

Tian-Ling Ren

List of Publications by Year in descending order

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297
papers

12,049
citations

31902

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30848

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all docs

300
docs citations

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times ranked

12687
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonized Silk Fabric for Ultrastretchable, Highly Sensitive, and Wearable Strain Sensors. <i>Advanced Materials</i> , 2016, 28, 6640-6648.	11.1	749
2	Epidermis Microstructure Inspired Graphene Pressure Sensor with Random Distributed Spinosum for High Sensitivity and Large Linearity. <i>ACS Nano</i> , 2018, 12, 2346-2354.	7.3	579
3	Graphene-Paper Pressure Sensor for Detecting Human Motions. <i>ACS Nano</i> , 2017, 11, 8790-8795.	7.3	572
4	Graphene Textile Strain Sensor with Negative Resistance Variation for Human Motion Detection. <i>ACS Nano</i> , 2018, 12, 9134-9141.	7.3	455
5	A Graphene-Based Resistive Pressure Sensor with Record-High Sensitivity in a Wide Pressure Range. <i>Scientific Reports</i> , 2015, 5, 8603.	1.6	415
6	An intelligent artificial throat with sound-sensing ability based on laser induced graphene. <i>Nature Communications</i> , 2017, 8, 14579.	5.8	396
7	Flexible, Highly Sensitive, and Wearable Pressure and Strain Sensors with Graphene Porous Network Structure. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26458-26462.	4.0	387
8	Scalable fabrication of high-performance and flexible graphene strain sensors. <i>Nanoscale</i> , 2014, 6, 699-705.	2.8	366
9	Extremely Low Operating Current Resistive Memory Based on Exfoliated 2D Perovskite Single Crystals for Neuromorphic Computing. <i>ACS Nano</i> , 2017, 11, 12247-12256.	7.3	286
10	Wearable humidity sensor based on porous graphene network for respiration monitoring. <i>Biosensors and Bioelectronics</i> , 2018, 116, 123-129.	5.3	278
11	Multilayer Graphene Epidermal Electronic Skin. <i>ACS Nano</i> , 2018, 12, 8839-8846.	7.3	257
12	Vertical MoS ₂ transistors with sub-1-nm gate lengths. <i>Nature</i> , 2022, 603, 259-264.	13.7	251
13	Graphene Dynamic Synapse with Modulatable Plasticity. <i>Nano Letters</i> , 2015, 15, 8013-8019.	4.5	226
14	Graphene-on-Paper Sound Source Devices. <i>ACS Nano</i> , 2011, 5, 4878-4885.	7.3	197
15	Triode-Mimicking Graphene Pressure Sensor with Positive Resistance Variation for Physiology and Motion Monitoring. <i>ACS Nano</i> , 2020, 14, 10104-10114.	7.3	180
16	Graphene/semiconductor heterojunction solar cells with modulated antireflection and graphene work function. <i>Energy and Environmental Science</i> , 2013, 6, 108-115.	15.6	154
17	Novel Field-Effect Schottky Barrier Transistors Based on Graphene-MoS ₂ Heterojunctions. <i>Scientific Reports</i> , 2014, 4, 5951.	1.6	134
18	Photoelectric Synaptic Plasticity Realized by 2D Perovskite. <i>Advanced Functional Materials</i> , 2019, 29, 1902538.	7.8	132

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19	Monitoring Oxygen Movement by Raman Spectroscopy of Resistive Random Access Memory with a Graphene-Inserted Electrode. <i>Nano Letters</i> , 2013, 13, 651-657.	4.5	121
20	Simultaneously Detecting Subtle and Intensive Human Motions Based on a Silver Nanoparticles Bridged Graphene Strain Sensor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3948-3954.	4.0	118
21	Cost-Effective, Transfer-Free, Flexible Resistive Random Access Memory Using Laser-Scribed Reduced Graphene Oxide Patterning Technology. <i>Nano Letters</i> , 2014, 14, 3214-3219.	4.5	114
22	A spectrally tunable all-graphene-based flexible field-effect light-emitting device. <i>Nature Communications</i> , 2015, 6, 7767.	5.8	113
23	Wafer-Scale Integration of Graphene-based Electronic, Optoelectronic and Electroacoustic Devices. <i>Scientific Reports</i> , 2014, 4, 3598.	1.6	113
24	Multifunctional Graphene Microstructures Inspired by Honeycomb for Ultrahigh Performance Electromagnetic Interference Shielding and Wearable Applications. <i>ACS Nano</i> , 2021, 15, 8907-8918.	7.3	110
25	High performance flexible strain sensor based on self-locked overlapping graphene sheets. <i>Nanoscale</i> , 2016, 8, 20090-20095.	2.8	108
26	Graphene Earphones: Entertainment for Both Humans and Animals. <i>ACS Nano</i> , 2014, 8, 5883-5890.	7.3	105
27	Ultra-High Sensitive NO ₂ Gas Sensor Based on Tunable Polarity Transport in CVD-WS ₂ /IGZO p-N Heterojunction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40850-40859.	4.0	105
28	Self-adapted and tunable graphene strain sensors for detecting both subtle and large human motions. <i>Nanoscale</i> , 2017, 9, 8266-8273.	2.8	100
29	Graphene-based wearable sensors. <i>Nanoscale</i> , 2019, 11, 18923-18945.	2.8	98
30	Enhanced photovoltaic properties in graphene/polycrystalline BiFeO ₃ /Pt heterojunction structure. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	97
31	Wearable Electronics Based on 2D Materials for Human Physiological Information Detection. <i>Small</i> , 2020, 16, e1901124.	5.2	97
32	A miniaturized microbial fuel cell with three-dimensional graphene macroporous scaffold anode demonstrating a record power density of over 10 ⁶ W m ⁻³ . <i>Nanoscale</i> , 2016, 8, 3539-3547.	2.8	96
33	Simultaneous synthesis and integration of two-dimensional electronic components. <i>Nature Electronics</i> , 2019, 2, 164-170.	13.1	95
34	Single-layer graphene sound-emitting devices: experiments and modeling. <i>Nanoscale</i> , 2012, 4, 2272.	2.8	92
35	High-performance graphene-based flexible heater for wearable applications. <i>RSC Advances</i> , 2017, 7, 27001-27006.	1.7	91
36	Ultrafast Photodetector by Integrating Perovskite Directly on Silicon Wafer. <i>ACS Nano</i> , 2020, 14, 2860-2868.	7.3	86

