Fengqi Song

List of Publications by Citations

153 papers	4,559 citations	30 h-index	62 g-index
165 ext. papers	5,337 ext. citations	6.9 avg, IF	5.09 L-index

#	Paper	IF	Citations
153	Hopping transport through defect-induced localized states in molybdenum disulphide. *Nature Communications*, **2013**, 4, 2642	17.4	740
152	Integrated digital inverters based on two-dimensional anisotropic ReS2 field-effect transistors. *Nature Communications*, **2015**, 6, 6991	17.4	417
151	Two-dimensional quasi-freestanding molecular crystals for high-performance organic field-effect transistors. *Nature Communications*, **2014**, 5, 5162	17.4	270
150	Pressure-driven dome-shaped superconductivity and electronic structural evolution in tungsten ditelluride. *Nature Communications*, **2015**, 6, 7805	17.4	254
149	Nontrivial Berry phase and type-II Dirac transport in the layered material PdTe2. *Physical Review B*, **2017**, 96,	3.3	135
148	Discovery of a new type of topological Weyl fermion semimetal state in MoWTe. *Nature Communications*, **2016**, 7, 13643	17.4	134
147	Intrinsic magnetic topological insulator phases in the Sb doped MnBiTe bulks and thin flakes. *Nature Communications*, **2019**, 10, 4469	17.4	122
146	Fermi arc electronic structure and Chern numbers in the type-II Weyl semimetal candidate MoxW1⊠Te2. *Physical Review B*, **2016**, 94,	3.3	106
145	Evidence of Both Surface and Bulk Dirac Bands and Anisotropic Nonsaturating Magnetoresistance in ZrSiS. *Advanced Electronic Materials*, **2016**, 2, 1600228	6.4	98
144	The In-Plane Anisotropy of WTe2 Investigated by Angle-Dependent and Polarized Raman Spectroscopy. *Scientific Reports*, **2016**, 6, 29254	4.9	82
143	Controllable Synthesis of Two- Dimensional Metal Nanoparticle Arrays with Oriented Size and Number Density Gradients. *Advanced Materials*, **2007**, 19, 2979-2983	24	69
142	Two-dimensional universal conductance fluctuations and the electron-phonon interaction of surface states in Bi2Te2Se microflakes. *Scientific Reports*, **2012**, 2, 595	4.9	61
141	Evidence of weak localization in quantum interference effects observed in epitaxial La0.7Sr0.3MnO3 ultrathin films. *Scientific Reports*, **2016**, 6, 26081	4.9	53
140	Weak antilocalization in Cd3As2 thin films. *Scientific Reports*, **2016**, 6, 22377	4.9	52
139	Topological transport and atomic tunnelling-clustering dynamics for aged Cu-doped Bi2Te3 crystals. *Nature Communications*, **2014**, 5, 5022	17.4	50
138	Atomic-Scale Visualization of Quasiparticle Interference on a Type-II Weyl Semimetal Surface. *Physical Review Letters*, **2016**, 117, 266804	7.4	50
137	Solvothermal Synthesis of Lateral Heterojunction Sb2Te3/Bi2Te3 Nanoplates. *Nano Letters*, **2015**, 15, 5905-11	11.5	48

136	Scaling dopant states in a semiconducting nanostructure by chemically resolved electron energy-loss spectroscopy: a case study on Co-doped ZnO. *Journal of the American Chemical Society*, **2010**, 132, 6492-7	16.4	39
135	Plume dynamics during film and nanoparticles deposition by pulsed laser ablation. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2002**, 302, 182-189	2.3	39
134	Preparation of SnO2 nanorods by annealing SnO2 powder in NaCl flux. *Journal of Materials Chemistry*, **2002**, 12, 1922-1925		39
133	Pressure-induced Td to 1T? structural phase transition in WTe2. *AIP Advances*, **2016**, 6, 075008	1.5	39
