

# Xiangyu Chen

## List of Publications by Citations

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137  
papers

5,593  
citations

44  
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143  
ext. papers

7,148  
ext. citations

10.7  
avg, IF

6.31  
L-index

#	Paper	IF	Citations
137	Ultrastretchable, transparent triboelectric nanogenerator as electronic skin for biomechanical energy harvesting and tactile sensing. <i>Science Advances</i> , <b>2017</b> , 3, e1700015	14.3	674
136	Theory of freestanding triboelectric-layer-based nanogenerators. <i>Nano Energy</i> , <b>2015</b> , 12, 760-774	17.1	283
135	Coupled Triboelectric Nanogenerator Networks for Efficient Water Wave Energy Harvesting. <i>ACS Nano</i> , <b>2018</b> , 12, 1849-1858	16.7	199
134	Probing Contact-Electrification-Induced Electron and Ion Transfers at a Liquid-Solid Interface. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905696	24	172
133	Power generation from the interaction of a liquid droplet and a liquid membrane. <i>Nature Communications</i> , <b>2019</b> , 10, 2264	17.4	159
132	Structural Optimization of Triboelectric Nanogenerator for Harvesting Water Wave Energy. <i>ACS Nano</i> , <b>2015</b> , 9, 12562-72	16.7	154
131	Three-dimensional ultraflexible triboelectric nanogenerator made by 3D printing. <i>Nano Energy</i> , <b>2018</b> , 45, 380-389	17.1	135
130	Manipulating the triboelectric surface charge density of polymers by low-energy helium ion irradiation/implantation. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 896-907	35.4	135
129	Integrated triboelectric nanogenerator array based on air-driven membrane structures for water wave energy harvesting. <i>Nano Energy</i> , <b>2017</b> , 31, 351-358	17.1	128
128	Enhanced Triboelectric Nanogenerators Based on MoS Monolayer Nanocomposites Acting as Electron-Acceptor Layers. <i>ACS Nano</i> , <b>2017</b> , 11, 8356-8363	16.7	126
127	Self-Powered Electrostatic Filter with Enhanced Photocatalytic Degradation of Formaldehyde Based on Built-in Triboelectric Nanogenerators. <i>ACS Nano</i> , <b>2017</b> , 11, 12411-12418	16.7	120
126	Self-Powered Microfluidic Transport System Based on Triboelectric Nanogenerator and Electrowetting Technique. <i>ACS Nano</i> , <b>2018</b> , 12, 1491-1499	16.7	105
125	Fluid eddy induced piezo-promoted photodegradation of organic dye pollutants in wastewater on ZnO nanorod arrays/3D Ni foam. <i>Materials Today</i> , <b>2017</b> , 20, 501-506	21.8	102
124	Theoretical Study of Rotary Freestanding Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2928-2938	15.6	102
123	Electron Transfer in Nanoscale Contact Electrification: Effect of Temperature in the Metal-Dielectric Case. <i>Advanced Materials</i> , <b>2019</b> , 31, e1808197	24	94
122	Fully Elastic and Metal-Free Tactile Sensors for Detecting both Normal and Tangential Forces Based on Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802989	15.6	90
121	On-Skin Triboelectric Nanogenerator and Self-Powered Sensor with Ultrathin Thickness and High Stretchability. <i>Small</i> , <b>2017</b> , 13, 1702929	11	89