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37	A Wearable Skinlike Ultra-Sensitive Artificial Graphene Throat. ACS Nano, 2019, 13, 8639-8647.	7.3	80
38	An ultrasensitive strain sensor with a wide strain range based on graphene armour scales. Nanoscale, 2018, 10, 11524-11530.	2.8	77
39	Graphene based Schottky junction solar cells on patterned silicon-pillar-array substrate. Applied Physics Letters, 2011, 99, 233505.	1.5	76
40	A Pressure Sensing System for Heart Rate Monitoring with Polymer-Based Pressure Sensors and An Anti-Interference Post Processing Circuit. Sensors, 2015, 15, 3224-3235.	2.1	76
41	Heterostructured graphene quantum dot/WSe ₂ /Si photodetector with suppressed dark current and improved detectivity. Nano Research, 2018, 11, 3233-3243.	5.8	67
42	Multifunctional and high-performance electronic skin based on silver nanowires bridging graphene. Carbon, 2020, 156, 253-260.	5.4	67
43	A Better Zn-Ion Storage Device: Recent Progress for Zn-Ion Hybrid Supercapacitors. Nano-Micro Letters, 2022, 14, 64.	14.4	65
44	A super flexible and custom-shaped graphene heater. Nanoscale, 2017, 9, 14357-14363.	2.8	63
45	Two-stage amplification of an ultrasensitive MXene-based intelligent artificial eardrum. Science Advances, 2022, 8, eabn2156.	4.7	62
46	Observation of a giant two-dimensional band-piezoelectric effect on biaxial-strained graphene. NPG Asia Materials, 2015, 7, e154-e154.	3.8	58
47	X-Ray Detector Based on All-Inorganic Lead-Free Cs ₂ AgBiBr ₆ Perovskite Single Crystal. IEEE Transactions on Electron Devices, 2019, 66, 2224-2229.	1.6	57
48	Graphene-Based Multifunctional Textile for Sensing and Actuating. ACS Nano, 2021, 15, 17738-17747.	7.3	57
49	Transparent, flexible, ultrathin sound source devices using Indium Tin oxide films. Applied Physics Letters, 2011, 99, .	1.5	56
50	Growth and Raman Spectra of Single-Crystal Trilayer Graphene with Different Stacking Orientations. ACS Nano, 2014, 8, 10766-10773.	7.3	56
51	Enhanced dielectric and multiferroic properties of single-phase Y and Zr co-doped BiFeO ₃ ceramics. Journal of Applied Physics, 2013, 114, .	1.1	55
52	Flexible CNT-array double helices Strain Sensor with high stretchability for Motion Capture. Scientific Reports, 2015, 5, 15554.	1.6	55
53	In Situ Tuning of Switching Window in a Gate-Controlled Bilayer Graphene-Electrode Resistive Memory Device. Advanced Materials, 2015, 27, 7767-7774.	11.1	54
54	All-Inorganic Perovskite Nanowires-InGaZnO Heterojunction for High-Performance Ultraviolet-Visible Photodetectors. ACS Applied Materials & Interfaces, 2018, 10, 7231-7238.	4.0	53

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55	Flexible Two-Dimensional Ti ₃ C ₂ MXene Films as Thermoacoustic Devices. ACS Nano, 2019, 13, 12613-12620.	7.3	53
56	Interface Engineering with MoS ₂ –Pd Nanoparticles Hybrid Structure for a Low Voltage Resistive Switching Memory. Small, 2018, 14, 1702525.	5.2	52
57	Controllable Thermal Rectification Realized in Binary Phase Change Composites. Scientific Reports, 2015, 5, 8884.	1.6	49
58	A Review on Bacteriorhodopsin-Based Bioelectronic Devices. Sensors, 2018, 18, 1368.	2.1	47
59	Flexible, ultrathin, and transparent sound-emitting devices using silver nanowires film. Applied Physics Letters, 2011, 99, .	1.5	46
60	A high performance triboelectric nanogenerator for self-powered non-volatile ferroelectric transistor memory. Nanoscale, 2015, 7, 17306-17311.	2.8	46
61	Graphene FET Array Biosensor Based on ssDNA Aptamer for Ultrasensitive Hg ²⁺ Detection in Environmental Pollutants. Frontiers in Chemistry, 2018, 6, 333.	1.8	46
62	Light-Enhanced Ion Migration in Two-Dimensional Perovskite Single Crystals Revealed in Carbon Nanotubes/Two-Dimensional Perovskite Heterostructure and Its Photomemory Application. ACS Central Science, 2019, 5, 1857-1865.	5.3	45
63	Electrooculography and Tactile Perception Collaborative Interface for 3D Human–Machine Interaction. ACS Nano, 2022, 16, 6687-6699.	7.3	44
64	Long-Term Depression Mimicked in an IGZO-Based Synaptic Transistor. IEEE Electron Device Letters, 2017, 38, 191-194.	2.2	43
65	A Ferroelectric Thin Film Transistor Based on Annealing-Free HfZrO Film. IEEE Journal of the Electron Devices Society, 2017, 5, 378-383.	1.2	43
66	Substrate-Free Multilayer Graphene Electronic Skin for Intelligent Diagnosis. ACS Applied Materials & Interfaces, 2020, 12, 49945-49956.	4.0	43
67	Switching dynamics of ferroelectric HfO ₂ -ZrO ₂ with various ZrO ₂ contents. Applied Physics Letters, 2019, 114, .	1.5	42
68	Intelligent and Multifunctional Graphene Nanomesh Electronic Skin with High Comfort. Small, 2022, 18, e2104810.	5.2	42
69	Encapsulated X-Ray Detector Enabled by All-Inorganic Lead-Free Perovskite Film With High Sensitivity and Low Detection Limit. IEEE Transactions on Electron Devices, 2020, 67, 3191-3198.	1.6	40
70	Highly Transparent and Sensitive Graphene Sensors for Continuous and Non-invasive Intraocular Pressure Monitoring. ACS Applied Materials & Interfaces, 2020, 12, 18375-18384.	4.0	40
71	A flexible, transparent and ultrathin single-layer graphene earphone. RSC Advances, 2015, 5, 17366-17371.	1.7	39
72	Tunable graphene oxide reduction and graphene patterning at room temperature on arbitrary substrates. Carbon, 2016, 109, 173-181.	5.4	38

