

Xiangyu Chen

List of Publications by Year in descending order

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142
papers

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38720

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times ranked

5777
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastretchable, transparent triboelectric nanogenerator as electronic skin for biomechanical energy harvesting and tactile sensing. <i>Science Advances</i> , 2017, 3, e1700015.	4.7	920
2	Theory of freestanding triboelectric-layer-based nanogenerators. <i>Nano Energy</i> , 2015, 12, 760-774.	8.2	409
3	Probing Contact-Induced Electron and Ion Transfers at a Liquid-Solid Interface. <i>Advanced Materials</i> , 2020, 32, e1905696.	11.1	320
4	Coupled Triboelectric Nanogenerator Networks for Efficient Water Wave Energy Harvesting. <i>ACS Nano</i> , 2018, 12, 1849-1858.	7.3	299
5	Manipulating the triboelectric surface charge density of polymers by low-energy helium ion irradiation/implantation. <i>Energy and Environmental Science</i> , 2020, 13, 896-907.	15.6	240
6	Power generation from the interaction of a liquid droplet and a liquid membrane. <i>Nature Communications</i> , 2019, 10, 2264.	5.8	237
7	Contact Electrification at the Liquid-Solid Interface. <i>Chemical Reviews</i> , 2022, 122, 5209-5232.	23.0	233
8	Enhanced Triboelectric Nanogenerators Based on MoS ₂ Monolayer Nanocomposites Acting as Electron-Acceptor Layers. <i>ACS Nano</i> , 2017, 11, 8356-8363.	7.3	196
9	Contributions of Different Functional Groups to Contact Electrification of Polymers. <i>Advanced Materials</i> , 2020, 32, e2001307.	11.1	194
10	Structural Optimization of Triboelectric Nanogenerator for Harvesting Water Wave Energy. <i>ACS Nano</i> , 2015, 9, 12562-12572.	7.3	192
11	Three-dimensional ultraflexible triboelectric nanogenerator made by 3D printing. <i>Nano Energy</i> , 2018, 45, 380-389.	8.2	178
12	Self-Powered Electrostatic Filter with Enhanced Photocatalytic Degradation of Formaldehyde Based on Built-in Triboelectric Nanogenerators. <i>ACS Nano</i> , 2017, 11, 12411-12418.	7.3	169
13	Sustainable high-voltage source based on triboelectric nanogenerator with a charge accumulation strategy. <i>Energy and Environmental Science</i> , 2020, 13, 2178-2190.	15.6	166
14	Electron Transfer in Nanoscale Contact Electrification: Effect of Temperature in the Metal-Dielectric Case. <i>Advanced Materials</i> , 2019, 31, e1808197.	11.1	165
15	Integrated triboelectric nanogenerator array based on air-driven membrane structures for water wave energy harvesting. <i>Nano Energy</i> , 2017, 31, 351-358.	8.2	162
16	Self-powered electro-tactile system for virtual tactile experiences. <i>Science Advances</i> , 2021, 7, .	4.7	161
17	Self-Powered Microfluidic Transport System Based on Triboelectric Nanogenerator and Electrowetting Technique. <i>ACS Nano</i> , 2018, 12, 1491-1499.	7.3	159
18	Fluid eddy induced piezo-promoted photodegradation of organic dye pollutants in wastewater on ZnO nanorod arrays/3D Ni foam. <i>Materials Today</i> , 2017, 20, 501-506.	8.3	157

