

Chengyi Hou

List of Publications by Year in descending order

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146
papers

7,511
citations

36271

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164
all docs

164
docs citations

164
times ranked

9504
citing authors

#	ARTICLE	IF	CITATIONS
1	Origami-inspired active graphene-based paper for programmable instant self-folding walking devices. <i>Science Advances</i> , 2015, 1, e1500533.	4.7	312
2	Highly Conductive, Flexible, and Compressible All-Graphene Passive Electronic Skin for Sensing Human Touch. <i>Advanced Materials</i> , 2014, 26, 5018-5024.	11.1	273
3	Sheath-run artificial muscles. <i>Science</i> , 2019, 365, 150-155.	6.0	218
4	Ti3C2 MXene-derived carbon-doped TiO2 coupled with g-C3N4 as the visible-light photocatalysts for photocatalytic H2 generation. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118539.	10.8	204
5	Ultrathin, Washable, and Large-Area Graphene Papers for Personal Thermal Management. <i>Small</i> , 2017, 13, 1702645.	5.2	177
6	P25-graphene hydrogels: Room-temperature synthesis and application for removal of methylene blue from aqueous solution. <i>Journal of Hazardous Materials</i> , 2012, 205-206, 229-235.	6.5	176
7	Advanced Functional Fiber and Smart Textile. <i>Advanced Fiber Materials</i> , 2019, 1, 3-31.	7.9	169
8	Molecular-channel driven actuator with considerations for multiple configurations and color switching. <i>Nature Communications</i> , 2018, 9, 590.	5.8	159
9	An Elastic Transparent Conductor Based on Hierarchically Wrinkled Reduced Graphene Oxide for Artificial Muscles and Sensors. <i>Advanced Materials</i> , 2016, 28, 9491-9497.	11.1	147
10	Flexible and high-performance electrochromic devices enabled by self-assembled 2D TiO2/MXene heterostructures. <i>Nature Communications</i> , 2021, 12, 1587.	5.8	143
11	Ion-Transport Design for High-Performance Na ⁺ -Based Electrochromics. <i>ACS Nano</i> , 2018, 12, 3759-3768.	7.3	136
12	Fluoroalkylsilane-Modified Textile-Based Personal Energy Management Device for Multifunctional Wearable Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4676-4683.	4.0	130
13	Continuous and scalable manufacture of amphibious energy yarns and textiles. <i>Nature Communications</i> , 2019, 10, 868.	5.8	121
14	All-fiber tribo-ferroelectric synergistic electronics with high thermal-moisture stability and comfortability. <i>Nature Communications</i> , 2019, 10, 5541.	5.8	121
15	Ni-Mo nanoparticles as co-catalyst for drastically enhanced photocatalytic hydrogen production activity over g-C3N4. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 136-144.	10.8	117
16	A highly integrated sensing paper for wearable electrochemical sweat analysis. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112828.	5.3	113
17	A strong and stretchable self-healing film with self-activated pressure sensitivity for potential artificial skin applications. <i>Scientific Reports</i> , 2013, 3, 3138.	1.6	112
18	MXene-Coated Air-Permeable Pressure-Sensing Fabric for Smart Wear. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46446-46454.	4.0	111