120	Contributions of Different Functional Groups to Contact Electrification of Polymers. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001307	24	88
119	Sustainable high-voltage source based on triboelectric nanogenerator with a charge accumulation strategy. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 2178-2190	35.4	82
118	An aptamer-based new method for competitive fluorescence detection of exosomes. <i>Nanoscale</i> , <b>2019</b> , 11, 15589-15595	7.7	82
117	Self-powered electro-tactile system for virtual tactile experiences. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	77
116	Stimulating Acrylic Elastomers by a Triboelectric Nanogenerator Toward Self-Powered Electronic Skin and Artificial Muscle. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 4906-4913	15.6	73
115	Electrically Responsive Materials and Devices Directly Driven by the High Voltage of Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806351	15.6	73
114	Giant Voltage Enhancement via Triboelectric Charge Supplement Channel for Self-Powered Electroadhesion. <i>ACS Nano</i> , <b>2018</b> , 12, 10262-10271	16.7	72
113	Tunable Optical Modulator by Coupling a Triboelectric Nanogenerator and a Dielectric Elastomer. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1603788	15.6	71
112	Self-Powered Electrostatic Actuation Systems for Manipulating the Movement of both Microfluid and Solid Objects by Using Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1606408	15.6	66
111	Probing the Photovoltage and Photocurrent in Perovskite Solar Cells with Nanoscale Resolution. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3048-3058	15.6	64
110	Self-powered modulation of elastomeric optical grating by using triboelectric nanogenerator. <i>Nano Energy</i> , <b>2017</b> , 38, 91-100	17.1	60
109	Self-Powered Trace Memorization by Conjunction of Contact-Electrification and Ferroelectricity. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 739-747	15.6	59
108	Charging System Optimization of Triboelectric Nanogenerator for Water Wave Energy Harvesting and Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 21398-406	9.5	56
107	Theoretical study on rotary-sliding disk triboelectric nanogenerators in contact and non-contact modes. <i>Nano Research</i> , <b>2016</b> , 9, 1057-1070	10	56
106	Quantifying the power output and structural figure-of-merits of triboelectric nanogenerators in a charging system starting from the Maxwell displacement current. <i>Nano Energy</i> , <b>2019</b> , 59, 380-389	17.1	56
105	Organic Tribotronic Transistor for Contact-Electrification-Gated Light-Emitting Diode. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 5625-5632	15.6	55
104	Electron Transfer as a Liquid Droplet Contacting a Polymer Surface. <i>ACS Nano</i> , <b>2020</b> ,	16.7	55
103	Electron Transfer in Nanoscale Contact Electrification: Photon Excitation Effect. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901418	24	54

102	Environmental energy harvesting based on triboelectric nanogenerators. <i>Nanotechnology</i> , <b>2020</b> , 31, 242901	9.1	54
101	Energy Harvesting from Breeze Wind (0.78 m/s) Using Ultra-Stretchable Triboelectric Nanogenerator. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2001770	21.8	51
100	Butterfly-Inspired Triboelectric Nanogenerators with Spring-Assisted Linkage Structure for Water Wave Energy Harvesting. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1800514	6.8	49
99	A multi-dielectric-layered triboelectric nanogenerator as energized by corona discharge. <i>Nanoscale</i> , <b>2017</b> , 9, 9668-9675	7.7	48
98	The tribovoltaic effect and electron transfer at a liquid-semiconductor interface. <i>Nano Energy</i> , <b>2020</b> , 76, 105070	17.1	48
97	Triboelectric Nanogenerator as a Self-Powered Communication Unit for Processing and Transmitting Information. <i>ACS Nano</i> , <b>2016</b> , 10, 3944-50	16.7	47
96	Contact Electrification at the Liquid-Solid Interface. <i>Chemical Reviews</i> , <b>2021</b> ,	68.1	47
95	Environmental Energy Harvesting Adapting to Different Weather Conditions and Self-Powered Vapor Sensor Based on Humidity-Responsive Triboelectric Nanogenerators. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 6143-6153	9.5	44
94	Refreshable Braille Display System Based on Triboelectric Nanogenerator and Dielectric Elastomer. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2006612	15.6	44
93	Self-cleaning triboelectric nanogenerator based on TiO <sub>2</sub> photocatalysis. <i>Nano Energy</i> , <b>2020</b> , 70, 104499	17.1	43
92	Modeling of threshold voltage in pentacene organic field-effect transistors. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 124506	2.5	41
91	Analyzing carrier lifetime of double-layer organic solar cells by using optical electric-field-induced second-harmonic generation measurement. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 133507	3.4	41
90	Structural figure-of-merits of triboelectric nanogenerators at powering loads. <i>Nano Energy</i> , <b>2018</b> , 51, 688-697	17.1	40
89	Studying about applied force and the output performance of sliding-mode triboelectric nanogenerators. <i>Nano Energy</i> , <b>2018</b> , 48, 292-300	17.1	37
88	Inflammation-free and gas-permeable on-skin triboelectric nanogenerator using soluble nanofibers. <i>Nano Energy</i> , <b>2018</b> , 51, 260-269	17.1	34
87	Octopus tentacles inspired triboelectric nanogenerators for harvesting mechanical energy from highly wetted surface. <i>Nano Energy</i> , <b>2019</b> , 60, 493-502	17.1	30
86	Self-Healing and Elastic Triboelectric Nanogenerators for Muscle Motion Monitoring and Photothermal Treatment. <i>ACS Nano</i> , <b>2021</b> , 15, 14653-14661	16.7	27
85	Self-powered hybrid flexible nanogenerator and its application in bionic micro aerial vehicles. <i>Nano Energy</i> , <b>2018</b> , 54, 10-16	17.1	25