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73	Influence of La and Mn dopants on the current-voltage characteristics of BiFeO ₃ /ZnO heterojunction. Journal of Applied Physics, 2012, 111, .	1.1	37
74	The Trend of 2D Transistors toward Integrated Circuits: Scaling Down and New Mechanisms. Advanced Materials, 2022, 34, e2201916.	11.1	37
75	Temperature Control of P(VDF-TrFE) Copolymer Thin Films. Integrated Ferroelectrics, 2013, 141, 187-194.	0.3	36
76	Efficient and Reversible Electron Doping of Semiconductor-Enriched Single-Walled Carbon Nanotubes by Using Decamethylcobaltocene. Scientific Reports, 2017, 7, 6751.	1.6	36
77	Locally hydrazine doped WSe ₂ p-n junction toward high-performance photodetectors. Nanotechnology, 2018, 29, 015203.	1.3	36
78	Multifunctional Mechanical Sensors for Versatile Physiological Signal Detection. ACS Applied Materials & Interfaces, 2018, 10, 44173-44182.	4.0	36
79	High-Quality Single Crystal Perovskite for Highly Sensitive X-Ray Detector. IEEE Electron Device Letters, 2020, 41, 256-259.	2.2	36
80	Self-Powered MoS ₂ â€“PDPP3T Heterotransistor-Based Broadband Photodetectors. Advanced Electronic Materials, 2019, 5, 1800580.	2.6	35
81	Ferroelectric structural transition in hafnium oxide induced by charged oxygen vacancies. Physical Review B, 2021, 104, .	1.1	35
82	Review on Organicâ€“Inorganic Two-Dimensional Perovskite-Based Optoelectronic Devices. ACS Applied Electronic Materials, 2022, 4, 547-567.	2.0	35
83	Ultra-sensitive and plasmon-tunable graphene photodetectors for micro-spectrometry. Nanoscale, 2018, 10, 20013-20019.	2.8	34
84	Coherent Generation of Photo-Thermo-Acoustic Wave from Graphene Sheets. Scientific Reports, 2015, 5, 10582.	1.6	33
85	Graphene-Based Thermoacoustic Sound Source. ACS Nano, 2020, 14, 3779-3804.	7.3	33
86	Top-Gate Electric-Double-Layer IZO-Based Synaptic Transistors for Neuron Networks. IEEE Electron Device Letters, 2017, 38, 588-591.	2.2	32
87	Flexible Quasi-van der Waals Ferroelectric Hafnium-Based Oxide for Integrated High-Performance Nonvolatile Memory. Advanced Science, 2020, 7, 2001266.	5.6	32
88	Resistive switching behavior in diamond-like carbon films grown by pulsed laser deposition for resistance switching random access memory application. Journal of Applied Physics, 2012, 111, 084501.	1.1	31
89	Stable InSe transistors with high-field effect mobility for reliable nerve signal sensing. Npj 2D Materials and Applications, 2019, 3, .	3.9	31
90	Compact, Flexible, and Transparent Antennas Based on Embedded Metallic Mesh for Wearable Devices in 5G Wireless Network. IEEE Transactions on Antennas and Propagation, 2021, 69, 1864-1873.	3.1	31

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91	Graphene-Based Devices for Thermal Energy Conversion and Utilization. <i>Advanced Functional Materials</i> , 2020, 30, 1903888.	7.8	30
92	Controlled Growth of Bilayer MoS ₂ Films and MoS ₂ -Based Field-Effect Transistor (FET) Performance Optimization. <i>Advanced Electronic Materials</i> , 2018, 4, 1700524.	2.6	29
93	A contact lens promising for non-invasive continuous intraocular pressure monitoring. <i>RSC Advances</i> , 2019, 9, 5076-5082.	1.7	29
94	Static behavior of a graphene-based sound-emitting device. <i>Nanoscale</i> , 2012, 4, 3345.	2.8	28
95	Fabrication and Characterization of a Novel Si Line Tunneling TFET With High Drive Current. <i>IEEE Journal of the Electron Devices Society</i> , 2020, 8, 336-340.	1.2	28
96	High-performance single crystal CH ₃ NH ₃ PbI ₃ perovskite x-ray detector. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	28
97	Piezoelectric and ferroelectric films for microelectronic applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 99, 159-163.	1.7	27
98	Fabricating Molybdenum Disulfide Memristors. <i>ACS Applied Electronic Materials</i> , 2020, 2, 346-370.	2.0	27
99	Negative Capacitance Oxide Thin-Film Transistor With Sub-60 mV/Decade Subthreshold Swing. <i>IEEE Electron Device Letters</i> , 2019, 40, 826-829.	2.2	26
100	Large-Scale and High-Density pMUT Array Based on Isolated Sol-Gel PZT Membranes for Fingerprint Imaging. <i>Journal of the Electrochemical Society</i> , 2017, 164, B377-B381.	1.3	25
101	Wafer-Scale Photolithography-Pixeled Pb-Free Perovskite X-ray Detectors. <i>ACS Nano</i> , 2022, 16, 10199-10208.	7.3	25
102	Poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate)-based organic, ultrathin, and transparent sound-emitting device. <i>Applied Physics Letters</i> , 2011, 99, 233503.	1.5	24
103	Flexible graphene sound device based on laser reduced graphene. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	24
104	Proton Conductor Gated Synaptic Transistor Based on Transparent IGZO for Realizing Electrical and UV Light Stimulus. <i>IEEE Journal of the Electron Devices Society</i> , 2019, 7, 38-45.	1.2	24
105	A novel MEMS pressure sensor with MOSFET on chip. , 2008, , .		23
106	Investigation of the improved performance in a graphene/polycrystalline BiFeO ₃ /Pt photovoltaic heterojunction: Experiment, modeling, and application. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	23
107	A reduced graphene oxide sound-emitting device: a new use for Joule heating. <i>RSC Advances</i> , 2013, 3, 17672.	1.7	22
108	Two-Mode MoS ₂ Filament Transistor with Extremely Low Subthreshold Swing and Record High On/Off Ratio. <i>ACS Nano</i> , 2019, 13, 2205-2212.	7.3	22

