

Jin Wu

List of Publications by Year in descending order

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125
papers

5,952
citations

61857

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74018

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129
all docs

129
docs citations

129
times ranked

6245
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | An intrinsically stretchable humidity sensor based on anti-drying, self-healing and transparent organohydrogels. <i>Materials Horizons</i> , 2019, 6, 595-603. | 6.4 | 297 |
| 2 | Ultrastretchable and Stable Strain Sensors Based on Antifreezing and Self-Healing Ionic Organohydrogels for Human Motion Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9405-9414. | 4.0 | 285 |
| 3 | Gradient Porous Elastic Hydrogels with Shape-Memory Property and Anisotropic Responses for Programmable Locomotion. <i>Advanced Functional Materials</i> , 2015, 25, 7272-7279. | 7.8 | 228 |
| 4 | Mesoporous Metal-Organic Frameworks with Size-, Shape-, and Space-Distribution-Controlled Pore Structure. <i>Advanced Materials</i> , 2015, 27, 2923-2929. | 11.1 | 217 |
| 5 | Conductive Hydrogel- and Organohydrogel-Based Stretchable Sensors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2128-2144. | 4.0 | 214 |
| 6 | Carbon Nanocoil-Based Fast-Response and Flexible Humidity Sensor for Multifunctional Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4242-4251. | 4.0 | 209 |
| 7 | Designable Yolk-Shell Nanoparticle@MOF Petal-like Heterostructures. <i>Chemistry of Materials</i> , 2014, 26, 1119-1125. | 3.2 | 207 |
| 8 | Origami-inspired electret-based triboelectric generator for biomechanical and ocean wave energy harvesting. <i>Nano Energy</i> , 2020, 67, 104197. | 8.2 | 199 |
| 9 | Investigation of Multimodal Electret-Based MEMS Energy Harvester With Impact-Induced Nonlinearity. <i>Journal of Microelectromechanical Systems</i> , 2018, 27, 276-288. | 1.7 | 188 |
| 10 | Extremely Deformable, Transparent, and High-Performance Gas Sensor Based on Ionic Conductive Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2364-2373. | 4.0 | 180 |
| 11 | Dual Conductive Network Hydrogel for a Highly Conductive, Self-Healing, Anti-Freezing, and Non-Drying Strain Sensor. <i>ACS Applied Polymer Materials</i> , 2020, 2, 996-1005. | 2.0 | 170 |
| 12 | Highly Stretchable and Transparent Thermistor Based on Self-Healing Double Network Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19097-19105. | 4.0 | 168 |
| 13 | Facile Synthesis of 3D Graphene Flowers for Ultrasensitive and Highly Reversible Gas Sensing. <i>Advanced Functional Materials</i> , 2016, 26, 7462-7469. | 7.8 | 149 |
| 14 | Ultrasensitive and Stretchable Temperature Sensors Based on Thermally Stable and Self-Healing Organohydrogels. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19069-19079. | 4.0 | 145 |
| 15 | A 3D Chemically Modified Graphene Hydrogel for Fast, Highly Sensitive, and Selective Gas Sensor. <i>Advanced Science</i> , 2017, 4, 1600319. | 5.6 | 135 |
| 16 | Improved Selectivity and Sensitivity of Gas Sensing Using a 3D Reduced Graphene Oxide Hydrogel with an Integrated Microheater. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27502-27510. | 4.0 | 132 |
| 17 | Ultra-Sensitive, Deformable, and Transparent Triboelectric Tactile Sensor Based on Micro-Pyramid Patterned Ionic Hydrogel for Interactive Human-Machine Interfaces. <i>Advanced Science</i> , 2022, 9, e2104168. | 5.6 | 123 |
| 18 | 3D superhydrophobic reduced graphene oxide for activated NO ₂ sensing with enhanced immunity to humidity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 478-488. | 5.2 | 116 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Ultrasensitive, Stretchable, and Fast-Response Temperature Sensors Based on Hydrogel Films for Wearable Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21854-21864. | 4.0 | 113 |
| 20 | Piezoelectric ZnO thin films for 2DOF MEMS vibrational energy harvesting. <i>Surface and Coatings Technology</i> , 2019, 359, 289-295. | 2.2 | 110 |
| 21 | Freestanding graphene paper decorated with 2D-assembly of Au@Pt nanoparticles as flexible biosensors to monitor live cell secretion of nitric oxide. <i>Biosensors and Bioelectronics</i> , 2013, 49, 71-78. | 5.3 | 108 |
| 22 | Chemically functionalized 3D graphene hydrogel for high performance gas sensing. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8130-8140. | 5.2 | 106 |
| 23 | Multifunctional Highly Sensitive Multiscale Stretchable Strain Sensor Based on a Graphene/Glycerolâ€KCl Synergistic Conductive Network. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31716-31724. | 4.0 | 97 |
| 24 | Flexible, 3D SnS ₂ /Reduced graphene oxide heterostructured NO ₂ sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127445. | 4.0 | 91 |
| 25 | A novel two-degree-of-freedom MEMS electromagnetic vibration energy harvester. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 035020. | 1.5 | 90 |
| 26 | Hierarchical Honeycomb-Structured Electret/Triboelectric Nanogenerator for Biomechanical and Morphing Wing Energy Harvesting. <i>Nano-Micro Letters</i> , 2021, 13, 123. | 14.4 | 80 |
| 27 | Ultrastable, stretchable, highly conductive and transparent hydrogels enabled by salt-percolation for high-performance temperature and strain sensing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13668-13679. | 2.7 | 77 |
| 28 | Environment tolerant, adaptable and stretchable organohydrogels: preparation, optimization, and applications. <i>Materials Horizons</i> , 2022, 9, 1356-1386. | 6.4 | 75 |
| 29 | Three-Dimensional Graphene Hydrogel Decorated with SnO ₂ for High-Performance NO ₂ Sensing with Enhanced Immunity to Humidity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2634-2643. | 4.0 | 70 |
| 30 | An ultrastretchable, high-performance, and crosstalk-free proximity and pressure bimodal sensor based on ionic hydrogel fibers for human-machine interfaces. <i>Materials Horizons</i> , 2022, 9, 1935-1946. | 6.4 | 67 |
| 31 | Multifunctional and High-Sensitive Sensor Capable of Detecting Humidity, Temperature, and Flow Stimuli Using an Integrated Microheater. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43383-43392. | 4.0 | 64 |
| 32 | High-Performance Pressure Sensors Based on 3D Microstructure Fabricated by a Facile Transfer Technology. <i>Advanced Materials Technologies</i> , 2019, 4, 1800640. | 3.0 | 63 |
| 33 | Improved kinetics of methanol oxidation on Pt/hollow carbon sphere catalysts. <i>Electrochimica Acta</i> , 2008, 53, 8341-8345. | 2.6 | 60 |
| 34 | Green Synthesis of 3D Chemically Functionalized Graphene Hydrogel for High-Performance NH ₃ and NO ₂ Detection at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20623-20632. | 4.0 | 60 |
| 35 | Boosted sensitivity of graphene gas sensor via nanoporous thin film structures. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1805-1813. | 4.0 | 59 |
| 36 | Three-Dimensional-Structured Boron- and Nitrogen-Doped Graphene Hydrogel Enabling High-Sensitivity NO ₂ Detection at Room Temperature. <i>ACS Sensors</i> , 2019, 4, 1889-1898. | 4.0 | 58 |