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19	Theoretical Study of Rotary Freestanding Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , 2015, 25, 2928-2938.	7.8	142
20	Electron Transfer as a Liquid Droplet Contacting a Polymer Surface. <i>ACS Nano</i> , 2020, 14, 17565-17573.	7.3	141
21	An aptamer-based new method for competitive fluorescence detection of exosomes. <i>Nanoscale</i> , 2019, 11, 15589-15595.	2.8	131
22	Fully Elastic and Metal-Free Tactile Sensors for Detecting both Normal and Tangential Forces Based on Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , 2018, 28, 1802989.	7.8	124
23	Electrically Responsive Materials and Devices Directly Driven by the High Voltage of Triboelectric Nanogenerators. <i>Advanced Functional Materials</i> , 2019, 29, 1806351.	7.8	121
24	Self-Healing and Elastic Triboelectric Nanogenerators for Muscle Motion Monitoring and Photothermal Treatment. <i>ACS Nano</i> , 2021, 15, 14653-14661.	7.3	119
25	Giant Voltage Enhancement via Triboelectric Charge Supplement Channel for Self-Powered Electroadhesion. <i>ACS Nano</i> , 2018, 12, 10262-10271.	7.3	109
26	On-Skin Triboelectric Nanogenerator and Self-Powered Sensor with Ultrathin Thickness and High Stretchability. <i>Small</i> , 2017, 13, 1702929.	5.2	108
27	Energy Harvesting from Breeze Wind ($0.7 \sim 6 \text{ m/s}$) Using Ultra-Stretchable Triboelectric Nanogenerator. <i>Advanced Energy Materials</i> , 2020, 10, 2001770.	10.2	107
28	Environmental energy harvesting based on triboelectric nanogenerators. <i>Nanotechnology</i> , 2020, 31, 242001.	1.3	103
29	Stimulating Acrylic Elastomers by a Triboelectric Nanogenerator – Toward Self-Powered Electronic Skin and Artificial Muscle. <i>Advanced Functional Materials</i> , 2016, 26, 4906-4913.	7.8	100
30	The tribovoltaic effect and electron transfer at a liquid-semiconductor interface. <i>Nano Energy</i> , 2020, 76, 105070.	8.2	96
31	Refreshable Braille Display System Based on Triboelectric Nanogenerator and Dielectric Elastomer. <i>Advanced Functional Materials</i> , 2021, 31, 2006612.	7.8	96
32	Tunable Optical Modulator by Coupling a Triboelectric Nanogenerator and a Dielectric Elastomer. <i>Advanced Functional Materials</i> , 2017, 27, 1603788.	7.8	92
33	Self-Powered Electrostatic Actuation Systems for Manipulating the Movement of both Microfluid and Solid Objects by Using Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2017, 27, 1606408.	7.8	90
34	Monitoring the Degree of Comfort of Shoes In-Motion Using Triboelectric Pressure Sensors with an Ultrawide Detection Range. <i>ACS Nano</i> , 2022, 16, 4654-4665.	7.3	90
35	Electron Transfer in Nanoscale Contact Electrification: Photon Excitation Effect. <i>Advanced Materials</i> , 2019, 31, e1901418.	11.1	84
36	Quantifying the power output and structural figure-of-merits of triboelectric nanogenerators in a charging system starting from the Maxwell's displacement current. <i>Nano Energy</i> , 2019, 59, 380-389.	8.2	84