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109	An efficient flexible graphene-based light-emitting device. <i>Nanoscale Advances</i> , 2019, 1, 4745-4754.	2.2	22
110	Observation of negative capacitance in antiferroelectric PbZrO ₃ Films. <i>Nature Communications</i> , 2021, 12, 4215.	5.8	22
111	Black phosphorus junctions and their electrical and optoelectronic applications. <i>Journal of Semiconductors</i> , 2021, 42, 081001.	2.0	22
112	Ultrasensitive Detection of COVID-19 Causative Virus (SARS-CoV-2) Spike Protein Using Laser Induced Graphene Field-Effect Transistor. <i>Molecules</i> , 2021, 26, 6947.	1.7	22
113	Humidity-Based Human-Machine Interaction System for Healthcare Applications. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12606-12616.	4.0	22
114	Hybrid graphene/cadmium-free ZnSe/ZnS quantum dots phototransistors for UV detection. <i>Scientific Reports</i> , 2018, 8, 5107.	1.6	21
115	A Graphene-Based Filament Transistor with Sub-10 mVdec ⁻¹ Subthreshold Swing. <i>Advanced Electronic Materials</i> , 2018, 4, 1700608.	2.6	21
116	High Performance 2D Perovskite/Graphene Optical Synapses as Artificial Eyes. , 2018, , .		21
117	Gate-Tunable Negative Differential Resistance Behaviors in a hBN-Encapsulated BP-MoS ₂ Heterojunction. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26161-26169.	4.0	21
118	An Integrated Luminescent Information Encryption-Decryption and Anticounterfeiting Chip Based on Laser Induced Graphene. <i>Advanced Functional Materials</i> , 2021, 31, 2103255.	7.8	21
119	Structural, ferroelectric, dielectric, and magnetic properties of BiFeO ₃ /Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ multilayer films derived by chemical solution deposition. <i>Journal of Applied Physics</i> , 2009, 105, 084109.	1.1	20
120	Highly Sensitive, Wide-Range, and Flexible Pressure Sensor Based on Honeycomb-Like Graphene Network. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 2153-2156.	1.6	20
121	Graphene devices based on laser scribing technology. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FA01.	0.8	19
122	A Flexible 360-Degree Thermal Sound Source Based on Laser Induced Graphene. <i>Nanomaterials</i> , 2016, 6, 112.	1.9	18
123	Au Nanoparticles-Decorated Surface Plasmon Enhanced ZnO Nanorods Ultraviolet Photodetector on Flexible Transparent Mica Substrate. <i>IEEE Journal of the Electron Devices Society</i> , 2019, 7, 196-202.	1.2	18
124	Unipolar to ambipolar conversion in graphene field-effect transistors. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	17
125	Wearable Strain Sensors: Carbonized Silk Fabric for Ultrastretchable, Highly Sensitive, and Wearable Strain Sensors (<i>Adv. Mater.</i> 31/2016). <i>Advanced Materials</i> , 2016, 28, 6639-6639.	11.1	17
126	A Miniaturized Integrated SAW Sensing System for Relative Humidity Based on Graphene Oxide Film. <i>IEEE Sensors Journal</i> , 2020, 20, 9733-9739.	2.4	16

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127	Effects of anode materials on resistive characteristics of NiO thin films. Applied Physics Letters, 2013, 102, .	1.5	15
128	A Low Input Current and Wide Conversion Ratio Buck Regulator with 75% Efficiency for High-Voltage Triboelectric Nanogenerators. Scientific Reports, 2016, 6, 19246.	1.6	15
129	High performance photodetector based on Pd-single layer MoS ₂ Schottky junction. Applied Physics Letters, 2016, 109, .	1.5	15
130	A point acoustic device based on aluminum nanowires. Nanoscale, 2016, 8, 5516-5525.	2.8	15
131	Synaptic Computation Demonstrated in a Two-Synapse Network Based on Top-Gate Electric-Double-Layer Synaptic Transistors. IEEE Electron Device Letters, 2017, 38, 1496-1499.	2.2	15
132	Design and Characterization of High-Density Ultrasonic Transducer Array. IEEE Sensors Journal, 2018, 18, 2285-2290.	2.4	15
133	Negative Capacitance Black Phosphorus Transistors With Low SS. IEEE Transactions on Electron Devices, 2019, 66, 1579-1583.	1.6	15
134	Highly stretchable and conformal electromagnetic interference shielding armor with strain sensing ability. Chemical Engineering Journal, 2022, 431, 133908.	6.6	15
135	High-throughput DNA Tensioner Platform for Interrogating Mechanical Heterogeneity of Single Living Cells. Small, 2022, 18, e2106196.	5.2	15
136	Surface acoustic wave characteristics based on c-axis (006) LiNbO ₃ /diamond/silicon layered structure. Applied Physics Letters, 2011, 99, .	1.5	14
137	Millimeter-Scale Nonlocal Photo-Sensing Based on Single-Crystal Perovskite Photodetector. IScience, 2018, 7, 110-119.	1.9	14
138	A Hybrid Phototransistor Neuromorphic Synapse. IEEE Journal of the Electron Devices Society, 2019, 7, 13-17.	1.2	14
139	An intelligent nanomesh-reinforced graphene pressure sensor with an ultra large linear range. Journal of Materials Chemistry A, 2022, 10, 4858-4869.	5.2	14
140	Characterization of Pt/Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ /HfO ₂ /Si structure using a hafnium oxide as buffer layer for ferroelectric-gate field effect transistors. Journal of Applied Physics, 2009, 106, .	1.1	13
141	Characteristics of Pt/BiFeO ₃ /TiO ₂ /Si capacitors with TiO ₂ layer formed by liquid-delivery metal organic chemical vapor deposition. Applied Physics Letters, 2010, 97, .	1.5	13
142	MoS ₂ Synaptic Transistor With Tunable Weight Profile. IEEE Transactions on Electron Devices, 2018, 65, 3543-3547.	1.6	13
143	Plasmon-enhanced InGaZnO Ultraviolet Photodetectors Tuned by Ferroelectric HfZrO. Advanced Electronic Materials, 2019, 5, 1900588.	2.6	13
144	Laser-reconfigured MoS ₂ /ZnO van der Waals synapse. Nanoscale, 2019, 11, 11114-11120.	2.8	13