132	High-Mobility Sm-Doped Bi2 Se3 Ferromagnetic Topological Insulators and Robust Exchange Coupling. *Advanced Materials*, **2015**, 27, 4823-9	24	36
131	Nontopological origin of the planar Hall effect in the type-II Dirac semimetal NiTe2. *Physical Review B*, **2019**, 99,	3.3	33
130	Field emission from a periodic amorphous silicon pillar array fabricated by modified nanosphere lithography. *Nanotechnology*, **2008**, 19, 135308	3.4	33
129	The positive piezoconductive effect in graphene. *Nature Communications*, **2015**, 6, 8119	17.4	32
128	A promising method for fabricating Ag nanoparticle modified nonenzyme hydrogen peroxide sensors. *Sensors and Actuators B: Chemical*, **2013**, 181, 125-129	8.5	32
127	Anomalous in-plane anisotropic Raman response of monoclinic semimetal 1 T′-MoTe. *Scientific Reports*, **2017**, 7, 1758	4.9	32
126	Experimental evidence and control of the bulk-mediated intersurface coupling in topological insulator Bi2Te2Se nanoribbons. *Physical Review B*, **2015**, 91,	3.3	31
125	Experimental Observation of the Gate-Controlled Reversal of the Anomalous Hall Effect in the Intrinsic Magnetic Topological Insulator MnBiTe Device. *Nano Letters*, **2020**, 20, 709-714	11.5	31
124	Quasiparticle interference and nonsymmorphic effect on a floating band surface state of ZrSiSe. *Nature Communications*, **2018**, 9, 4153	17.4	31
123	Synthesis of large-area monolayer and bilayer graphene using solid coronene by chemical vapor deposition. *Carbon*, **2016**, 108, 356-362	10.4	30
122	Nonisothermal Synthesis of AB-Stacked Bilayer Graphene on Cu Foils by Atmospheric Pressure Chemical Vapor Deposition. *Journal of Physical Chemistry C*, **2014**, 118, 14655-14661	3.8	29
121	Tuning the transport behavior of centimeter-scale WTe2 ultrathin films fabricated by pulsed laser deposition. *Applied Physics Letters*, **2017**, 111, 031906	3.4	29
120	Thickness-dependent quantum oscillations in Cd3As2thin films. *New Journal of Physics*, **2016**, 18, 083003	2.9	29
119	Band Structure Perfection and Superconductivity in Type-II Dirac Semimetal Ir Pt Te. *Advanced Materials*, **2018**, 30, e1801556	24	28

118	Carrier balance and linear magnetoresistance in type-II Weyl semimetal WTe2. *Frontiers of Physics*, **2017**, 12, 1	3.7	27
117	Manipulating disordered plasmonic systems by external cavity with transition from broadband absorption to reconfigurable reflection. *Nature Communications*, **2020**, 11, 1538	17.4	27
116	Repairing atomic vacancies in single-layer MoSe2 field-effect transistor and its defect dynamics. *Npj Quantum Materials*, **2017**, 2,	5	27
115	Response Characteristics of Hydrogen Sensors Based on PMMA-Membrane-Coated Palladium Nanoparticle Films. *ACS Applied Materials & Interfaces*, **2017**, 9, 27193-27201	9.5	26
114	High-harmonic generation from topological surface states. *Nature Physics*, **2021**, 17, 311-315	16.2	26
113	High-power splitting of expanded graphite to produce few-layer graphene sheets. *Carbon*, **2011**, 49, 2862-2868	10.4	25
112	A Gd@C single-molecule electret. *Nature Nanotechnology*, **2020**, 15, 1019-1024	28.7	25
111	Flexible SmFe/polyvinylidene fluoride heterostructural film with large magnetoelectric voltage output. *Applied Physics Letters*, **2010**, 97, 212902	3.4	23
