Hongzhi Wang

List of Publications by Year
in descending order

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175 papers	12,783 citations	28274 55 h-index	27406 106 g-index
191 all docs	191 docs citations	191 times ranked	14858 citing authors

#	Article	IF	Citations
1	Highâ€Performance Ionic Thermoelectric Supercapacitor for Integrated Energy Conversionâ€Storage. Energy and Environmental Materials, 2022, 5, 954-961.	12.8	33
2	Emerging Two-dimensional Materials Constructed Nanofluidic Fiber: Properties, Preparation and Applications. Advanced Fiber Materials, 2022, 4, 129-144.	16.1	26
3	A Moisture-Wicking Passive Radiative Cooling Hierarchical Metafabric. ACS Nano, 2022, 16, 2188-2197.	14.6	96
4	Highly integrated fiber-shaped thermoelectric generators with radially heterogeneous interlayers. Nano Energy, 2022, 95, 107055.	16.0	13
5	Synergistic Solvation and Interface Regulations of Ecoâ€Friendly Silk Peptide Additive Enabling Stable Aqueous Zincâ€Ion Batteries. Advanced Functional Materials, 2022, 32, .	14.9	91
6	Electrochemical Actuators with Multicolor Changes and Multidirectional Actuation. Small, 2022, 18, e2107778.	10.0	15
7	A portable ascorbic acid in sweat analysis system based on highly crystalline conductive nickel-based metal-organic framework (Ni-MOF). Journal of Colloid and Interface Science, 2022, 616, 326-337.	9.4	24
8	Ultra-stable ionic-liquid-based electrochromism enabled by metal-organic frameworks. Cell Reports Physical Science, 2022, 3, 100866.	5.6	12
9	Graphene-based implantable neural electrodes for insect flight control. Journal of Materials Chemistry B, 2022, 10, 4632-4639.	5.8	4
10	Redox-Active Ni(II) Nodes Induced Electrochromism in a Two-Dimensional Conductive Metalâ€“Organic Framework. ACS Applied Electronic Materials, 2022, 4, 2915-2922.	4.3	3
11	Hierarchical Compositeâ€Solidâ€Electrolyte with High Electrochemical Stability and Interfacial Regulation for Boosting Ultraâ€Stable Lithium Batteries. Advanced Functional Materials, 2021, 31, .	14.9	57
12	Tuning the reactivity of PbI2 film via monolayer Ti3C2Tx MXene for two-step-processed CH3NH3PbI3 solar cells. Chemical Engineering Journal, 2021, 417, 127912.	12.7	40
13	Layer-by-layer assembled triphenylene-based MOFs films for electrochromic electrode. Inorganic Chemistry Communication, 2021, 123, 108354.	3.9	27
14	A highly integrated sensing paper for wearable electrochemical sweat analysis. Biosensors and Bioelectronics, 2021, 174, 112828.	10.1	113
15	Mechanical design of brush coating technology for the alignment of one-dimension nanomaterials. Journal of Colloid and Interface Science, 2021, 583, 188-195.	9.4	15
16	Scalable fluid-spinning nanowire-based inorganic semiconductor yarns for electrochromic actuators. Materials Horizons, 2021, 8, 1711-1721.	12.2	14
17	Microstructural origin of selective water oxidation to hydrogen peroxide at low overpotentials: a study on Mn-alloyed TiO₂. Journal of Materials Chemistry A, 2021, 9, 18498-18505.	10.3	12
18	Ultra-stretchable, self-adhesive, transparent, and ionic conductive organohydrogel for flexible sensor. APL Materials, 2021, 9, .	5.1	23