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145	Development of a portable setup using a miniaturized and high precision colorimeter for the estimation of phosphate in natural water. <i>Analytica Chimica Acta</i> , 2019, 1058, 70-79.	2.6	13
146	Programmable Sensitivity Screening of Strain Sensors by Local Electrical and Mechanical Properties Coupling. <i>ACS Nano</i> , 2021, 15, 20590-20599.	7.3	13
147	Nomex paper-based double-sided laser-induced graphene for multifunctional human-machine interfaces. <i>Carbon</i> , 2022, 193, 68-76.	5.4	13
148	Electrode/oxide interface engineering by inserting single-layer graphene: Application for HfO ₂ -based resistive random access memory. , 2012, , .		12
149	High-performance sound source devices based on graphene woven fabrics. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	12
150	The Origin of CBRAM With High Linearity, On/Off Ratio, and State Number for Neuromorphic Computing. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 2568-2571.	1.6	12
151	Graphene-Based Flexible Electrode for Electrocardiogram Signal Monitoring. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4526.	1.3	12
152	Ultrasonic transducer array design for medical imaging based on MEMS technologies. , 2010, , .		11
153	Toward an In Situ Phosphate Sensor in Natural Waters Using a Microfluidic Flow Loop Analyzer. <i>Journal of the Electrochemical Society</i> , 2018, 165, B737-B745.	1.3	11
154	Field effect properties of single-layer MoS ₂ (1-x)Se _{2x} nanosheets produced by a one-step CVD process. <i>Journal of Materials Science</i> , 2018, 53, 14447-14455.	1.7	11
155	Electromyogram-strain synergetic intelligent artificial throat. <i>Chemical Engineering Journal</i> , 2022, 449, 137741.	6.6	11
156	Ambipolar/unipolar conversion in graphene transistors by surface doping. <i>Applied Physics Letters</i> , 2013, 103, 193502.	1.5	10
157	A novel cell-scale bio-nanogenerator based on electron-ion interaction for fast light power conversion. <i>Nanoscale</i> , 2018, 10, 526-532.	2.8	10
158	A novel thermal acoustic device based on vertical graphene film. <i>AIP Advances</i> , 2019, 9, 075302.	0.6	10
159	A Shoe-Integrated Sensor System for Long- Term Center of Pressure Evaluation. <i>IEEE Sensors Journal</i> , 2021, 21, 27037-27044.	2.4	10
160	Filling the gap: thermal properties and device applications of graphene. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	10
161	Reconfigurable Logic-Memory Hybrid Device Based on Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ . <i>IEEE Electron Device Letters</i> , 2021, 42, 1164-1167.	2.2	10
162	Ultrathin encapsulated rGO strain sensor for gesture recognition. <i>Microelectronic Engineering</i> , 2022, 259, 111779.	1.1	10

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163	A novel ferroelectric based microphone. <i>Microelectronic Engineering</i> , 2003, 66, 683-687.	1.1	9
164	A novel thermal acoustic device based on porous graphene. <i>AIP Advances</i> , 2016, 6, .	0.6	9
165	Lower Power, Better Uniformity, and Stability CBRAM Enabled by Graphene Nanohole Interface Engineering. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 984-988.	1.6	9
166	Reconfigurable MoTe ₂ Field-Effect Transistors and its Application in Compact CMOS Circuits. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 4748-4753.	1.6	9
167	A 10Ånm Short Channel MoS ₂ Transistor without the Resolution Requirement of Photolithography. <i>Advanced Electronic Materials</i> , 2021, 7, 2100543.	2.6	9
168	NOVEL DEVICE DESIGN FOR AN ULTRASONIC RANGING SYSTEM. <i>Integrated Ferroelectrics</i> , 2009, 105, 53-65.	0.3	8
169	Demonstration of $\hat{1}\pm$ -InGaZnO TFT Nonvolatile Memory Using TiAlO Charge Trapping Layer. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 1089-1093.	1.1	8
170	Roll-to-roll graphene films for non-disposable electrocardiogram electrodes. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 364003.	1.3	8
171	Impact of Molybdenum Oxide Electrode on the Ferroelectricity of Doped-Hafnia Oxide Capacitors. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 1492-1496.	1.6	8
172	DEVICE DESIGN FOR THE NOVEL HANDWRITING RECOGNITION SYSTEM. <i>Integrated Ferroelectrics</i> , 2008, 100, 206-215.	0.3	7
173	Design of magnetic RF inductor in CMOS. <i>Tsinghua Science and Technology</i> , 2012, 17, 78-83.	4.1	7
174	Surface Acoustic Wave Devices Based on High Quality Temperature-Compensated Substrates. <i>IEEE Electron Device Letters</i> , 2016, 37, 1063-1066.	2.2	7
175	Low-Voltage Unipolar Inverter Based on Top-Gate Electric-Double-Layer Thin-Film Transistors Gated by Silica Proton Conductor. <i>IEEE Electron Device Letters</i> , 2017, 38, 875-878.	2.2	7
176	Fabrication and Properties of $\text{Pt}/\text{Bi}_{3.15}\text{Nd}_{0.85}/\text{Ti}_3\text{O}_{12}/\text{HfO}_2/\text{Si}$ Structure for Ferroelectric DRAM (FEDRAM) FET. <i>IEEE Electron Device Letters</i> , 2009, 30, 463-465.	2.2	6
177	Comparative Study on Structural and Ferroelectric Properties of Dual-Site Rare-Earth Ions Substituted Multiferroelectric BiFeO ₃ . <i>Integrated Ferroelectrics</i> , 2012, 132, 30-38.	0.3	6
178	Temperature dependence of optical and structural properties of ferroelectric B _{3.15} Nd _{0.85} Ti ₃ O ₁₂ thin film derived by sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 61, 236-242.	1.1	6
179	Magnetoresistive behavior and magnetization reversal of NiFe/Cu/CoFe/IrMn spin valve GMRs in nanoscale. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2013, 20, 700-704.	2.4	6
180	Ink-injected dual-band antennas based on graphene flakes, carbon nanotubes and silver nanowires. <i>RSC Advances</i> , 2018, 8, 37534-37539.	1.7	6