110	Nanoscale ferromagnetic chromium oxide film from gas-phase nanocluster deposition. *Applied Physics Letters*, **2008**, 92, 173112	3.4	23
109	Systemically tuning the surface plasmon resonance of high-density silver nanoparticle films. *European Physical Journal D*, **2013**, 67, 1	1.3	22
108	Visualizing plasmon coupling in closely spaced chains of Ag nanoparticles by electron energy-loss spectroscopy. *Small*, **2010**, 6, 446-51	11	22
107	Anomalous quantization trajectory and parity anomaly in Co cluster decorated BiSbTeSe nanodevices. *Nature Communications*, **2017**, 8, 977	17.4	21
106	The polarization-dependent anisotropic Raman response of few-layer and bulk WTe2 under different excitation wavelengths. *RSC Advances*, **2016**, 6, 103830-103837	3.7	21
105	Oscillating planar Hall response in bulk crystal of topological insulator Sn doped Bi1.1Sb0.9Te2S. *Applied Physics Letters*, **2018**, 113, 011902	3.4	21
104	Three-Dimensional Anisotropic Magnetoresistance in the Dirac Node-Line Material ZrSiSe. *Scientific Reports*, **2018**, 8, 9340	4.9	21
103	Evidence for a Dirac nodal-line semimetal in SrAs3. *Science Bulletin*, **2018**, 63, 535-541	10.6	21
102	Ultrahigh Hall mobility and suppressed backward scattering in layered semiconductor Bi2O2Se. *Applied Physics Letters*, **2018**, 113, 072106	3.4	21
101	Response behavior of a palladium nanoparticle array based hydrogen sensor in hydrogenitrogen mixture. *Sensors and Actuators A: Physical*, **2012**, 181, 20-24	3.9	21

100	Experimental observation of nanojets formed by heating PbO-coated Pb clusters. *Physical Review Letters*, **2005**, 94, 093401	7.4	20
99	Hierarchical structural complexity in atomically precise nanocluster frameworks. *National Science Review*, **2021**, 8, nwaa077	10.8	20
98	Tailoring exciton dynamics of monolayer transition metal dichalcogenides by interfacial electron-phonon coupling. *Communications Physics*, **2019**, 2,	5.4	19
97	Direct Demonstration of the Emergent Magnetism Resulting from the Multivalence Mn in a LaMnO3 Epitaxial Thin Film System. *Advanced Electronic Materials*, **2018**, 4, 1800055	6.4	19
96	Coupled relaxation channels of excitons in monolayer MoSe. *Nanoscale*, **2017**, 9, 18546-18551	7.7	19
95	Two-dimensional gradient Ag nanoparticle assemblies: multiscale fabrication and SERS applications. *Nanotechnology*, **2010**, 21, 495601	3.4	19
94	Synchronous Growth of High-Quality Bilayer Bernal Graphene: From Hexagonal Single-Crystal Domains to Wafer-Scale Homogeneous Films. *Advanced Functional Materials*, **2017**, 27, 1605927	15.6	18
93	Controllable synthesis and magnetotransport properties of Cd3As2 Dirac semimetal nanostructures. *RSC Advances*, **2017**, 7, 17689-17696	3.7	18
92	Identification of defect-related emissions in ZnO hybrid materials. *Applied Physics Letters*, **2015**, 107, 021902	3.4	18
91	Experimental evidence on the Altshuler-Aronov-Spivak interference of the topological surface states in the exfoliated Bi2Te3 nanoflakes. *Applied Physics Letters*, **2012**, 100, 083107	3.4	18
90	Quantum oscillations in type-II Dirac semimetal PtTe2. *Physical Review B*, **2018**, 97,	3.3	17
89	Intrinsic ferromagnetism and quantum transport transition in individual Fe-doped BiSe topological insulator nanowires. *Nanoscale*, **2017**, 9, 12372-12378	7.7	16
88	Cluster-assembled Tb-Fe nanostructured films produced by low energy cluster beam deposition. *Nanotechnology*, **2007**, 18, 265705	3.4	16