84	Regulating the output performance of triboelectric nanogenerator by using P(VDF-TrFE) Langmuir monolayers. <i>Nano Energy</i> , <b>2019</b> , 66, 104090	17.1	24
83	Analyzing photovoltaic effect of double-layer organic solar cells as a Maxwell-Wagner effect system by optical electric-field-induced second-harmonic generation measurement. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 103717	2.5	24
82	Figures-of-Merit for Rolling-Friction-Based Triboelectric Nanogenerators. <i>Advanced Materials Technologies</i> , <b>2016</b> , 1, 1600017	6.8	24
81	Microfluidic dielectrophoresis device for trapping, counting and detecting <i>Shewanella oneidensis</i> at the cell level. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 99, 416-423	11.8	24
80	Electron transfer in nano-scale contact electrification: Atmosphere effect on the surface states of dielectrics. <i>Nano Energy</i> , <b>2019</b> , 65, 103956	17.1	23
79	A flexible and wide pressure range triboelectric sensor array for real-time pressure detection and distribution mapping. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 23827-23833	13	23
78	Self-Powered Random Number Generator Based on Coupled Triboelectric and Electrostatic Induction Effects at the Liquid-Dielectric Interface. <i>ACS Nano</i> , <b>2016</b> , 10, 11434-11441	16.7	23
77	Study of blocking effect of Cu-phthalocyanine layer in zinc oxide/pentacene/CuPc/C60/Al organic solar cells by electric field-induced optical second harmonic generation measurement. <i>Organic Electronics</i> , <b>2013</b> , 14, 320-325	3.5	22
76	Analysis of interface carrier accumulation and relaxation in pentacene/C60 double-layer organic solar cell by impedance spectroscopy and electric-field-induced optical second harmonic generation. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 074509	2.5	22
75	Directly Visualizing Tactile Perception and Ultrasensitive Tactile Sensors by Utilizing Body-Enhanced Induction of Ambient Electromagnetic Waves. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1805277	15.6	22
74	Uptake of silver nanoparticles by DHA-treated cancer cells examined by surface-enhanced Raman spectroscopy in a microfluidic chip. <i>Lab on A Chip</i> , <b>2017</b> , 17, 1306-1313	7.2	21
73	Ionic polymer-metal composites actuator driven by the pulse current signal of triboelectric nanogenerator. <i>Nano Energy</i> , <b>2019</b> , 66, 104139	17.1	21
72	Hybrid energy system based on solar cell and self-healing/self-cleaning triboelectric nanogenerator. <i>Nano Energy</i> , <b>2021</b> , 79, 105394	17.1	21
71	Analyzing photo-induced interfacial charging in IZO/pentacene/C60/bathocuproine/Al organic solar cells by electric-field-induced optical second-harmonic generation measurement. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 113711	2.5	20
70	Analyzing interfacial carrier charging in pentacene/C60 double-layer organic solar cells by optical electric field induced second-harmonic generation measurement. <i>Chemical Physics Letters</i> , <b>2011</b> , 511, 491-495	2.5	20
69	Thermochromic triboelectric nanogenerator enabling direct visualization of temperature change during operation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124369	14.7	18
68	Dual-Stimulus Smart Actuator and Robot Hand Based on a Vapor-Responsive PDMS Film and Triboelectric Nanogenerator. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 42504-42511	9.5	17
67	Selective observation of photo-induced electric fields inside different material components in bulk-heterojunction organic solar cell. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 013306	3.4	17