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37	Self-powered modulation of elastomeric optical grating by using triboelectric nanogenerator. <i>Nano Energy</i> , 2017, 38, 91-100.	8.2	80
38	Probing the Photovoltage and Photocurrent in Perovskite Solar Cells with Nanoscale Resolution. <i>Advanced Functional Materials</i> , 2016, 26, 3048-3058.	7.8	79
39	Fabrication of triboelectric polymer films via repeated rheological forging for ultrahigh surface charge density. <i>Nature Communications</i> , 2022, 13, .	5.8	79
40	Self-cleaning triboelectric nanogenerator based on TiO ₂ photocatalysis. <i>Nano Energy</i> , 2020, 70, 104499.	8.2	78
41	Butterfly-Inspired Triboelectric Nanogenerators with Spring-Assisted Linkage Structure for Water Wave Energy Harvesting. <i>Advanced Materials Technologies</i> , 2019, 4, 1800514.	3.0	77
42	Theoretical study on rotary-sliding disk triboelectric nanogenerators in contact and non-contact modes. <i>Nano Research</i> , 2016, 9, 1057-1070.	5.8	73
43	A multi-dielectric-layered triboelectric nanogenerator as energized by corona discharge. <i>Nanoscale</i> , 2017, 9, 9668-9675.	2.8	73
44	Self-Powered Trace Memorization by Conjunction of Contact-Electrification and Ferroelectricity. <i>Advanced Functional Materials</i> , 2015, 25, 739-747.	7.8	70
45	Charging System Optimization of Triboelectric Nanogenerator for Water Wave Energy Harvesting and Storage. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21398-21406.	4.0	67
46	Environmental Energy Harvesting Adapting to Different Weather Conditions and Self-Powered Vapor Sensor Based on Humidity-Responsive Triboelectric Nanogenerators. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6143-6153.	4.0	65
47	Organic Tribotronic Transistor for Contact-Electrification-Gated Light-Emitting Diode. <i>Advanced Functional Materials</i> , 2015, 25, 5625-5632.	7.8	63
48	Studying about applied force and the output performance of sliding-mode triboelectric nanogenerators. <i>Nano Energy</i> , 2018, 48, 292-300.	8.2	60
49	Structural figure-of-merits of triboelectric nanogenerators at powering loads. <i>Nano Energy</i> , 2018, 51, 688-697.	8.2	59
50	Triboelectric Nanogenerator as a Self-Powered Communication Unit for Processing and Transmitting Information. <i>ACS Nano</i> , 2016, 10, 3944-3950.	7.3	58
51	Hybrid energy system based on solar cell and self-healing/self-cleaning triboelectric nanogenerator. <i>Nano Energy</i> , 2021, 79, 105394.	8.2	56
52	Fully biodegradable water-soluble triboelectric nanogenerator for human physiological monitoring. <i>Nano Energy</i> , 2022, 93, 106787.	8.2	55
53	A flexible and wide pressure range triboelectric sensor array for real-time pressure detection and distribution mapping. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23827-23833.	5.2	53
54	Triboelectric Polymer with High Thermal Charge Stability for Harvesting Energy from 200°C Flowing Air. <i>Advanced Functional Materials</i> , 2021, 31, 2106082.	7.8	53

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55	Modeling of threshold voltage in pentacene organic field-effect transistors. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	48
56	Negative triboelectric polymers with ultrahigh charge density induced by ion implantation. <i>Nano Energy</i> , 2021, 90, 106574.	8.2	47
57	Inflammation-free and gas-permeable on-skin triboelectric nanogenerator using soluble nanofibers. <i>Nano Energy</i> , 2018, 51, 260-269.	8.2	46
58	Analyzing carrier lifetime of double-layer organic solar cells by using optical electric-field-induced second-harmonic generation measurement. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	44
59	Self-healing, mechanically robust, 3D printable ionogel for highly sensitive and long-term reliable ionotronics. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12005-12015.	5.2	43
60	Microfluidic dielectrophoresis device for trapping, counting and detecting <i>Shewanella oneidensis</i> at the cell level. <i>Biosensors and Bioelectronics</i> , 2018, 99, 416-423.	5.3	42
61	Octopus tentacles inspired triboelectric nanogenerators for harvesting mechanical energy from highly wetted surface. <i>Nano Energy</i> , 2019, 60, 493-502.	8.2	42
62	Self-powered hybrid flexible nanogenerator and its application in bionic micro aerial vehicles. <i>Nano Energy</i> , 2018, 54, 10-16.	8.2	37
63	Electron transfer in nano-scale contact electrification: Atmosphere effect on the surface states of dielectrics. <i>Nano Energy</i> , 2019, 65, 103956.	8.2	37
64	Fish-Wearable Data Snooping Platform for Underwater Energy Harvesting and Fish Behavior Monitoring. <i>Small</i> , 2022, 18, e2107232.	5.2	36
65	Studying of contact electrification and electron transfer at liquid-liquid interface. <i>Nano Energy</i> , 2021, 87, 106191.	8.2	35
66	Figure-of-Merit for Rolling-Friction-Based Triboelectric Nanogenerators. <i>Advanced Materials Technologies</i> , 2016, 1, 1600017.	3.0	34
67	Regulating the output performance of triboelectric nanogenerator by using P(VDF-TrFE) Langmuir monolayers. <i>Nano Energy</i> , 2019, 66, 104090.	8.2	34
68	Self-Powered Sensor Based on Bionic Antennae Arrays and Triboelectric Nanogenerator for Identifying Noncontact Motions. <i>Advanced Materials Technologies</i> , 2020, 5, 1900789.	3.0	33
69	Dual-Stimulus Smart Actuator and Robot Hand Based on a Vapor-Responsive PDMS Film and Triboelectric Nanogenerator. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42504-42511.	4.0	31
70	Directly Visualizing Tactile Perception and Ultrasensitive Tactile Sensors by Utilizing Body-Enhanced Induction of Ambient Electromagnetic Waves. <i>Advanced Functional Materials</i> , 2018, 28, 1805277.	7.8	30
71	Long Distance Transport of Microdroplets and Precise Microfluidic Patterning Based on Triboelectric Nanogenerator. <i>Advanced Materials Technologies</i> , 2019, 4, 1800300.	3.0	30
72	Effect of Photo-Excitation on Contact Electrification at Liquid-Solid Interface. <i>ACS Nano</i> , 2021, 15, 10609-10617.	7.3	30