87	Identifying Native Point Defects in the Topological Insulator BiTe. *ACS Nano*, **2020**, 14, 13172-13179	16.7	16
86	Hierarchical self-assembly of silver nanocluster arrays on triblock copolymer templates. *Journal of Physical Chemistry B*, **2006**, 110, 18154-7	3.4	15
85	Indications of topological transport by universal conductance fluctuations in Bi2Te2Se microflakes. *Applied Physics Express*, **2014**, 7, 065202	2.4	14
84	Local electrical conduction in polycrystalline La-doped BiFeO thin films. *Nanotechnology*, **2013**, 24, 225702	3.4	14
83	Enhanced thermal stability of monodispersed silver cluster arrays assembled on block copolymer scaffolds. *Nanotechnology*, **2010**, 21, 195304	3.4	14

82	Free-standing graphene by scanning transmission electron microscopy. *Ultramicroscopy*, **2010**, 110, 1460-1	3.1	14
81	Excitonic Complexes and Emerging Interlayer Electron-Phonon Coupling in BN Encapsulated Monolayer Semiconductor Alloy: WSSe. *Nano Letters*, **2019**, 19, 299-307	11.5	14
80	Electrical switching between exciton dissociation to exciton funneling in MoSe/WS heterostructure. *Nature Communications*, **2020**, 11, 2640	17.4	13
79	Annealing-Induced Bi Bilayer on Bi2Te3 Investigated via Quasi-Particle-Interference Mapping. *ACS Nano*, **2016**, 10, 8778-87	16.7	13
78	Room-temperature observations of the weak localization in low-mobility graphene films. *Journal of Applied Physics*, **2013**, 114, 214502	2.5	13
77	Evidence of layered transport of bulk carriers in Fe-doped Bi2Se3 topological insulators. *Solid State Communications*, **2015**, 211, 29-33	1.6	12
76	Cooling Growth of Millimeter-Size Single-Crystal Bilayer Graphene at Atmospheric Pressure. *Journal of Physical Chemistry C*, **2016**, 120, 13596-13603	3.8	12
75	A Silicon Cluster Based Single Electron Transistor with Potential Room-Temperature Switching. *Chinese Physics Letters*, **2018**, 35, 037301	1.8	12
74	Giant room-temperature magnetocapacitance in Co2+ doped SnO2 dielectric films. *Applied Physics Letters*, **2009**, 95, 152901	3.4	12
73	Cluster-assembled cobalt doped ZnO nanostructured film prepared by low energy cluster beam deposition. *Transactions of Nonferrous Metals Society of China*, **2009**, 19, 1450-1453	3.3	12
72	Topological Phase Transition-Induced Triaxial Vector Magnetoresistance in (BiIn)Se Nanodevices. *ACS Nano*, **2018**, 12, 1537-1543	16.7	11
71	Tunable Formation of Ferromagnetic Nanoparticle Rings: Experiments and Monte Carlo Simulations. *Journal of Physical Chemistry C*, **2012**, 116, 10805-10813	3.8	11
70	(Er, Yb)-co-doped multifunctional ZnO transparent hybrid materials: fabrication, luminescent and magnetic properties. *Journal Physics D: Applied Physics*, **2011**, 44, 155404	3	11
69	Systematic investigation of the SERS efficiency and SERS hotspots in gas-phase deposited Ag nanoparticle assemblies. *Physical Chemistry Chemical Physics*, **2017**, 19, 5091-5101	3.6	10
68	Nontrivial surface state transport in Bi2Se3 topological insulator nanoribbons. *Applied Physics Letters*, **2017**, 110, 053108	3.4	10
67	Quantitative Analysis of Weak Antilocalization Effect of Topological Surface States in Topological Insulator BiSbTeSe. *Nano Letters*, **2019**, 19, 2450-2455	11.5	10