#	ARTICLE	IF	CITATIONS
181	Gait Recognition Based on Graphene Porous Network Structure Pressure Sensors for Rehabilitation Therapy. , 2018, , .		6
182	Fabrication and Characterization of Ferroelectric HfZrO-based Synaptic Transistors with Multi-state Plasticity. , 2020, , .		6
183	Intelligent and highly sensitive strain sensor based on indium tin oxide micromesh with a high crack density. Nanoscale, 2022, 14, 4234-4243.	2.8	6
184	Skinâ€Mimicking, Stretchable Photodetector for Skinâ€Customized Ultraviolet Dosimetry. Advanced Materials Technologies, 2022, 7, .	3.0	6
185	Electrospun Nanofibers for Integrated Sensing, Storage, and Computing Applications. Applied Sciences (Switzerland), 2022, 12, 4370.	1.3	6
186	Light-Controlled Reconfigurable Optical Synapse Based on Carbon Nanotubes/2D Perovskite Heterostructure for Image Recognition. ACS Applied Materials & Interfaces, 2022, 14, 28221-28229.	4.0	6
187	UNIFORMITY IMPROVEMENT OF PZT BASED ULTRASONIC TRANSDUCER. Integrated Ferroelectrics, 2006, 80, 373-381.	0.3	5
188	AN INNOVATED PROCESS OF Pt/PbTiO ₃ /PbZr _{0.3} Ti _{0.7} O ₃ /PbTiO ₃ /Pt INTEGRATED FERROELECTRIC CAPACITORS FOR FeRAM. Integrated Ferroelectrics, 2007, 89, 3-11.	0.3	5
189	Modulation Effect of Lead Zirconate Titanate for Zinc Oxide Channel Resistance in Ferroelectric Field Effect Transistor. Ferroelectrics, 2011, 421, 92-97.	0.3	5
190	Hippocampal Neuronsâ€™ Alignment on Quartz Grooves and Parylene Cues on Quartz Substrate. Applied Sciences (Switzerland), 2021, 11, 275.	1.3	5
191	Deep Learning Enabled High-Performance Speech Command Recognition on Graphene Flexible Microphones. ACS Applied Electronic Materials, 2022, 4, 2306-2312.	2.0	5
192	Studies of a PT/PZT/PT sandwich structure for feram applications using sol-gel processing. Integrated Ferroelectrics, 2001, 39, 215-222.	0.3	4
193	Measurements of Ferroelectric MEMS Microphones. Integrated Ferroelectrics, 2005, 69, 417-429.	0.3	4
194	Light-Induced Modulation in Resistance Switching of Carbon Nanotube/BiFeO ₃ /Pt Heterostructure. Integrated Ferroelectrics, 2012, 134, 58-64.	0.3	4
195	Optimization of graphene/silicon heterojunction solar cells. , 2012, , .		4
196	Flexible and large-area sound-emitting device using reduced graphene oxide. , 2013, , .		4
197	A multi-mode complex bandpass filter with gm-assisted power optimization and I/Q calibration. , 2013, , .		4
198	Zno field-effect transistors with lead-zirconate-titanate ferroelectric gate. Materials Research Innovations, 2015, 19, S2-181-S2-184.	1.0	4