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73	Self-Powered Random Number Generator Based on Coupled Triboelectric and Electrostatic Induction Effects at the Liquid-Dielectric Interface. <i>ACS Nano</i> , 2016, 10, 11434-11441.	7.3	29
74	Ionic polymer-metal composites actuator driven by the pulse current signal of triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 66, 104139.	8.2	29
75	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> , 2017, 17, 1306-1313.	3.1	28
76	Field emission device driven by self-powered contact-electrification: Simulation and experimental analysis. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	27
77	Motion behavior of water droplets driven by triboelectric nanogenerator. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	27
78	Capsule Triboelectric Nanogenerators: Toward Optional 3D Integration for High Output and Efficient Energy Harvesting from Broadband-Amplitude Vibrations. <i>ACS Nano</i> , 2018, 12, 9947-9957.	7.3	26
79	Self-Powered Persistent Phosphorescence for Reliable Optical Display. <i>ACS Energy Letters</i> , 2021, 6, 3132-3140.	8.8	25
80	Study of interfacial design for direct-current tribovoltaic generators. <i>Nano Energy</i> , 2022, 94, 106957.	8.2	25
81	Crystallization-Induced Shift in a Triboelectric Series and Even Polarity Reversal for Elastic Triboelectric Materials. <i>Nano Letters</i> , 2022, 22, 4074-4082.	4.5	25
82	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> , 2011, 110, .	1.1	24
83	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> , 2012, 111, .	1.1	24
84	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> , 2013, 14, 320-325.	1.4	24
85	Self-Powered Room-Temperature Ethanol Sensor Based on Brush-Shaped Triboelectric Nanogenerator. <i>Research</i> , 2021, 2021, 8564780.	2.8	24
86	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> , 2011, 110, .	1.1	23
87	Modeling a dielectric elastomer as driven by triboelectric nanogenerator. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	23
88	Thermochromic triboelectric nanogenerator enabling direct visualization of temperature change during operation. <i>Chemical Engineering Journal</i> , 2020, 388, 124369.	6.6	23
89	High-voltage applications of the triboelectric nanogenerator—Opportunities brought by the unique energy technology. <i>MRS Energy & Sustainability</i> , 2019, 6, 1.	1.3	22
90	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> , 2011, 511, 491-495.	1.2	20