66	Dual enhancement of light extraction efficiency of flip-chip light-emitting diodes with multiple beveled SiC surface and porous ZnO nanoparticle layer coating. *Nanotechnology*, **2015**, 26, 185201	3.4	10
65	High-temperature quantum anomalous Hall effect in honeycomb bilayer consisting of Au atoms and single-vacancy graphene. *Scientific Reports*, **2015**, 5, 16843	4.9	10

64	Reversible switching of magnetic states by electric fields in nitrogenized-divacancies graphene decorated by tungsten atoms. *Scientific Reports*, **2014**, 4, 7575	4.9	10
63	Quantum oscillation and nontrivial transport in the Dirac semimetal Cd3As2 nanodevice. *Applied Physics Letters*, **2016**, 108, 183103	3.4	10
62	The Material Efforts for Quantized Hall Devices Based on Topological Insulators. *Advanced Materials*, **2020**, 32, e1904593	24	10
61	Rendering hydrophobic nanoclusters water-soluble and biocompatible. *Chemical Science*, **2020**, 11, 4808-4816	9.4	10
60	Magneto-transport and Shubnikov-de Haas oscillations in the layered ternary telluride topological semimetal candidate Ta3SiTe6. *Applied Physics Letters*, **2020**, 116, 092402	3.4	9
59	A tunable palladium nanoparticle film-based strain sensor in a Mott variable-range hopping regime. *Sensors and Actuators A: Physical*, **2018**, 272, 161-169	3.9	9
58	Tuning the electrical transport of type II Weyl semimetal WTe nanodevices by Mo doping. *Nanotechnology*, **2018**, 29, 135705	3.4	9
57	Disorder-Induced Material-Insensitive Optical Response in Plasmonic Nanostructures: Vibrant Structural Colors from Noble Metals. *Advanced Materials*, **2021**, 33, e2007623	24	9
56	Moir superlattices at the topological insulator Bi2Te3. *Scientific Reports*, **2016**, 6, 20278	4.9	9
55	Enhanced quantum coherence in graphene caused by Pd cluster deposition. *Applied Physics Letters*, **2015**, 106, 023108	3.4	8
54	Intrinsic topological insulator Bi(1.5)Sb(0.5)Te(3-x)Se(x) thin crystals. *Scientific Reports*, **2015**, 5, 7931	4.9	8
53	Calibrating the atomic balance by carbon nanoclusters. *Applied Physics Letters*, **2010**, 96, 033103	3.4	8
52	Unsaturated magnetoconductance of epitaxial La0.7Sr0.3MnO3 thin films in pulsed magnetic fields up to 60 T. *AIP Advances*, **2017**, 7, 056404	1.5	7
51	Tuning the electrical transport of type II Weyl semimetal WTe nanodevices by Ga+ ion implantation. *Scientific Reports*, **2017**, 7, 12688	4.9	7
50	Visualizing topological insulating Bi2Te3 quintuple layers on SiO2-capped Si substrates and its contrast optimization. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 7042-6	1.3	7
49	Long-Range Ordered Amorphous Atomic Chains as Building Blocks of a Superconducting Quasi-One-Dimensional Crystal. *Advanced Materials*, **2020**, 32, e2002352	24	7
48	Unique Current-Direction-Dependent ON OFF Switching in BiSbTeSe2 Topological Insulator-Based Spin Valve Transistors. *IEEE Electron Device Letters*, **2016**, 1-1	4.4	7
47	Effect of grain boundaries on charge transport in CVD-grown bilayer graphene. *Carbon*, **2019**, 147, 434-440	10.4	6

46	The mechanism exploration for zero-field ferromagnetism in intrinsic topological insulator MnBi2Te4 by Bi2Te3 intercalations. *Applied Physics Letters*, **2020**, 116, 221902	3.4	6
45	Large magnetoresistance in topological insulator candidate TaSe3. *AIP Advances*, **2020**, 10, 095314	1.5	6