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19	Unipolar-stroke Electrochemical Artificial Muscles. Advanced Fiber Materials, 2021, 3, 147-148.	16.1	8
20	Independent dual-responsive Janus chromic fibers. Science China Materials, 2021, 64, 1770-1779.	6.3	13
21	Flexible and high-performance electrochromic devices enabled by self-assembled 2D TiO2/MXene heterostructures. Nature Communications, 2021, 12, 1587.	12.8	143
22	Wickingâ€“Polarizationâ€Induced Water Cluster Size Effect on Triboelectric Evaporation Textiles. Advanced Materials, 2021, 33, e2007352.	21.0	53
23	Abrasion Resistant/Waterproof Stretchable Triboelectric Yarns Based on Fermat Spirals. Advanced Materials, 2021, 33, e2100782.	21.0	68
24	NiCoâ€“NiCoO2/carbon hollow nanocages for non-enzyme glucose detection. Electrochimica Acta, 2021, 381, 138259.	5.2	22
25	Dielectrophoretic Assembly of Carbon Nanotube Chains in Aqueous Solution. Advanced Fiber Materials, 2021, 3, 312-320.	16.1	4
26	Integrated Ionicâ€Additive Assisted Wetâ€Spinning of Highly Conductive and Stretchable PEDOT:PSS Fiber for Fibrous Organic Electrochemical Transistors. Advanced Electronic Materials, 2021, 7, 2100231.	5.1	19
27	High power factor n-type Ag₂Se/SWCNTs hybrid film for flexible thermoelectric generator. Journal Physics D: Applied Physics, 2021, 54, 434004.	2.8	11
28	Selfâ€Powered Interactive Fiber Electronics with Visualâ€“Digital Synergies. Advanced Materials, 2021, 33, e2104681.	21.0	58
29	Defect-engineered bilayer MOFs separator for high stability lithium-sulfur batteries. Journal of Alloys and Compounds, 2021, 874, 159917.	5.5	16
30	Core-shell structured SiO2@ZrO2@SiO2 filler for radiopacity and ultra-low shrinkage dental composite resins. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 121, 104593.	3.1	15
31	Continuous preparation of dual-responsive sensing fibers for smart textiles. Journal of Colloid and Interface Science, 2021, 597, 215-222.	9.4	4
32	High performance stretchable fibrous supercapacitors and flexible strain sensors based on CNTs/MXene-TPU hybrid fibers. Electrochimica Acta, 2021, 395, 139141.	5.2	38
33	Anion effect on properties of Zn-doped CH3NH3PbI3 based perovskite solar cells. Solar Energy Materials and Solar Cells, 2021, 233, 111400.	6.2	9
34	Multifunctional Mechanical Sensing Electronic Device Based on Triboelectric Anisotropic Crumpled Nanofibrous Mats. ACS Applied Materials & Interfaces, 2021, 13, 55481-55488.	8.0	13
35	Microfluidic spinning of editable polychromatic fibers. Journal of Colloid and Interface Science, 2020, 558, 115-122.	9.4	24
36	Highly sensitive microfluidic detection of carcinoembryonic antigen via a synergetic fluorescence enhancement strategy based on the micro/nanostructure optimization of ZnO nanorod arrays and in situ ZIF-8 coating. Chemical Engineering Journal, 2020, 383, 123230.	12.7	28