66	Modeling a dielectric elastomer as driven by triboelectric nanogenerator. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 033505	3.4	16
65	Study of phase transition of two-dimensional ferroelectric copolymer P(VDF-TrFE) Langmuir monolayer by Maxwell displacement current and Brewster angle microscopy. <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 104702	3.9	16
64	Self-Powered Sensor Based on Bionic Antennae Arrays and Triboelectric Nanogenerator for Identifying Noncontact Motions. <i>Advanced Materials Technologies</i> , <b>2020</b> , 5, 1900789	6.8	16
63	Capsule Triboelectric Nanogenerators: Toward Optional 3D Integration for High Output and Efficient Energy Harvesting from Broadband-Amplitude Vibrations. <i>ACS Nano</i> , <b>2018</b> , 12, 9947-9957	16.7	16
62	Direct probing of contact electrification by using optical second harmonic generation technique. <i>Scientific Reports</i> , <b>2015</b> , 5, 13019	4.9	15
61	Field emission device driven by self-powered contact-electrification: Simulation and experimental analysis. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 114103	3.4	14
60	Long Distance Transport of Microdroplets and Precise Microfluidic Patterning Based on Triboelectric Nanogenerator. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1800300	6.8	14
59	Studying of contact electrification and electron transfer at liquid-liquid interface. <i>Nano Energy</i> , <b>2021</b> , 87, 106191	17.1	14
58	Motion behavior of water droplets driven by triboelectric nanogenerator. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 183701	3.4	13
57	Triboelectric Polymer with High Thermal Charge Stability for Harvesting Energy from 200 $\mu$ C Flowing Air. <i>Advanced Functional Materials</i> , 2106082	15.6	13
56	Reduction of Hysteresis in Organic Field-Effect Transistor by Ferroelectric Gate Dielectric. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 021601	1.4	12
55	Tuning of Threshold Voltage in Organic Field-Effect Transistor by Dipole Monolayer. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 04DK04	1.4	12
54	High-voltage applications of the triboelectric nanogenerator. Opportunities brought by the unique energy technology. <i>MRS Energy &amp; Sustainability</i> , <b>2019</b> , 6, 1	2.2	12
53	Effect of Photo-Excitation on Contact Electrification at Liquid-Solid Interface. <i>ACS Nano</i> , <b>2021</b> , 15, 10609-10617	17.1	11
52	Triboelectric sensor as self-powered signal reader for scanning probe surface topography imaging. <i>Nanotechnology</i> , <b>2015</b> , 26, 165501	3.4	10
51	Negative Triboelectric Polymers with Ultrahigh Charge Density Produced by Ion Implantation. <i>Nano Energy</i> , <b>2021</b> , 90, 106574	17.1	10
50	Ultralong focal length microlens array fabricated based on SU-8 photoresist. <i>Applied Optics</i> , <b>2015</b> , 54, 5088-93	0.2	9
49	Fully Biodegradable Water-soluble Triboelectric Nanogenerator for Human Physiological Monitoring. <i>Nano Energy</i> , <b>2021</b> , 93, 106787	17.1	9