44	Sizeable Kane–Mele-like spin orbit coupling in graphene decorated with iridium clusters. *Applied Physics Letters*, **2016**, 108, 203106	3.4	6
43	Phase transition and anomalous scaling in the quantum Hall transport of topological-insulator SnBi1.1Sb0.9Te2S devices. *Physical Review B*, **2019**, 99,	3.3	6
42	Colossal Terahertz Photoresponse at Room Temperature: A Signature of Type-II Dirac Fermiology. *ACS Nano*, **2021**, 15, 5138-5146	16.7	6
41	Layered Topological Insulators and Semimetals for Magnetoresistance Type Sensors. *Advanced Quantum Technologies*, **2018**, 2, 1800039	4.3	6
40	Pressure-induced topological insulator-to-metal transition and superconductivity in Sn-doped Bi1.1Sb0.9Te2S. *Physical Review B*, **2018**, 97,	3.3	6
39	The study on quantum material WTe2. *Advances in Physics: X*, **2018**, 3, 1468279	5.1	6
38	Cobalt–Carbon Complexes Induced Ferromagnetism in Chemically Modified Perovskite Dilute Magnetic Complex Oxides. *Journal of Physical Chemistry C*, **2013**, 117, 18258-18265	3.8	5
37	Anomalous Hall study of magnetic topological insulator Cr0.15(Bi0.1Sb0.9)1.85Te3 microflakes. *Solid State Communications*, **2015**, 223, 45-49	1.6	5
36	Field-emission cascades prepared by boron nitride cluster beam deposition. *Journal of Vacuum Science & Technology B*, **2008**, 26, 1038		5
35	Synthesis and magnetotransport properties of Bi 2 Se 3 nanowires. *Chinese Physics B*, **2017**, 26, 096101	1.2	4
34	The influence of nanoparticle size on the magnetostrictive properties of cluster-assembled TbFe nanofilms. *Thin Solid Films*, **2010**, 518, 3190-3193	2.2	4
33	Films with discrete nano-DLC-particles as the field emission cascade. *Journal Physics D: Applied Physics*, **2008**, 41, 042001	3	4
32	A growth mechanism of Si nanowires synthesized by gas condensation of SiO without any catalyst. *Journal of Crystal Growth*, **2004**, 269, 207-212	1.6	4
31	Unconventional anomalous Hall effect in magnetic topological insulator MnBi4Te7 device. *Applied Physics Letters*, **2021**, 118, 083101	3.4	4
30	2 step of conductance fluctuations due to the broken time-reversal symmetry in bulk-insulating BiSbTeSe2 devices. *Applied Physics Letters*, **2018**, 112, 243106	3.4	3
29	Scanning probe microscopy induced surface modifications of the topological insulator BiTe in different environments. *Nanotechnology*, **2017**, 28, 335706	3.4	3

28	Quantum oscillations and nontrivial transport in (Bi 0.92 In 0.08) 2 Se 3. *Chinese Physics B*, **2017**, 26, 127305	1.3	3
27	Shubnikov de Haas quantum oscillation of the surface states in the metallic Bismuth Telluride sheets. *European Physical Journal D*, **2013**, 67, 1	1.3	3
26	Lifecycle studies of field emission of BN thin films. *Physica B: Condensed Matter*, **2005**, 366, 200-204	2.8	3
25	Quantum Electronics: Evidence of Both Surface and Bulk Dirac Bands and Anisotropic Nonsaturating Magnetoresistance in ZrSiS (Adv. Electron. Mater. 10/2016). *Advanced Electronic Materials*, **2016**, 2,	6.4	3
24	Electrical spin polarization through spin–momentum locking in topological-insulator nanostructures. *Chinese Physics B*, **2018**, 27, 097307	1.2	3
23	Directed growth of graphene nanomesh in purified argon via chemical vapor deposition. *Nanotechnology*, **2017**, 28, 245604	3.4	2
22	The synthesis and electrical transport of ligand-protected Au13 clusters. *European Physical Journal D*, **2017**, 71, 1	1.3	2