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19	One-step synthesis of magnetically-functionalized reduced graphite sheets and their use in hydrogels. <i>Carbon</i> , 2011, 49, 47-53.	5.4	107
20	High-performance all-solid-state yarn supercapacitors based on porous graphene ribbons. <i>Nano Energy</i> , 2015, 12, 26-32.	8.2	101
21	Cladding nanostructured AgNWs-MoS ₂ electrode material for high-rate and long-life transparent in-plane micro-supercapacitor. <i>Energy Storage Materials</i> , 2019, 16, 212-219.	9.5	99
22	High-performance Flexible Thermoelectric Devices Based on All-inorganic Hybrid Films for Harvesting Low-grade Heat. <i>Advanced Functional Materials</i> , 2019, 29, 1900304.	7.8	97
23	WO ₃ /g-C ₃ N ₄ two-dimensional composites for visible-light driven photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4845-4855.	3.8	96
24	A Moisture-Wicking Passive Radiative Cooling Hierarchical Metafabric. <i>ACS Nano</i> , 2022, 16, 2188-2197.	7.3	96
25	A multi-responsive water-driven actuator with instant and powerful performance for versatile applications. <i>Scientific Reports</i> , 2015, 5, 9503.	1.6	91
26	Synergistic Solvation and Interface Regulations of Eco-friendly Silk Peptide Additive Enabling Stable Aqueous Zinc-ion Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	91
27	Regulation of carbon content in MOF-derived hierarchical-porous NiO@C films for high-performance electrochromism. <i>Materials Horizons</i> , 2019, 6, 571-579.	6.4	90
28	S, N Co-Doped Graphene Quantum Dot/TiO ₂ Composites for Efficient Photocatalytic Hydrogen Generation. <i>Nanoscale Research Letters</i> , 2017, 12, 400.	3.1	87
29	Stable Hydrogel Electrolytes for Flexible and Submarine-Use Zn-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46005-46014.	4.0	87
30	Preparation and magnetic property analysis of monodisperse Co-Zn ferrite nanospheres. <i>Journal of Alloys and Compounds</i> , 2010, 491, 431-435.	2.8	83
31	Metal-Organic Framework Derived Iron Sulfide@Carbon Core-Shell Nanorods as a Conversion-Type Battery Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5039-5048.	3.2	82
32	Infrared-Radiation-Enhanced Nanofiber Membrane for Sky Radiative Cooling of the Human Body. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44673-44681.	4.0	82
33	Graphene-polymer hydrogels with stimulus-sensitive volume changes. <i>Carbon</i> , 2012, 50, 1959-1965.	5.4	81
34	Lattice-contraction triggered synchronous electrochromic actuator. <i>Nature Communications</i> , 2018, 9, 4798.	5.8	80
35	Facilitating Interfacial Stability Via Bilayer Heterostructure Solid Electrolyte Toward High-energy, Safe and Adaptable Lithium Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2000709.	10.2	79
36	Bio-applicable and electroactive near-infrared laser-triggered self-healing hydrogels based on graphene networks. <i>Journal of Materials Chemistry</i> , 2012, 22, 14991.	6.7	76

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37	Hydrogel-based hierarchically wrinkled stretchable nanofibrous membrane for high performance wearable triboelectric nanogenerator. <i>Nano Energy</i> , 2020, 67, 104206.	8.2	76
38	A wearable, fibroid, self-powered active kinematic sensor based on stretchable sheath-core structural triboelectric fibers. <i>Nano Energy</i> , 2017, 39, 673-683.	8.2	71
39	Abrasion Resistant/Waterproof Stretchable Triboelectric Yarns Based on Fermat Spirals. <i>Advanced Materials</i> , 2021, 33, e2100782.	11.1	68
40	Graphene papers: smart architecture and specific functionalization for biomimetics, electrocatalytic sensing and energy storage. <i>Materials Chemistry Frontiers</i> , 2017, 1, 37-60.	3.2	67
41	Free-standing and flexible graphene papers as disposable non-enzymatic electrochemical sensors. <i>Bioelectrochemistry</i> , 2016, 109, 87-94.	2.4	66
42	Cobalt nitride nanoparticle coated hollow carbon spheres with nitrogen vacancies as an electrocatalyst for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14498-14505.	5.2	66
43	Interlocked graphene-Prussian blue hybrid composites enable multifunctional electrochemical applications. <i>Biosensors and Bioelectronics</i> , 2017, 89, 570-577.	5.3	62
44	Engineering two-dimensional layered nanomaterials for wearable biomedical sensors and power devices. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1944-1986.	3.2	59
45	Self-Powered Interactive Fiber Electronics with Visual-Digital Synergies. <i>Advanced Materials</i> , 2021, 33, e2104681.	11.1	58
46	Wearable Thermoelectric Devices Based on Au-Decorated Two-Dimensional MoS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33316-33321.	4.0	57
47	A highly ionic conductive poly(methyl methacrylate) composite electrolyte with garnet-typed Li _{6.75} La ₃ Zr _{1.75} Nb _{0.25} O ₁₂ nanowires. <i>Chemical Engineering Journal</i> , 2019, 375, 121922.	6.6	57
48	Hierarchical Composite-Solid-Electrolyte with High Electrochemical Stability and Interfacial Regulation for Boosting Ultra-Stable Lithium Batteries. <i>Advanced Functional Materials</i> , 2021, 31, .	7.8	57
49	MoS ₂ /C/C nanofiber with double-layer carbon coating for high cycling stability and rate capability in lithium-ion batteries. <i>Nano Research</i> , 2018, 11, 5866-5878.	5.8	55
50	Highly Integrable Thermoelectric Fiber. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33297-33304.	4.0	54
51	Graphene sheets/cobalt nanocomposites as low-cost/high-performance catalysts for hydrogen generation. <i>Materials Chemistry and Physics</i> , 2012, 135, 826-831.	2.0	53
52	Facile synthesis of water-dispersible Cu ₂ O nanocrystal-reduced graphene oxide hybrid as a promising cancer therapeutic agent. <i>Nanoscale</i> , 2013, 5, 1227.	2.8	53
53	Highly Strong and Elastic Graphene Fibres Prepared from Universal Graphene Oxide Precursors. <i>Scientific Reports</i> , 2014, 4, 4248.	1.6	53
54	Wicking-Polarization-Induced Water Cluster Size Effect on Triboelectric Evaporation Textiles. <i>Advanced Materials</i> , 2021, 33, e2007352.	11.1	53