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91	CNTs/Wood Composite Nanogenerator for Producing Both Steam and Electricity. ACS Applied Electronic Materials, 2021, 3, 5287-5295.	2.0	19
92	Study of phase transition of two-dimensional ferroelectric copolymer P(VDF-TrFE) Langmuir monolayer by Maxwell displacement current and Brewster angle microscopy. Journal of Chemical Physics, 2009, 131, .	1.2	18
93	Selective observation of photo-induced electric fields inside different material components in bulk-heterojunction organic solar cell. Applied Physics Letters, 2014, 104, .	1.5	18
94	Water purification system based on self-powered ozone production. Nano Energy, 2021, 88, 106230.	8.2	17
95	Study of Contact Electrification at Liquid-Gas Interface. ACS Nano, 2021, 15, 18206-18213.	7.3	17
96	Direct probing of contact electrification by using optical second harmonic generation technique. Scientific Reports, 2015, 5, 13019.	1.6	16
97	Triboelectric sensor as self-powered signal reader for scanning probe surface topography imaging. Nanotechnology, 2015, 26, 165501.	1.3	15
98	A universal managing circuit with stabilized voltage for maintaining safe operation of self-powered electronics system. IScience, 2021, 24, 102502.	1.9	15
99	Reduction of Hysteresis in Organic Field-Effect Transistor by Ferroelectric Gate Dielectric. Japanese Journal of Applied Physics, 2010, 49, 021601.	0.8	13
100	Tuning of Threshold Voltage in Organic Field-Effect Transistor by Dipole Monolayer. Japanese Journal of Applied Physics, 2010, 49, 04DK04.	0.8	13
101	Recent progress in the development of portable high voltage source based on triboelectric nanogenerator. Smart Materials in Medicine, 2020, 1, 66-76.	3.7	13
102	Multifunctional Fe ₃ O ₄ @mTiO ₂ @noble metal composite NPs as ultrasensitive SERS substrates for trace detection. Arabian Journal of Chemistry, 2019, 12, 2017-2027.	2.3	12
103	Self-driven real-time angle vector sensor as security dialer based on bi-directional backstop triboelectric nanogenerator. Nano Energy, 2022, 99, 107430.	8.2	10
104	Ultralong focal length microlens array fabricated based on SU-8 photoresist. Applied Optics, 2015, 54, 5088.	2.1	9
105	A modified discrete algebraic reconstruction technique for multiple grey image reconstruction for limited angle range tomography. Journal of Synchrotron Radiation, 2016, 23, 606-616.	1.0	9
106	Predicting Organic Matter Content, Total Nitrogen and pH Value of Lime Concretion Black Soil Based on Visible and Near Infrared Spectroscopy. Eurasian Soil Science, 2021, 54, 1681-1688.	0.5	8
107	A Review: Contact Electrification on Special Interfaces. Frontiers in Materials, 0, 9, .	1.2	8
108	Microstructure-Enhanced Liquid-Liquid Extraction in a Real-Time Fluorescence Detection Microfluidic Chip. Micromachines, 2016, 7, 46.	1.4	7

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109	Organic double layer element driven by triboelectric nanogenerator: Study of carrier behavior by non-contact optical method. <i>Chemical Physics Letters</i> , 2016, 646, 64-68.	1.2	7
110	Study of interface layer effect in organic solar cells by electric-field-induced optical second-harmonic generation measurement. <i>Thin Solid Films</i> , 2014, 554, 51-53.	0.8	6
111	Study of multiple photovoltaic processes in stacked organic active layers. <i>Organic Electronics</i> , 2014, 15, 2014-2020.	1.4	6
112	Observation Interface of PDMS Membrane in a Microfluidic Chip Based on One-Step Molding. <i>Micromachines</i> , 2017, 8, 64.	1.4	6
113	Controllable long focal length microlens based on thermal expansion. <i>Applied Optics</i> , 2018, 57, 4277.	0.9	6
114	Anodic bonding driven by the pulse current signal of triboelectric nanogenerator. <i>Nano Energy</i> , 2020, 73, 104759.	8.2	6
115	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> , 2016, 6, 114937-114943.	1.7	5
116	Analysis of Interfacial Charging Process in Pentacene/C ₆₀ /Bathocuproine Triple-Layer Organic Solar Cells Using a Maxwell-Wagner Model. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 04CR05.	0.8	4
117	Interfacial charging of copper phthalocyanine/C ₆₀ double-layer organic solar cells induced by photoillumination: Effect of photoconductivity change. <i>Thin Solid Films</i> , 2014, 554, 158-161.	0.8	4
118	Analysis of Anomalous Discharging Processes in Pentacene/C ₆₀ Double-Layer Organic Solar Cell. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK01.	0.8	4
119	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> , 2022, 10, 84.	1.8	4
120	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> , 2016, 230, 85-90.	0.5	3
121	Alginate core-shell microcapsule reduces the DMSO addition-induced osmotic damage to cells by inhibiting cellular blebs. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 249-255.	1.7	3
122	Triboelectric nanogenerator-based anodic bonding of silicon to glass with an intermediate aluminum layer. <i>Sensors and Actuators A: Physical</i> , 2021, 331, 112950.	2.0	3
123	A miniature disk-pivot piezoelectric motor with double rotors. , 2009, , .		2
124	Analyzing Photo Induced Internal Electric Field in Pentacene/C ₆₀ 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> , 2012, 51, 04I605.	0.8	2
125	Impact of Illumination on Charge Injection and Accumulation in Organic Transistor in Presence of Plasmonic Nanoparticles. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 04CK08.	0.8	2
126	Direct Probing of Internal Electric-fields in Fullerene Diodes Using Electric-field-induced Second-harmonic Generation Measurement. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 578, 50-54.	0.4	2