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|----|--|------|-----------|
| 37 | Stretchable, Stable, and Room-Temperature Gas Sensors Based on Self-Healing and Transparent Organohydrogels. ACS Applied Materials & Interfaces, 2020, 12, 52070-52081. | 4.0 | 57 |
| 38 | Ion-Conductive Hydrogel-Based Stretchable, Self-Healing, and Transparent NO ₂ Sensor with High Sensitivity and Selectivity at Room Temperature. Small, 2021, 17, e2104997. | 5.2 | 55 |
| 39 | Self-Healing, Self-Adhesive and Stable Organohydrogel-Based Stretchable Oxygen Sensor with High Performance at Room Temperature. Nano-Micro Letters, 2022, 14, 52. | 14.4 | 53 |
| 40 | Recent Advances in Gas and Humidity Sensors Based on 3D Structured and Porous Graphene and Its Derivatives. , 2020, 2, 1381-1411. | | 50 |
| 41 | Gas sensing materials roadmap. Journal of Physics Condensed Matter, 2021, 33, 303001. | 0.7 | 49 |
| 42 | Enhanced electrostatic vibrational energy harvesting using integrated opposite-charged electrets. Journal of Micromechanics and Microengineering, 2017, 27, 044002. | 1.5 | 47 |
| 43 | Hydrogel- and organohydrogel-based stretchable, ultrasensitive, transparent, room-temperature and real-time NO ₂ sensors and the mechanism. Materials Horizons, 2022, 9, 1921-1934. | 6.4 | 47 |
| 44 | Synthesis of Single Crystalline Anatase TiO ₂ (001) Tetragonal Nanosheet Array Films on Fluorine-Doped Tin Oxide Substrate. Journal of the American Ceramic Society, 2011, 94, 310-315. | 1.9 | 45 |
| 45 | Rapid-response, reversible and flexible humidity sensing platform using a hydrophobic and porous substrate. Journal of Materials Chemistry B, 2019, 7, 2063-2073. | 2.9 | 42 |
| 46 | Miura-origami-inspired electret/triboelectric power generator for wearable energy harvesting with water-proof capability. Microsystems and Nanoengineering, 2020, 6, 56. | 3.4 | 40 |
| 47 | In situ synthesis of large-area single sub-10 nm nanoparticle arrays by polymer pen lithography. Nanoscale, 2014, 6, 749-752. | 2.8 | 39 |
| 48 | Highly Stable Pd-Based Catalytic Nanoarchitectures for Low Temperature Fuel Cells. Fuel Cells, 2008, 8, 429-435. | 1.5 | 34 |
| 49 | Mechanistic study on nickel-molybdenum based electrocatalysts for the hydrogen evolution reaction. Journal of Catalysis, 2020, 388, 122-129. | 3.1 | 32 |
| 50 | Fabrication of Two-Dimensional Crystalline Organic Films by Tilted Spin Coating for High-Performance Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2019, 11, 7226-7234. | 4.0 | 24 |
| 51 | Self-Calibrated, Sensitive, and Flexible Temperature Sensor Based on 3D Chemically Modified Graphene Hydrogel. Advanced Electronic Materials, 2021, 7, 2001084. | 2.6 | 24 |
| 52 | Solution-based SnGaO thin-film transistors for Zn- and In-free oxide electronic devices. Applied Physics Letters, 2018, 113, . | 1.5 | 22 |
| 53 | Self-Powered Fast-Response X-Ray Detectors Based on Vertical GaN p-n Diodes. IEEE Electron Device Letters, 2019, 40, 1044-1047. | 2.2 | 22 |
| 54 | Parallel Near-Field Photolithography with Metal-Coated Elastomeric Masks. Langmuir, 2015, 31, 1210-1217. | 1.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Preparation and Thermoelectric Properties of Polycrystalline $\text{In}_4\text{Sn}_3\text{Te}_x$ by Mechanical Alloying and Hot Pressing. <i>Journal of Electronic Materials</i> , 2012, 41, 1077-1080. | 1.0 | 17 |