#	ARTICLE	IF	CITATIONS
199	Graphene based Wearable Sensors for Healthcare. , 2019, , .		4
200	Tunable electronic and optical properties of the WS ₂ /IGZO heterostructure via an external electric field and strain: a theoretical study. Physical Chemistry Chemical Physics, 2019, 21, 14713-14721.	1.3	4
201	Utilization of Synergistic Effect of Dimensionâ€Differentiated Hierarchical Nanomaterials for Transparent and Flexible Wireless Communicational Elements. Advanced Materials Technologies, 2020, 5, 1901057.	3.0	4
202	Wearable Electronics: Wearable Electronics Based on 2D Materials for Human Physiological Information Detection (Small 15/2020). Small, 2020, 16, 2070083.	5.2	4
203	Enhancing the Ultraviolet Photocurrent and Response Speed of Zinc Oxide Nanoflowers using Surface Plasmons of Gold Nanoparticles and a Graphene Membrane. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000512.	1.2	4
204	Recent progress of continuous intraocular pressure monitoring. Nano Select, 2022, 3, 1-19.	1.9	4
205	A review on low-dimensional novel optoelectronic devices based on carbon nanotubes. AIP Advances, 2021, 11, .	0.6	4
206	A Flexible Graphene-Based Fabric Ultrasound Source for Machine Learning Enhanced Information Encryption. IEEE Electron Device Letters, 2022, 43, 1543-1546.	2.2	4
207	Withdrawal of "Fabrication and Properties of $\text{Bi}_{3.15}\text{Nd}_{0.85}\text{Ti}_3\text{O}_{12}/\text{HfO}_2/\text{Si}$ Structure for Ferroelectric DRAM (FEDRAM) FET". IEEE Electron Device Letters, 2009, 30, 1111-1111.	2.2	3
208	A metrology of silicon film thermal conductivity using micro-Raman spectroscopy. , 2010, , .		3
209	A novel fatigue-insensitive self-referenced scheme for 1T1C FRAM. , 2010, , .		3
210	REACTION SIMULATION AND EXPERIMENT OF A Cl_2/Ar INDUCTIVELY COUPLED PLASMA FOR ETCHING OF SILICON. Surface Review and Letters, 2014, 21, 1450038.	0.5	3
211	Tailoring perpendicular magnetic anisotropy with graphene oxide membranes. RSC Advances, 2017, 7, 52938-52944.	1.7	3
212	High-Quality Reconfigurable Black Phosphorus p-n Junctions. IEEE Transactions on Electron Devices, 2018, , 1-5.	1.6	3
213	Ultrahigh Step-Up Coupled-Inductor DC-DC Converter With Soft-Switching for Driving Piezoelectric Actuators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2902-2906.	2.2	3
214	Fabricating In-Plane MoTe ₂ p-n Homojunction Photodetector Using Laser-Induced p-Type Doping. IEEE Transactions on Electron Devices, 2021, 68, 4485-4490.	1.6	3
215	Ambipolar transport compact models for two-dimensional materials based field-effect transistors. Tsinghua Science and Technology, 2021, 26, 574-591.	4.1	3
216	A multi-frequency wireless passive pressure sensor for TPMS applications. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
217	Comparisons and analyses on heterostructures consisting of ZnO and different ferroelectric films. Materials Research Society Symposia Proceedings, 2011, 1368, 1.	0.1	2
218	PROTON IRRADIATION INFLUENCE ON THE MAGNETIC PROPERTIES OF GMR-SVs. Modern Physics Letters B, 2014, 28, 1450022.	1.0	2
219	A comparison of Pd and Au electrodes-based LiNbO ₃ surface acoustic wave devices. Modern Physics Letters B, 2016, 30, 1650349.	1.0	2
220	Simulation and experimental verification of silicon dioxide deposition by PECVD. Modern Physics Letters B, 2017, 31, 1750055.	1.0	2
221	Total-Ionizing-Dose Effects on a Graphene X-Ray Detector Laser-Scribed From Graphene Oxide. IEEE Transactions on Nuclear Science, 2018, 65, 473-477.	1.2	2
222	First Principles Study of Memory Selectors using Heterojunctions of 2D Layered Materials. , 2018, , .		2
223	Direct laser-patterned ultra-wideband antennae with carbon nanotubes. RSC Advances, 2018, 8, 31331-31336.	1.7	2
224	High sensitive surface-acoustic-wave optical sensor based on two-dimensional perovskite. , 2019, , .		2
225	Dual-Functional Nonvolatile and Volatile Memory in Resistively Switching Indium Tin Oxide/HfO ₂ Devices. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900555.	0.8	2
226	Anomalous thermoacoustic effect in topological insulator for sound applications. Applied Physics Letters, 2020, 117, 123502.	1.5	2
227	Interfacial Regulation of Dielectric Properties in Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ Thin Films. IEEE Journal of the Electron Devices Society, 2021, 9, 1093-1097.	1.2	2
228	Industrial-scale production of high-quality graphene sheets by millstone grinders. Journal Physics D: Applied Physics, 2022, 55, 164002.	1.3	2
229	Mini-review: Novel Graphene-based Acoustic Devices. Sensors and Actuators Reports, 2022, 4, 100086.	2.3	2
230	Exploration of the Mass Sensitivity of Quartz Crystal Microbalance under Overtone Modes Using Electrodeposition Method. Analytical Chemistry, 2022, 94, 5760-5768.	3.2	2
231	Modeling of Gate Tunable Synaptic Device for Neuromorphic Applications. Frontiers in Physics, 2021, 9, .	1.0	2
232	Quasi-Fermi-Level Phase Space and its Applications in Ambipolar Two-Dimensional Field-Effect Transistors. Physical Review Applied, 2022, 17, .	1.5	2
233	Key Integration Techniques and Issues for Silicon-Based Ferroelectric Devices. Integrated Ferroelectrics, 2004, 66, 59-69.	0.3	1
234	Amplifier high linearization method based on offset cancellation technique. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
235	Optimal RF IC design based on Fuzzy Genetic Algorithm. , 2009, , .		1
236	Implantable Subdural Electrode Arrays for Neural Recordings Based on MEMS Technologies. , 2009, , .		1
237	A novel method for fabricating 2-D array piezoelectric micromachined ultrasonic transducers for medical imaging. , 2009, , .		1
238	Study of Iridium Bottom Electrode in Ferroelectric Random Access Memory Application. Ferroelectrics, 2010, 406, 97-107.	0.3	1
239	A MEMS-based flexible electrode array using composite substrate. , 2010, , .		1
240	Micromachined piezoelectric devices for acoustic applications. , 2012, , .		1
241	Wafer-scale flexible graphene strain sensors. , 2013, , .		1
242	SIMULATION METHODS OF PIEZORESISTIVE PRESSURE SENSORS IN ORDER TO IMPROVE CONSISTENCY. Modern Physics Letters B, 2013, 27, 1350011.	1.0	1
243	An ultra-sensitive resistive pressure sensor based on the V-shaped foam-like structure of laser-scribed graphene. , 2014, , .		1
244	Large-scale fabrication of graphene-based electronic and MEMS devices. , 2014, , .		1
245	Modeling and analysis of nano-sized GMRs based on Co, NiFe and Ni materials. Science China Information Sciences, 2014, 57, 1-14.	2.7	1
246	A micro-scale microbial supercapacitor. , 2014, , .		1
247	Memory Devices: In Situ Tuning of Switching Window in a Gate-Controlled Bilayer Graphene-Electrode Resistive Memory Device (Adv. Mater. 47/2015). Advanced Materials, 2015, 27, 7766-7766.	11.1	1
248	A novel MEMS-based 13.56 MHz micro antenna for RFID application. , 2015, , .		1
249	Tunable and wearable high performance strain sensors based on laser patterned graphene flakes. , 2016, , .		1
250	An analytical charge-sheet drain current model for monolayer transition metal dichalcogenide negative capacitance field-effect transistors. , 2017, , .		1
251	A power manager system with 78% efficiency for high-voltage triboelectric nanogenerators. Science China Information Sciences, 2017, 60, 1.	2.7	1
252	Piezoelectric Micromachined Ultrasonic Transducers for Ultrasound Imaging. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
253	High Performance and Wireless Graphene Earphone towards Practical Applications. , 2020, , .		1
254	Graphene muscle with artificial intelligence. , 2020, , .		1
255	The manufacture and characterization of a novel ultrasonic transducer for medical imaging. , 2021, , .		1
256	Self-Powered Multicolor Broadband Photodetector Based on GaSe/WSe ₂ /WSe ₂ /BP Van Der Waals Heterostructure. IEEE Transactions on Electron Devices, 2021, 68, 3881-3886.	1.6	1
257	Transistor Subthreshold Swing Lowered by 2-D Heterostructures. IEEE Transactions on Electron Devices, 2021, 68, 411-414.	1.6	1
258	Anisotropic electrical properties of aligned PtSe ₂ nanoribbon arrays grown by a pre-patterned selective selenization process. Nano Research, 0, , 1.	5.8	1
259	Biocompatible Sensors Are Revolutionizing Healthcare Technologies. , 2022, , 227-249.		1
260	Ultra-Low Voltage Schmitt Triggers Implemented by HfO ₂ -Based Ferroelectric Field-Effect Transistors. IEEE Electron Device Letters, 2022, 43, 1145-1148.	2.2	1
261	Cs ₂ AgBiBr ₆ -Tellurium heterojunction-based high-performance X-ray detectors. , 2022, , .		1
262	The $\frac{1}{2}$ -In ₂ Se ₃ THz Photodetector. IEEE Transactions on Electron Devices, 2022, 69, 4371-4376.	1.6	1
263	Modeling and analysis of effect on bit-line voltage caused by imprint in FeRAM. , 2008, , .		0
264	OPTICAL CHARACTERIZATION OF Sr _{1-x} BaxBi ₄ Ti ₄ O ₁₅ GRADED THIN FILMS. Integrated Ferroelectrics, 2008, 98, 128-135.	0.3	0
265	A novel circuit scheme and analysis for three-level feram. , 2008, , .		0
266	Buffer layer dependence of B _{3.15} Nd _{0.85} Ti ₃ O ₁₂ (BNdT) based MFIS capacitor for FeFET application. , 2008, , .		0
267	Comparison of PbZr _{1-x} Ti _x O ₃ thin films deposited on different substrates by liquid delivery metal organic chemical vapor deposition. Journal of Applied Physics, 2009, 105, 061611.	1.1	0
268	Bipolar switching analysis and negative resistance phenomenon in TiO ₂ . , 2010, , .		0
269	Nd-doped Bismuth Titanate based ferroelectric field effect transistor: Design, fabrication, and optimization. , 2011, , .		0
270	Research for piezoresistive pressure sensors: Methods to reduce the influence of processing deviation on sensitivity and improve product consistency. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
271	ZnO nanorod array based optoelectronic device with graphene as transparent electrode. , 2012, , .		0
272	Multilayer graphene growth by a metal-catalyzed crystallization of diamond-like carbon. , 2012, , .		0
273	Light-Induced Modulation in Resistance Switching of Carbon Nanotube/ BiFeO ₃ /Pt Heterostructure. Integrated Ferroelectrics, 2012, 132, 53-60.	0.3	0
274	Novel flexible nanogenerators. , 2014, , .		0
275	Graphem stack: Growth, characterization and diverse devices. , 2015, , .		0
276	Biological information wireless monitoring system. , 2015, , .		0
277	A universal method to grow and etch graphene film. , 2016, , .		0
278	Novel memory devices based on nanostructured carbon materials. , 2016, , .		0
279	A common-source amplifier based on single layer MoS ₂ . , 2016, , .		0
280	Novel graphene-based resistive random access memory. , 2016, , .		0
281	Electrical thermal acoustic point source based on mems technology. , 2016, , .		0
282	Novel Field Effect Transistor Fabrication Based on Non-Graphene 2D Materials. MRS Advances, 2017, 2, 3675-3684.	0.5	0
283	A simple way to grow large-area single-layer MoS ₂ film by chemical vapor deposition. , 2017, , .		0
284	A Two-terminal Electric-double-layer Synaptic Device with Short-term Plasticity. , 2018, , .		0
285	Miniaturized and High Precision Monitoring System for Natural Waters Using a Microflow Analyzer. , 2019, , .		0
286	Graphene-based Wearable Sensors for Physiological Signal Monitoring. , 2019, , .		0
287	Scalable Modeling for the Coplanar Waveguide Step Discontinuity at Frequency up to 150 GHz. , 2019, , .		0
288	Introductory Chapter: Perovskite Materials and Advanced Applications. , 0, , .		0