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55	Dual-Mechanism and Multimotion Soft Actuators Based on Commercial Plastic Film. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15122-15128.	4.0	52
56	Water-resistant and underwater adhesive ion-conducting gel for motion-robust bioelectric monitoring. <i>Chemical Engineering Journal</i> , 2022, 431, 134012.	6.6	52
57	Constructing three-dimensional quasi-vertical nanosheet architectures from self-assemble two-dimensional WO ₃ ·2H ₂ O for efficient electrochromic devices. <i>Applied Surface Science</i> , 2016, 380, 281-287.	3.1	48
58	Solution-Processed Porous Tungsten Molybdenum Oxide Electrodes for Energy Storage Smart Windows. <i>Advanced Materials Technologies</i> , 2017, 2, 1700047.	3.0	48
59	Continuously Processed, Long Electrochromic Fibers with Multi-Environmental Stability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28451-28460.	4.0	48
60	Flexible and thermostable thermoelectric devices based on large-area and porous all-graphene films. <i>Carbon</i> , 2016, 107, 146-153.	5.4	47
61	Prepolymerization-assisted fabrication of an ultrathin immobilized layer to realize a semi-embedded wrinkled AgNW network for a smart electrothermal chromatic display and actuator. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9778-9785.	2.7	46
62	1T-Molybdenum disulfide/reduced graphene oxide hybrid fibers as high strength fibrous electrodes for wearable energy storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3143-3149.	5.2	45
63	Three-Dimensional Hierarchically Porous Graphene Fiber-Shaped Supercapacitors with High Specific Capacitance and Rate Capability. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25205-25217.	4.0	45
64	A remote controllable fiber-type near-infrared light-responsive actuator. <i>Chemical Communications</i> , 2017, 53, 11118-11121.	2.2	43
65	Reduced graphene oxide functionalized stretchable and multicolor electrothermal chromatic fibers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11448-11453.	2.7	41
66	Tuning the reactivity of PbI ₂ film via monolayer Ti ₃ C ₂ T _x MXene for two-step-processed CH ₃ NH ₃ PbI ₃ solar cells. <i>Chemical Engineering Journal</i> , 2021, 417, 127912.	6.6	40
67	Thermochromic Hydrogel-Functionalized Textiles for Synchronous Visual Monitoring of On-Demand <i>In Vitro</i> Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51225-51235.	4.0	39
68	Versatile mechanically strong and highly conductive chemically converted graphene aerogels. <i>Carbon</i> , 2017, 125, 352-359.	5.4	38
69	High performance stretchable fibrous supercapacitors and flexible strain sensors based on CNTs/MXene-TPU hybrid fibers. <i>Electrochimica Acta</i> , 2021, 395, 139141.	2.6	38
70	From carbon nanotubes to highly adaptive and flexible high-performance thermoelectric generators. <i>Nano Energy</i> , 2021, 89, 106487.	8.2	34
71	High-Performance Ionic Thermoelectric Supercapacitor for Integrated Energy Conversion&Storage. <i>Energy and Environmental Materials</i> , 2022, 5, 954-961.	7.3	33
72	Transparent Metal-Organic Framework-Based Gel Electrolytes for Generalized Assembly of Quasi-Solid-State Electrochromic Devices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42955-42961.	4.0	32