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37	A self-healing, Na+ sensitive and neuron-compatible fiber. Chemical Engineering Journal, 2020, 386, 124018.	12.7	2
38	Additionalâ€Heatingâ€Enhanced Largeâ€Scale Metallic Molybdenum Disulfide Nanosheet Exfoliation for Freeâ€Standing Films and Flexible Highâ€Performance Supercapacitors. ChemNanoMat, 2020, 6, 267-273.	2.8	4
39	Capillary force driven printing of asymmetric Na-ion micro-supercapacitors. Journal of Materials Chemistry A, 2020, 8, 22083-22089.	10.3	8
40	Thermochromic Hydrogel-Functionalized Textiles for Synchronous Visual Monitoring of On-Demand In Vitro Drug Release. ACS Applied Materials & Interfaces, 2020, 12, 51225-51235.	8.0	39
41	Stretchable electrothermochromic fibers based on hierarchical porous structures with electrically conductive dual-pathways. Science China Materials, 2020, 63, 2582-2589.	6.3	17
42	Largeâ€Grained Perovskite Films Enabled by Oneâ€Step Meniscusâ€Assisted Solution Printing of Crossâ€Aligned Conductive Nanowires for Biodegradable Flexible Solar Cells. Advanced Energy Materials, 2020, 10, 2001185.	19.5	31
43	Composite Solid Electrolytes: Facilitating Interfacial Stability Via Bilayer Heterostructure Solid Electrolyte Toward Highâ€energy, Safe and Adaptable Lithium Batteries (Adv. Energy Mater. 31/2020). Advanced Energy Materials, 2020, 10, 2070131.	19.5	23
44	Metalâ€“Organic Frameworkâ€Derived Nickel/Cobaltâ€Based Nanohybrids for Sensing Nonâ€Enzymatic Glucose. ChemElectroChem, 2020, 7, 4446-4452.	3.4	30
45	Thermally Responsive Photonic Fibers Consisting of Chained Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 50844-50851.	8.0	37
46	Transparent Metalâ€“Organic Framework-Based Gel Electrolytes for Generalized Assembly of Quasi-Solid-State Electrochromic Devices. ACS Applied Materials & Interfaces, 2020, 12, 42955-42961.	8.0	32
47	MXene-Coated Air-Permeable Pressure-Sensing Fabric for Smart Wear. ACS Applied Materials & Interfaces, 2020, 12, 46446-46454.	8.0	111
48	Controlled preparation of Î²-Bi2O3/Mgâ€“Al mixed metal oxides composites with enhanced visible light photocatalytic performance. Research on Chemical Intermediates, 2020, 46, 5009-5021.	2.7	12
49	Stable Hydrogel Electrolytes for Flexible and Submarine-Use Zn-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 46005-46014.	8.0	87
50	Highly fluorinated polyimide gate dielectric for fully transparent aqueous precursor derived Inâ€“Zn oxide thin-film transistors. Journal of Materials Science, 2020, 55, 15919-15929.	3.7	3
51	High Volumetric Energy Density Asymmetric Fibrous Supercapacitors with Coaxial Structure Based on Graphene/MnO₂ Hybrid Fibers. ChemElectroChem, 2020, 7, 4641-4648.	3.4	18
52	Continuously Processed, Long Electrochromic Fibers with Multi-Environmental Stability. ACS Applied Materials & Interfaces, 2020, 12, 28451-28460.	8.0	48
53	Skeleton-Structure WS2@CNT Thin-Film Hybrid Electrodes for High-Performance Quasi-Solid-State Flexible Supercapacitors. Frontiers in Chemistry, 2020, 8, 442.	3.6	27
54	Cobalt nitride nanoparticle coated hollow carbon spheres with nitrogen vacancies as an electrocatalyst for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2020, 8, 14498-14505.	10.3	66