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127	Impact of the interfacial traps on the charge accumulation in organic transistors. Journal of Experimental Nanoscience, 2014, 9, 994-1002.	1.3	2
128	Interfacial charging originated from the conductivity decrease of C60 layer in IZO/pentacene/C60/Al organic double-layer solar cells. Organic Electronics, 2014, 15, 162-168.	1.4	2
129	Metal nanoparticles in organic field-effect transistor: Transition from charge trapping to conduction mechanism. Thin Solid Films, 2014, 554, 189-193.	0.8	2
130	A New Method of Fixing High-Aspect-Ratio Microstructures by Gel. Micromachines, 2016, 7, 115.	1.4	2
131	A MINIATURE HIGH-SPEED PIEZOELECTRIC MOTOR WITH A DISK-PIVOT STRUCTURE. International Journal of Modern Physics B, 2010, 24, 2404-2409.	1.0	1
132	Analyzing Open-Voltage of Double-Layer Organic Solar Cells Using Optical Electric-Field-Induced Second-Harmonic Generation. Materials Research Society Symposia Proceedings, 2012, 1390, 118.	0.1	1
133	Analysis of Anomalous Discharging Processes in Pentacene/C ₆₀ Double-Layer Organic Solar Cell. Japanese Journal of Applied Physics, 2012, 51, 02BK01.	0.8	1
134	Prediction of Grain Output in Anhui Province Based on Machine Learning. , 2021, , .		1
135	Application of Monte Carlo Simulation in Reliability and Validity Evaluation of Two-Stage Cluster Sampling on Multinomial Sensitive Question. Lecture Notes in Computer Science, 2012, , 261-268.	1.0	1
136	Analyzing Photo Induced Internal Electric Field in Pentacene/C ₆₀ Double-Layer Organic Solar Cells under Various External Voltages by Electric-Field-Induced Optical Second Harmonic Generation Measurement. Japanese Journal of Applied Physics, 2012, 51, 041605.	0.8	1
137	Fish-Wearable Data Snooping Platform for Underwater Energy Harvesting and Fish Behavior Monitoring (Small 10/2022). Small, 2022, 18, .	5.2	1
138	Determination of Lifetime of Double-Layer CuPc/C60 Organic Solar Cells by Optical Electric-Field-Induced Second-Harmonic Generation Measurement. Physics Procedia, 2011, 14, 167-171.	1.2	0
139	Effect of current density on the deposit stress in gold electroplating. Modern Physics Letters B, 2017, 31, 1750188.	1.0	0
140	Analysis of Sensitive Questions of MSM Based on RRT. Communications in Computer and Information Science, 2012, , 273-279.	0.4	0
141	Reliability and Validity Assessment of Cluster Sampling on Multinomial Sensitive Question by Monte Carlo Simulation. Communications in Computer and Information Science, 2013, , 212-221.	0.4	0
142	Investigation of Interfacial Charging Process of Pentacene/C ₆₀ /BCP Triple-Layer Organic Solar Cells. IEICE Transactions on Electronics, 2013, E96.C, 358-361.	0.3	0