| 56 | Micro-patterning of resin-bonded NdFeB magnet for a fully integrated electromagnetic actuator. <i>Solid-State Electronics</i> , 2017, 138, 66-72. | 0.8 | 17 |
| 57 | Thermal barrier effect from internal pore channels on thickened aluminum nanofilm. <i>International Journal of Thermal Sciences</i> , 2021, 162, 106781. | 2.6 | 17 |
| 58 | Experimental Characterization and Model Verification of Thermal Conductivity from Mesoporous to Macroporous SiOC Ceramics. <i>Journal of Thermal Science</i> , 2021, 30, 465-476. | 0.9 | 16 |
| 59 | Three-dimensional gold nanoparticles-modified graphene hydrogel for high-sensitive NO_2 and NH_3 detection with enhanced resistance to humidity. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130259. | 4.0 | 16 |
| 60 | Fabrication of Ag-Sn-Sb-Te based thermoelectric materials by MA-PAS and their properties. <i>Journal of Alloys and Compounds</i> , 2010, 507, 167-171. | 2.8 | 15 |
| 61 | Nanostructured High-Performance Thin-Film Transistors and Phototransistors Fabricated by a High-Yield and Versatile Near-Field Nanolithography Strategy. <i>ACS Nano</i> , 2019, 13, 6618-6630. | 7.3 | 15 |
| 62 | Solvothermal-Induced Conversion of One-Dimensional Multilayer Nanotubes to Two-Dimensional Hydrophilic VO_x Nanosheets: Synthesis and Water Treatment Application. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10389-10394. | 4.0 | 14 |
| 63 | Development of bipolar-charged electret rotatory power generator and application in self-powered intelligent thrust bearing. <i>Nano Energy</i> , 2021, 90, 106491. | 8.2 | 14 |
| 64 | Deformable, transparent, high-performance, room-temperature oxygen sensors based on ion-conductive, environmental-tolerant, and green organohydrogels. <i>EcoMat</i> , 2022, 4, . | 6.8 | 14 |
| 65 | Epitaxial growth of successive CdSe ultrathin films and quantum dot layers on TiO_2 nanorod arrays for photo-electrochemical cells. <i>RSC Advances</i> , 2014, 4, 12154. | 1.7 | 13 |
| 66 | Synthesis, Characterization, and Memory Performance of Two Phenazine/Triphenylamine-Based Organic Small Molecules through Donor-Acceptor Design. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 646-651. | 1.3 | 13 |
| 67 | Large-Area Sub-Wavelength Optical Patterning via Long-Range Ordered Polymer Lens Array. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16368-16378. | 4.0 | 13 |
| 68 | Constructing Electrophoretic Displays on Foldable Paper-Based Electrodes by a Facile Transferring Method. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1335-1342. | 2.0 | 13 |
| 69 | Ultrasensitive, stretchable, and transparent humidity sensor based on ion-conductive double-network hydrogel thin films. <i>Science China Materials</i> , 2022, 65, 2540-2552. | 3.5 | 13 |
| 70 | Multifunctional Alumina Composites with Toughening and Crack-Healing Features Via Incorporation of NiAl Particles. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1618-1625. | 1.9 | 12 |
| 71 | Fabrication of ultrathin $\text{Zn}(\text{OH})_2$ nanosheets as drug carriers. <i>Nano Research</i> , 2016, 9, 2520-2530. | 5.8 | 12 |
| 72 | Pyramid-Shaped Single-Crystalline Nanostructure of Molybdenum with Excellent Mechanical, Electrical, and Optical Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24218-24230. | 4.0 | 12 |

