
69	Polymer memristor for information storage and neuromorphic applications. <i>Materials Horizons</i> , 2014 , 1, 489	14.4	146
68	Thermally assisted electric field control of magnetism in flexible multiferroic heterostructures. <i>Scientific Reports</i> , 2014 , 4, 6925	4.9	11
67	Composition effect on intrinsic plasticity or brittleness in metallic glasses. <i>Scientific Reports</i> , 2014 , 4, 5733	4.9	18
66	Unusual anisotropic magnetoresistance in charge-orbital ordered Nd _{0.5} Sr _{0.5} MnO ₃ polycrystals. <i>Journal of Applied Physics</i> , 2014 , 116, 234505	2.5	3
65	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
64	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
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