21	Structures and polarizabilities of medium-sized GanAsm clusters. *Chemical Physics Letters*, **2011**, 511, 97-100	2.5	2
20	Nanojets from the heated PbO-coated Pb clusters and its ambient sensitivity. *Applied Physics Letters*, **2006**, 89, 193104	3.4	2
19	ION SPUTTERING NANOSTRUCTURING CRYSTALLINE MgF2 SURFACE AND ITS ENERGY-DEPENDENT SURFACE ROUGHNESS. *Modern Physics Letters B*, **2005**, 19, 157-162	1.6	2
18	A van der Waals heterostructure based on nickel telluride and graphene with spontaneous high-frequency photoresponse. *Applied Physics Letters*, **2022**, 120, 063501	3.4	2
17	Charge Carrier Mediation and Ferromagnetism induced in MnBi6Te10 Magnetic Topological Insulators by antimony doping. *Journal Physics D: Applied Physics*,	3	2
16	Synthesis of Au doped Ag nanoclusters and the doping effect of Au atoms on their physical and optical properties. *Materials Research Express*, **2020**, 7, 016506	1.7	2
15	Plasmonic evolution of atomically size-selected Au clusters by electron energy loss spectrum.. *National Science Review*, **2021**, 8, nwaa282	10.8	2
14	Observations of nodal lines in the topological semimetal ZrSnTe. *Science China: Physics, Mechanics and Astronomy*, **2020**, 63, 1	3.6	2
13	A comprehensive ARPES study on the type-II Dirac semimetal candidate Ir1−xPtxTe2. *APL Materials*, **2020**, 8, 061106	5.7	1
12	Probing plasmon resonances of individual aluminum nanoparticles. *Modern Physics Letters B*, **2018**, 32, 1850032	1.6	1
11	First-principles study of native defects in bulk Sm2CuO4 and its (001) surface structure. *Journal of Applied Physics*, **2018**, 123, 161504	2.5	1

10	Experimental observation on a temperature-induced decoupling between the surface states in topological insulator nanoplates Bi2□.15(TeSe)3+0.15. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	1
9	Scaling the dynamic electron scattering in imaging the graphene sheets by the high-angle annular dark-field microscopy. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 6494-8	1.3	1
8	Coexistence of ferromagnetism and topology by charge carrier engineering in the intrinsic magnetic topological insulator MnBi4Te7. *Physical Review B*, **2021**, 104,	3.3	1
7	Temperature-dependent growth of topological insulator Bi2Se3 for nanoscale fabrication. *AIP Advances*, **2020**, 10, 115202	1.5	
6	Emergent Ferromagnetism: Direct Demonstration of the Emergent Magnetism Resulting from the Multivalence Mn in a LaMnO3 Epitaxial Thin Film System (Adv. Electron. Mater. 6/2018). *Advanced Electronic Materials*, **2018**, 4, 1870030	6.4	
5	Obvious temperature difference along a pb cluster-decorated carbon nanowire. *Nanoscale Research Letters*, **2009**, 5, 138-42	5	
4	FORMATION AND FIELD EMISSION CHARACTERISTICS OF AMORPHOUS AND CRYSTALLINE Si NANOARRAYS. *Surface Review and Letters*, **2007**, 14, 543-546	1.1	
3	DEPOSITION AND CHARACTERIZATION OF SEVERAL-LAYER Pb CLUSTER FILMS. *International Journal of Modern Physics B*, **2005**, 19, 2633-2638	1.1	
2	Beam generation and structural optimization of size-selected Au923 clusters. *Nanoscale Advances*, **2020**, 2, 2720-2725	5.1	
1	Superconductivity: Long-Range Ordered Amorphous Atomic Chains as Building Blocks of a Superconducting Quasi-One-Dimensional Crystal (Adv. Mater. 38/2020). *Advanced Materials*, **2020**, 32, 2070289	24	