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|----|--|-----|-----------|
| 73 | A high endurance, temperature-resilient, and robust organic electrochemical transistor for neuromorphic circuits. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11801-11808. | 2.7 | 12 |
| 74 | Recent advances in biosensors for detection of exosomes. <i>Current Opinion in Biomedical Engineering</i> , 2021, 18, 100280. | 1.8 | 12 |
| 75 | Production of Centimeter-Scale Gradient Patterns by Graded Elastomeric Tip Array. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6991-7000. | 4.0 | 10 |
| 76 | Centimeter-Scale Subwavelength Photolithography Using Metal-Coated Elastomeric Photomasks with Modulated Light Intensity at the Oblique Sidewalls. <i>Langmuir</i> , 2015, 31, 5005-5013. | 1.6 | 9 |
| 77 | Investigation of a Thin-film Quasi-reference Electrode Fabricated by Combined Sputtering-evaporation Approach. <i>Electroanalysis</i> , 2019, 31, 560-566. | 1.5 | 9 |
| 78 | Facile patterning and transferring method for constructing self-powered UV photodetectors. <i>Applied Physics Express</i> , 2018, 11, 116502. | 1.1 | 8 |
| 79 | Doping Effects of Various Carrier Suppressing Elements on Solution-Processed SnO _x -Based Thin-Film Transistors. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 3371-3375. | 1.6 | 8 |
| 80 | Stretchable Transparent Electrode via Wettability Self-Assembly in Mechanically Induced Self-Cracking. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52880-52891. | 4.0 | 8 |
| 81 | Thermoelectric Properties of Sn-Substituted AgPb _m SbTe _{m+2} via the Route of Mechanical Alloying and Plasma-Activated Sintering. <i>Journal of Electronic Materials</i> , 2012, 41, 1100-1104. | 1.0 | 7 |
| 82 | Production of centimeter-scale sub-wavelength nanopatterns by controlling the light path of adhesive photomasks. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6796-6808. | 2.7 | 7 |
| 83 | Monolithic integration of GaN LEDs with vertical driving MOSFETs by selective area growth and band engineering of the p-AlGaN electron blocking layer through TCAD simulation. <i>Semiconductor Science and Technology</i> , 2019, 34, 064002. | 1.0 | 7 |
| 84 | Ultrahigh Sensitivity of Flexible Thermistors Based on 3D Porous Graphene Characterized by Imbedded Microheaters. <i>Advanced Electronic Materials</i> , 2020, 6, 2000451. | 2.6 | 7 |
| 85 | An Electret/Hydrogel-Based Tactile Sensor Boosted by Micro-Patterned and Electrostatic Promoting Methods with Flexibility and Wide-Temperature Tolerance. <i>Micromachines</i> , 2021, 12, 1462. | 1.4 | 7 |
| 86 | Revealing the Role of Surface Co-modification in Boosting the Gas Sensing Performance of Graphene Using Experimental and Theoretical Evidences. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128162. | 4.0 | 6 |
| 87 | Electrostatic/triboelectric hybrid power generator using folded electrets. , 2017, , . | | 5 |
| 88 | MEMS/NEMS-Enabled Energy Harvesters as Self-Powered Sensors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019, , 1-30. | 0.2 | 5 |
| 89 | Amorphous Ni(OH) ₂ nanocages as efficient SERS substrates for selective recognition in mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127652. | 2.3 | 5 |
| 90 | Enhanced gas sensing by 3D water steamed graphene hydrogel. <i>Solid-State Electronics</i> , 2017, 138, 101-107. | 0.8 | 4 |