#	ARTICLE	IF	CITATIONS
289	A Spectrum-Tunable and Flexible Light-Emitting Device with Ultra-Wide Wavelength Range. , 2020, , .		0
290	Thermal Energy Conversion: Graphene-Based Devices for Thermal Energy Conversion and Utilization (Adv. Funct. Mater. 8/2020). Advanced Functional Materials, 2020, 30, 2070052.	7.8	0
291	Stability diagrams of two optically mutual-injected quantum cascade lasers. AIP Advances, 2021, 11, 015320.	0.6	0
292	Flexible and Transparent Ultraviolet Photodetector Enabled by Metal Doping ZnO Nanorods Based on Mica Substrate. , 2021, , .		0
293	A Sensitive Vertical Standing Graphene/Silicon Schottky Photodetector to Angle Changes. , 2021, , .		0
294	Large Coercive Field in Hf _{0.5} Zr _{0.5} O ₂ -based Capacitors with Gd Top Electrode. , 2021, , .		0
295	Progress of Lead-Free Halide Perovskite X-ray Detectors. , 2020, , .		0
296	A Low-cost, Low-power, and Practical Nano-heterojunction Pollution Gas Sensor Based on Accurate Dielectrophoresis Technology. , 2022, , .		0
297	Investigation of Q Factor of the QCM Resonator Under Overtone Modes. , 2022, , .		0