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73	Flexible 3D Porous MoS ₂ /CNTs Architectures with <i>ZT</i> of 0.17 at Room Temperature for Wearable Thermoelectric Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2002508.	7.8	31
74	Metal-Organic Framework-Derived Nickel/Cobalt-Based Nanohybrids for Sensing Non-Enzymatic Glucose. <i>ChemElectroChem</i> , 2020, 7, 4446-4452.	1.7	30
75	A bio-adhesive ion-conducting organohydrogel as a high-performance non-invasive interface for bioelectronics. <i>Chemical Engineering Journal</i> , 2022, 427, 130886.	6.6	29
76	Enhanced immunofluorescence detection of a protein marker using a PAA modified ZnO nanorod array-based microfluidic device. <i>Nanoscale</i> , 2018, 10, 17663-17670.	2.8	28
77	Skeleton-Structure WS ₂ @CNT Thin-Film Hybrid Electrodes for High-Performance Quasi-Solid-State Flexible Supercapacitors. <i>Frontiers in Chemistry</i> , 2020, 8, 442.	1.8	27
78	Calligraphy-inspired brush written foldable supercapacitors. <i>Nano Energy</i> , 2017, 38, 428-437.	8.2	26
79	A kirigami-inspired island-chain design for wearable moistureproof perovskite solar cells with high stretchability and performance stability. <i>Nanoscale</i> , 2020, 12, 3646-3656.	2.8	26
80	One-step synthesis of Co-Ni ferrite/graphene nanocomposites with controllable magnetic and electrical properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012, 177, 1067-1072.	1.7	25
81	Functionalization of PNIPAAm microgels using magnetic graphene and their application in microreactors as switch materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 10512.	6.7	24
82	Graphene-carbon nanotube papers for energy conversion and storage under sunlight and heat. <i>Carbon</i> , 2015, 95, 150-156.	5.4	24
83	In-situ construction of three-dimensional titania network on Ti foil toward enhanced performance of flexible dye-sensitized solar cells. <i>Applied Surface Science</i> , 2016, 380, 210-217.	3.1	24
84	Graphene directed architecture of fine engineered nanostructures with electrochemical applications. <i>Electrochimica Acta</i> , 2017, 242, 202-218.	2.6	24
85	Microfluidic spinning of editable polychromatic fibers. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 115-122.	5.0	24
86	A portable ascorbic acid in sweat analysis system based on highly crystalline conductive nickel-based metal-organic framework (Ni-MOF). <i>Journal of Colloid and Interface Science</i> , 2022, 616, 326-337.	5.0	24
87	Room-temperature synthesis of 3-dimensional Ag-graphene hybrid hydrogel with promising electrochemical properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013, 178, 769-774.	1.7	23
88	Antisolvent-Derived Intermediate Phases for Low-Temperature Flexible Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 6477-6486.	2.5	23
89	Composite Solid Electrolytes: Facilitating Interfacial Stability Via Bilayer Heterostructure Solid Electrolyte Toward High-energy, Safe and Adaptable Lithium Batteries (<i>Adv. Energy Mater.</i> 31/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070131.	10.2	23
90	Highly efficient flexible perovskite solar cells made via ultrasonic vibration assisted room temperature cold sintering. <i>Chemical Engineering Journal</i> , 2020, 394, 124887.	6.6	23