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|-----|---|-----|-----------|
| 91 | Three-dimensional hierarchical and superhydrophobic graphene gas sensor with good immunity to humidity. , 2018, , . | | 4 |
| 92 | Bipolar Micro Electret Power Generator. , 2019, , . | | 4 |
| 93 | Revealing Charge Transport and Device Operations of Organic Ambipolar Transistors and Inverters by Four-Probe Measurement. Advanced Electronic Materials, 2021, 7, 2001134. | 2.6 | 4 |
| 94 | Orders-of-magnitude enhancement in conductivity tuning in InGaZnO thin-film transistors via SiN _x passivation and dual-gate modulation. Journal of Information Display, 2019, 20, 161-167. | 2.1 | 3 |
| 95 | Highly Deformable and Transparent Triboelectric Physiological Sensor Based on Anti-Freezing and Antidrying Ionic Conductive Hydrogel. , 2021, , . | | 3 |
| 96 | Water Hardness Determination Using Disposable MEMS-Based Electrochemical Sensor. , 2018, , . | | 2 |
| 97 | Anti-Freezing and Anti-Drying Organohydrogel Coated with Graphene for Highly Sensitive and Ultrastretchable Strain Sensing. , 2021, , . | | 2 |
| 98 | High-performance gas sensing by chemically modified 3D graphene hydrogel. , 2016, , . | | 1 |
| 99 | 3D porous graphene hydrogel for improved gas sensing performance at elevated temperature. , 2016, , . | | 1 |
| 100 | MEMS/NEMS-Enabled Vibrational Energy Harvesting for Self-Powered and Wearable Electronics. , 2017, , 271-297. | | 1 |
| 101 | Sub-wavelength optical lithography via nanoscale polymer lens array. , 2017, , . | | 1 |
| 102 | 3D sulfonated graphene hydrogel for enhanced chemical sensing. , 2017, , . | | 1 |
| 103 | Enhanced Performance of a Rotary Energy Harvester with Bipolar Charged Electrets. , 2018, , . | | 1 |
| 104 | Miura-Origami-Structured W-Tube Electret Power Generator with Water-Proof and Multifunctional Energy Harvesting Capability. , 2021, , . | | 1 |
| 105 | Ultra-flexible and highly transparent hydrogel-based triboelectric nanogenerator for physiological signal monitoring. , 2021, , . | | 1 |
| 106 | Investigation of electrostatic-piezoelectric hybrid vibrational power generators with different frequency broadening schemes. , 2021, , . | | 1 |
| 107 | Multi-Arched Asynchronous Triboelectric Sensor Based on Ultra-Stretchable Hydrogel for a Novel Displacement Measuring Mechanism. , 2021, , . | | 1 |
| 108 | Hydrogel-Based Sensitive and Humidity-Resistant Oxygen Gas Sensors Enabled by Porous Ecoflex Membranes. , 2021, , . | | 1 |