48	Self-Powered Room-Temperature Ethanol Sensor Based on Brush-Shaped Triboelectric Nanogenerator. <i>Research</i> , <b>2021</b> , 2021, 8564780	7.8	8
47	Monitoring the Degree of Comfort of Shoes In-Motion Using Triboelectric Pressure Sensors with an Ultrawide Detection Range.. <i>ACS Nano</i> , <b>2022</b> ,	16.7	8
46	Fish-Wearable Data Snooping Platform for Underwater Energy Harvesting and Fish Behavior Monitoring.. <i>Small</i> , <b>2022</b> , e2107232	11	7
45	A universal managing circuit with stabilized voltage for maintaining safe operation of self-powered electronics system. <i>IScience</i> , <b>2021</b> , 24, 102502	6.1	7
44	Microstructure-Enhanced Liquid-Liquid Extraction in a Real-Time Fluorescence Detection Microfluidic Chip. <i>Micromachines</i> , <b>2016</b> , 7,	3.3	7
43	A modified discrete algebraic reconstruction technique for multiple grey image reconstruction for limited angle range tomography. <i>Journal of Synchrotron Radiation</i> , <b>2016</b> , 23, 606-16	2.4	7
42	Study of interface layer effect in organic solar cells by electric-field-induced optical second-harmonic generation measurement. <i>Thin Solid Films</i> , <b>2014</b> , 554, 51-53	2.2	6
41	Study of multiple photovoltaic processes in stacked organic active layers. <i>Organic Electronics</i> , <b>2014</b> , 15, 2014-2020	3.5	6
40	Multifunctional Fe <sub>3</sub> O <sub>4</sub> @mTiO <sub>2</sub> @noble metal composite NPs as ultrasensitive SERS substrates for trace detection. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 2017-2027	5.9	6
39	Self-Powered Persistent Phosphorescence for Reliable Optical Display. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 3132-3140	14.0	6
38	Controllable long focal length microlens based on thermal expansion. <i>Applied Optics</i> , <b>2018</b> , 57, 4277-4282	7	5
37	Self-healing, mechanically robust, 3D printable ionogel for highly sensitive and long-term reliable ionotronics. <i>Journal of Materials Chemistry A</i> ,	13	5
36	Study of Contact Electrification at Liquid-Gas Interface. <i>ACS Nano</i> , <b>2021</b> ,	16.7	5
35	A gold microarray electrode on a poly(methylmethacrylate) substrate to improve the performance of microbial fuel cells by modifying biofilm formation. <i>RSC Advances</i> , <b>2016</b> , 6, 114937-114943	3.7	4
34	Interfacial charging of copper phthalocyanine/C60 double-layer organic solar cells induced by photoillumination: Effect of photoconductivity change. <i>Thin Solid Films</i> , <b>2014</b> , 554, 158-161	2.2	4
33	Observation Interface of PDMS Membrane in a Microfluidic Chip Based on One-Step Molding. <i>Micromachines</i> , <b>2017</b> , 8, 64	3.3	4
32	Analysis of Interfacial Charging Process in Pentacene/C60/Bathocuproine Triple-Layer Organic Solar Cells Using a Maxwell-Wagner Model. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 04CR05	1.4	4
31	Analysis of Anomalous Discharging Processes in Pentacene/C60 Double-Layer Organic Solar Cell. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 02BK01	1.4	4