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91	Ultra-stretchable, self-adhesive, transparent, and ionic conductive organohydrogel for flexible sensor. <i>APL Materials</i> , 2021, 9, .	2.2	23
92	NiCo@NiCoO ₂ /carbon hollow nanocages for non-enzyme glucose detection. <i>Electrochimica Acta</i> , 2021, 381, 138259.	2.6	22
93	Reagent-Free Synthesis and Plasmonic Antioxidation of Unique Nanostructured Metal@Metal Oxide Core@Shell Microfibers. <i>Advanced Materials</i> , 2016, 28, 4097-4104.	11.1	21
94	A strong and flexible electronic vessel for real-time monitoring of temperature, motions and flow. <i>Nanoscale</i> , 2017, 9, 17821-17828.	2.8	19
95	Reinforced heat dissipation by simple graphene coating for phosphor-in-glass applied in high-power LED. <i>Journal of Alloys and Compounds</i> , 2019, 774, 954-961.	2.8	19
96	One step synthesis of self-doped F@Ta ₂ O ₅ nanoshuttles photocatalyst and enhanced photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3996-4006.	3.8	19
97	Integrated Ionic-Additive Assisted Wet-Spinning of Highly Conductive and Stretchable PEDOT:PSS Fiber for Fibrous Organic Electrochemical Transistors. <i>Advanced Electronic Materials</i> , 2021, 7, 2100231.	2.6	19
98	A flexible metallic actuator using reduced graphene oxide as a multifunctional component. <i>Nanoscale</i> , 2017, 9, 12963-12968.	2.8	18
99	Zn@Cd@TaON nanocomposites with enhanced stability and photocatalytic hydrogen evolution activity. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 82-91.	1.1	18
100	High Volumetric Energy Density Asymmetric Fibrous Supercapacitors with Coaxial Structure Based on Graphene/MnO ₂ Hybrid Fibers. <i>ChemElectroChem</i> , 2020, 7, 4641-4648.	1.7	18
101	Ultralight, Flexible, and Semi-Transparent Metal Oxide Papers for Photoelectrochemical Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3922-3930.	4.0	17
102	Stretchable electrothermochromic fibers based on hierarchical porous structures with electrically conductive dual-pathways. <i>Science China Materials</i> , 2020, 63, 2582-2589.	3.5	17
103	Mechanical design of brush coating technology for the alignment of one-dimension nanomaterials. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 188-195.	5.0	15
104	Core-shell structured SiO ₂ @ZrO ₂ @SiO ₂ filler for radiopacity and ultra-low shrinkage dental composite resins. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 121, 104593.	1.5	15
105	Electrochemical Actuators with Multicolor Changes and Multidirectional Actuation. <i>Small</i> , 2022, 18, e2107778.	5.2	15
106	Rapid formation of superelastic 3D reduced graphene oxide networks with simultaneous removal of HI utilizing NIR irradiation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9882-9889.	5.2	14
107	Reagent-Free Electrophoretic Synthesis of Few-Atom-Thick Metal Oxide Nanosheets. <i>Chemistry of Materials</i> , 2017, 29, 1439-1446.	3.2	14
108	Highly Aligned Molybdenum Trioxide Nanobelts for Flexible Thin-Film Transistors and Supercapacitors: Macroscopic Assembly and Anisotropic Electrical Properties. <i>ACS Applied Nano Materials</i> , 2019, 2, 1466-1471.	2.4	14

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109	Flexible photodetector based on cotton coated with reduced graphene oxide and sulfur and nitrogen co-doped graphene quantum dots. <i>Journal of Materials Science</i> , 2019, 54, 3242-3251.	1.7	14
110	Scalable fluid-spinning nanowire-based inorganic semiconductor yarns for electrochromic actuators. <i>Materials Horizons</i> , 2021, 8, 1711-1721.	6.4	14
111	Bistable dielectric elastomer actuator with directional motion. <i>Sensors and Actuators A: Physical</i> , 2021, 330, 112889.	2.0	14
112	Solvatochromic structural color fabrics with favorable wearability properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4855-4862.	2.7	13
113	Independent dual-responsive Janus chromic fibers. <i>Science China Materials</i> , 2021, 64, 1770-1779.	3.5	13
114	Highly integrated fiber-shaped thermoelectric generators with radially heterogeneous interlayers. <i>Nano Energy</i> , 2022, 95, 107055.	8.2	13
115	Reduced graphene oxide-coated microfibers for oil/water separation. <i>Environmental Science: Nano</i> , 2019, 6, 3215-3224.	2.2	12
116	Light-driven artificial muscles based on electrospun microfiber yarns. <i>Science China Technological Sciences</i> , 2019, 62, 965-970.	2.0	12
117	Highly efficient walking perovskite solar cells based on thermomechanical polymer films. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26154-26161.	5.2	12
118	Size-Dependent and Self-Catalytic Gold@Prussian Blue Nanoparticles for the Electrochemical Detection of Hydrogen Peroxide. <i>ChemElectroChem</i> , 2020, 7, 3818-3823.	1.7	12
119	Ultra-stable ionic-liquid-based electrochromism enabled by metal-organic frameworks. <i>Cell Reports Physical Science</i> , 2022, 3, 100866.	2.8	12
120	Ultralong ZnO/Pt hierarchical structures for continuous-flow catalytic reactions. <i>Materials and Design</i> , 2016, 109, 492-502.	3.3	11
121	An ordered electrospun polycaprolactone/collagen/silk fibroin scaffold for hepatocyte culture. <i>Journal of Materials Science</i> , 2018, 53, 1623-1633.	1.7	11
122	High power factor n-type Ag ₂ Se/SWCNTs hybrid film for flexible thermoelectric generator. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 434004.	1.3	11
123	Controlling the transformation of intermediate phase under near-room temperature for improving the performance of perovskite solar cells. <i>Solar Energy</i> , 2019, 186, 225-232.	2.9	10
124	A noise-reduced broad-spectrum photodetector based on reagent-free electrophoretic assembled flexible ZnO/rGO films. <i>Applied Surface Science</i> , 2019, 469, 113-117.	3.1	9
125	Environment-sensitive carbon nanotube/polymer composite microhydrogels synthesized via a microfluidic reactor. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2422-2426.	1.3	8
126	Capillary force driven printing of asymmetric Na-ion micro-supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22083-22089.	5.2	8