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|-----|---|-----|-----------|
| 109 | Integrative Hydrogel-Based Tactile Sensor by Triboelectric and Piezoresistive Effect For Detecting Dynamic and Static Pressure. , 2022, , . | | 1 |
| 110 | A button switch inspired duplex hydrogel sensor based on both triboelectric and piezoresistive effects for detecting dynamic and static pressure. Nami Jishu Yu Jingmi Gongcheng/Nanotechnology and Precision Engineering, 2022, 5, 023002. | 1.7 | 1 |
| 111 | One-Step Preparation of Pt on Pretreated Multiwalled Carbon Nanotubes for Methanol Electrooxidation. Fuel Cells, 2010, 10, 106-110. | 1.5 | 0 |
| 112 | Fully integrated electromagnetic actuator using resin-bonded NdFeB micromagnets. , 2016, , . | | 0 |
| 113 | Gradient lithography using graded tip array. , 2017, , . | | 0 |
| 114 | Superior gas detection by nanoporous graphene structures. , 2017, , . | | 0 |
| 115 | Multilayered Electret/Triboelectric Generator for Selfpowered Instantaneous Tactile Imaging. , 2019, , . | | 0 |
| 116 | Oxide semiconductor thin-film transistors with nano-splitting and field-surrounding channels fabricated by subwavelength photolithography. JPhys Materials, 2020, 3, 015010. | 1.8 | 0 |
| 117 | Transparent, Anti-Freezing Hydrogels for Ultrasensitive Temperature and Strain Sensor Based on A Thin-Film Structure. , 2021, , . | | 0 |
| 118 | Micro-Patterned Electret Power Generator for Simultaneous Oscillation and Rotatory Detection in Railways. , 2021, , . | | 0 |
| 119 | Salt-Percolated, Anti-Drying, Anti-Freezing and Transparent Hydrogels for Stretchable Temperature and Strain Sensor. , 2021, , . | | 0 |
| 120 | High Sensitive Nitrogen Dioxide Sensor Based on Polyvinyl Alcohol-Cellulose Nanofibril Organohydrogel with Repairability, Anti-Freezing, Stretchability, Long-Lasting Moisture, and High Strength. , 2021, , . | | 0 |
| 121 | STRETCHABLE OXYGEN SENSOR BASED ON SELF-HEALING AND SELF-ADHESIVE ORGANOHYDROGELS. , 2021, , . | | 0 |
| 122 | Intersecting Book Inspired High-Power-Density Electret/Triboelectric Multilayered Power Generator with Flexible Interdigital Electrodes. , 2021, , . | | 0 |
| 123 | Intelligent Thrust Bearing Based on Electret Rotary Power Generator with Self-Powering and Self-Sensing Capabilities. , 2021, , . | | 0 |
| 124 | Highly Deformable and Stable Gas Sensor Based on Anti-Drying Ionic Organohydrogel for O2 Gas Detection. , 2021, , . | | 0 |
| 125 | Deformable Humidity Sensor and its Performance Based on Double-Network and Ionic Conductive Hydrogel Membrane. , 2021, , . | | 0 |