30	Organic double layer element driven by triboelectric nanogenerator: Study of carrier behavior by non-contact optical method. <i>Chemical Physics Letters</i> , <b>2016</b> , 646, 64-68	2.5	4
29	A dielectrophoresis method to manipulate and monitor the <i>Shewanella oneidensis</i> . <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , <b>2016</b> , 230, 85-90	1.4	3
28	Study of interfacial design for direct-current tribovoltaic generators. <i>Nano Energy</i> , <b>2022</b> , 94, 106957	17.1	3
27	Recent progress in the development of portable high voltage source based on triboelectric nanogenerator. <i>Smart Materials in Medicine</i> , <b>2020</b> , 1, 66-76	12.9	3
26	Water purification system based on self-powered ozone production. <i>Nano Energy</i> , <b>2021</b> , 88, 106230	17.1	3
25	Interfacial charging originated from the conductivity decrease of C60 layer in IZO/pentacene/C60/Al organic double-layer solar cells. <i>Organic Electronics</i> , <b>2014</b> , 15, 162-168	3.5	2
24	Metal nanoparticles in organic field-effect transistor: Transition from charge trapping to conduction mechanism. <i>Thin Solid Films</i> , <b>2014</b> , 554, 189-193	2.2	2
23	Impact of Illumination on Charge Injection and Accumulation in Organic Transistor in Presence of Plasmonic Nanoparticles. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 04CK08	1.4	2
22	Direct Probing of Internal Electric-fields in Fullerene Diodes Using Electric-field-induced Second-harmonic Generation Measurement. <i>Molecular Crystals and Liquid Crystals</i> , <b>2013</b> , 578, 50-54	0.5	2
21	Analyzing Photo Induced Internal Electric Field in Pentacene/C60 Double-Layer Organic Solar Cells under Various External Voltages by Electric-Field-Induced Optical Second Harmonic Generation Measurement. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 041605	1.4	2
20	Anodic bonding driven by the pulse current signal of triboelectric nanogenerator. <i>Nano Energy</i> , <b>2020</b> , 73, 104759	17.1	2
19	CNTs/Wood Composite Nanogenerator for Producing Both Steam and Electricity. <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 5287-5295	4	2
18	Impact of the interfacial traps on the charge accumulation in organic transistors. <i>Journal of Experimental Nanoscience</i> , <b>2014</b> , 9, 994-1002	1.9	1
17	A MINIATURE HIGH-SPEED PIEZOELECTRIC MOTOR WITH A DISK-PIVOT STRUCTURE. <i>International Journal of Modern Physics B</i> , <b>2010</b> , 24, 2404-2409	1.1	1
16	Analyzing Open-Voltage of Double-Layer Organic Solar Cells Using Optical Electric-Field-Induced Second-Harmonic Generation. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1390, 118		1
15	Analyzing Photo Induced Internal Electric Field in Pentacene/C <sub>60</sub> Double-Layer Organic Solar Cells under Various External Voltages by Electric-Field-Induced Optical Second Harmonic Generation Measurement. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 041605	1.4	1
14	Analysis of Anomalous Discharging Processes in Pentacene/C <sub>60</sub> Double-Layer Organic Solar Cell. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 02BK01	1.4	1
13	Prediction of Grain Output in Anhui Province Based on Machine Learning <b>2021</b> ,		1



12	Alginate core-shell microcapsule reduces the DMSO addition-induced osmotic damage to cells by inhibiting cellular blebs. <i>Chinese Journal of Chemical Engineering</i> , <b>2021</b> , 33, 249-255	3.2	1
11	Predicting Organic Matter Content, Total Nitrogen and pH Value of Lime Concretion Black Soil Based on Visible and Near Infrared Spectroscopy. <i>Eurasian Soil Science</i> , 1	1.5	1
10	Triboelectric nanogenerator-based anodic bonding of silicon to glass with an intermediate aluminum layer. <i>Sensors and Actuators A: Physical</i> , <b>2021</b> , 331, 112950	3.9	1
9	Development of On-Site Rapid Detection Device for Soil Macronutrients Based on Capillary Electrophoresis and Capacitively Coupled Contactless Conductivity Detection (C4D) Method. <i>Chemosensors</i> , <b>2022</b> , 10, 84	4	1
8	Self-driven real-time angle vector sensor as security dialer based on bi-directional backstop triboelectric nanogenerator. <i>Nano Energy</i> , <b>2022</b> , 99, 107430	17.1	0
7	Effect of current density on the deposit stress in gold electroplating. <i>Modern Physics Letters B</i> , <b>2017</b> , 31, 1750188	1.6	
6	Reliability and Validity Evaluation Based on Monte Carlo Simulations in Two-Stage Cluster Sampling on Sensitive Question Survey. <i>Lecture Notes in Electrical Engineering</i> , <b>2013</b> , 647-654	0.2	
5	Determination of Lifetime of Double-Layer CuPc/C60 Organic Solar Cells by Optical Electric-Field-Induced Second-Harmonic Generation Measurement. <i>Physics Procedia</i> , <b>2011</b> , 14, 167-171		
4	Analysis of Sensitive Questions of MSM Based on RRT. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 273-279	0.3	
3	Application of Monte Carlo Simulation in Reliability and Validity Evaluation of Two-Stage Cluster Sampling on Multinomial Sensitive Question. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 261-268	0.9	
2	Reliability and Validity Assessment of Cluster Sampling on Multinomial Sensitive Question by Monte Carlo Simulation. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 212-221	0.3	
1	Investigation of Interfacial Charging Process of Pentacene/C60/BCP Triple-Layer Organic Solar Cells. <i>IEICE Transactions on Electronics</i> , <b>2013</b> , E96.C, 358-361	0.4	