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127	An electrically controllable all-solid-state Au@graphene oxide actuator. <i>Chemical Communications</i> , 2016, 52, 5816-5819.	2.2	7
128	Nanoporous hybrid CuO/ZnO/carbon papers used as ultrasensitive non-enzymatic electrochemical sensors. <i>RSC Advances</i> , 2019, 9, 41886-41892.	1.7	7
129	Controllable (Ga _{1-x} Zn _x)(N _{1-x} O _x) nanorods grown on black silicon as anodes for water splitting. <i>Applied Surface Science</i> , 2020, 502, 144174.	3.1	7
130	Facile synthesis of 3D hierarchical micro-/nanostructures in capillaries for efficient capture of circulating tumor cells. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 108-118.	5.0	7
131	Poly- μ -caprolactone nanofibrous mats as electrolyte host for tailorable flexible electrochromic devices. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 241, 36-41.	1.7	6
132	Carbon-based thin-film actuator with 1D to 2D transitional structure applied in smart clothing. <i>Carbon</i> , 2020, 168, 546-552.	5.4	5
133	Multi-functional Electrochromic Devices: Integration Strategies Based on Multiple and Single Devices. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 115.	0.6	5
134	Additional Heating Enhanced Large Scale Metallic Molybdenum Disulfide Nanosheet Exfoliation for Free Standing Films and Flexible High Performance Supercapacitors. <i>ChemNanoMat</i> , 2020, 6, 267-273.	1.5	4
135	Dielectrophoretic Assembly of Carbon Nanotube Chains in Aqueous Solution. <i>Advanced Fiber Materials</i> , 2021, 3, 312-320.	7.9	4
136	Continuous preparation of dual-responsive sensing fibers for smart textiles. <i>Journal of Colloid and Interface Science</i> , 2021, 597, 215-222.	5.0	4
137	Graphene-based implantable neural electrodes for insect flight control. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4632-4639.	2.9	4
138	Research on Flexible GaInP/GaInAs/Ge/Bi ₂ Te ₃ /Sb ₂ Te ₃ PV-TE Integrated Systems. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 781-786.	0.4	3
139	Oriented attachment growth of monocrystalline cuprous oxide nanowires in pure water. <i>Nanoscale Advances</i> , 2019, 1, 2174-2179.	2.2	3
140	Highly fluorinated polyimide gate dielectric for fully transparent aqueous precursor derived In-Zn oxide thin-film transistors. <i>Journal of Materials Science</i> , 2020, 55, 15919-15929.	1.7	3
141	Redox-Active Ni(II) Nodes Induced Electrochromism in a Two-Dimensional Conductive Metal-Organic Framework. <i>ACS Applied Electronic Materials</i> , 2022, 4, 2915-2922.	2.0	3
142	Polyacrylonitrile Fibers Anchored Cobalt/Graphene Sheet Nanocomposite: A Low-Cost, High-Performance and Reusable Catalyst for Hydrogen Generation. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5627-5632.	0.9	2
143	A self-healing, Na ⁺ sensitive and neuron-compatible fiber. <i>Chemical Engineering Journal</i> , 2020, 386, 124018.	6.6	2
144	Thermal-assisted brush printing of water-based In-Ga-Zn oxide transistors. <i>Journal of Alloys and Compounds</i> , 2021, 862, 158001.	2.8	2

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145	Graphene-Paper Based Electrochemical Sensors. , 0, , .		1
146	Regulation of precursor solution concentration for In-Zn oxide thin film transistors. Current Applied Physics, 2018, 18, 1300-1305.	1.1	1