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55	Facilitating Interfacial Stability Via Bilayer Heterostructure Solid Electrolyte Toward Highâ€energy, Safe and Adaptable Lithium Batteries. Advanced Energy Materials, 2020, 10, 2000709.	19.5	79
56	Highly Integrable Thermoelectric Fiber. ACS Applied Materials & Interfaces, 2020, 12, 33297-33304.	8.0	54
57	Flexible 3D Porous MoS₂/CNTs Architectures with ZT of 0.17 at Room Temperature for Wearable Thermoelectric Applications. Advanced Functional Materials, 2020, 30, 2002508.	14.9	31
58	Fluorinated metal-organic framework as bifunctional filler toward highly improving output performance of triboelectric nanogenerators. Nano Energy, 2020, 70, 104517.	16.0	97
59	A kirigami-inspired island-chain design for wearable moistureproof perovskite solar cells with high stretchability and performance stability. Nanoscale, 2020, 12, 3646-3656.	5.6	26
60	Facile synthesis of 3D hierarchical micro-/nanostructures in capillaries for efficient capture of circulating tumor cells. Journal of Colloid and Interface Science, 2020, 575, 108-118.	9.4	7
61	Highly efficient flexible perovskite solar cells made via ultrasonic vibration assisted room temperature cold sintering. Chemical Engineering Journal, 2020, 394, 124887.	12.7	23
62	Cladding nanostructured AgNWs-MoS2 electrode material for high-rate and long-life transparent in-plane micro-supercapacitor. Energy Storage Materials, 2019, 16, 212-219.	18.0	99
63	Advanced Functional Fiber and Smart Textile. Advanced Fiber Materials, 2019, 1, 3-31.	16.1	169
64	Infrared-Radiation-Enhanced Nanofiber Membrane for Sky Radiative Cooling of the Human Body. ACS Applied Materials & Interfaces, 2019, 11, 44673-44681.	8.0	82
65	Regulation of carbon content in MOF-derived hierarchical-porous NiO@C films for high-performance electrochromism. Materials Horizons, 2019, 6, 571-579.	12.2	90
66	1T-Molybdenum disulfide/reduced graphene oxide hybrid fibers as high strength fibrous electrodes for wearable energy storage. Journal of Materials Chemistry A, 2019, 7, 3143-3149.	10.3	45
67	ZnSâ€“CdSâ€“TaON nanocomposites with enhanced stability and photocatalytic hydrogen evolution activity. Journal of Sol-Gel Science and Technology, 2019, 91, 82-91.	2.4	18
68	Tunable stable operating potential window for high-voltage aqueous supercapacitors. Nano Energy, 2019, 63, 103848.	16.0	55
69	A highly ionic conductive poly(methyl methacrylate) composite electrolyte with garnet-typed Li6.75La3Zr1.75Nb0.25O12 nanowires. Chemical Engineering Journal, 2019, 375, 121922.	12.7	57
70	Controlling the transformation of intermediate phase under near-room temperature for improving the performance of perovskite solar cells. Solar Energy, 2019, 186, 225-232.	6.1	10
71	Highâ€Performance Flexible Thermoelectric Devices Based on Allâ€Inorganic Hybrid Films for Harvesting Lowâ€Grade Heat. Advanced Functional Materials, 2019, 29, 1900304.	14.9	97
72	Carbothermal conversion of selfâ€supporting organic/inorganic interpenetrating networks to porous metal boride monoliths. Journal of the American Ceramic Society, 2019, 102, 5746-5762.	3.8	7

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73	MXene-conducting polymer electrochromic microsupercapacitors. Energy Storage Materials, 2019, 20, 455-461.	18.0	136
74	Oriented attachment growth of monocrystalline cuprous oxide nanowires in pure water. Nanoscale Advances, 2019, 1, 2174-2179.	4.6	3
75	Solvatochromic structural color fabrics with favorable wearability properties. Journal of Materials Chemistry C, 2019, 7, 4855-4862.	5.5	13
76	Light-driven artificial muscles based on electrospun microfiber yarns. Science China Technological Sciences, 2019, 62, 965-970.	4.0	12
77	Highly Aligned Molybdenum Trioxide Nanobelts for Flexible Thin-Film Transistors and Supercapacitors: Macroscopic Assembly and Anisotropic Electrical Properties. ACS Applied Nano Materials, 2019, 2, 1466-1471.	5.0	14
78	Continuous and scalable manufacture of amphibious energy yarns and textiles. Nature Communications, 2019, 10, 868.	12.8	121
79	Highly efficient walking perovskite solar cells based on thermomechanical polymer films. Journal of Materials Chemistry A, 2019, 7, 26154-26161.	10.3	12
80	All-fiber tribo-ferroelectric synergistic electronics with high thermal-moisture stability and comfortability. Nature Communications, 2019, 10, 5541.	12.8	121
81	Flexible photodetector based on cotton coated with reduced graphene oxide and sulfur and nitrogen co-doped graphene quantum dots. Journal of Materials Science, 2019, 54, 3242-3251.	3.7	14
82	Bipolar carbide-carbon high voltage aqueous lithium-ion capacitors. Nano Energy, 2019, 56, 151-159.	16.0	67
83	Earth-Abundant Oxygen Electrocatalysts for Alkaline Anion-Exchange-Membrane Water Electrolysis: Effects of Catalyst Conductivity and Comparison with Performance in Three-Electrode Cells. ACS Catalysis, 2019, 9, 7-15.	11.2	189
84	Sheath-run artificial muscles. Science, 2019, 365, 150-155.	12.6	218
85	Dual-Mechanism and Multimotion Soft Actuators Based on Commercial Plastic Film. ACS Applied Materials & Interfaces, 2018, 10, 15122-15128.	8.0	52
86	Bi₂Te₃ Plates with Single Nanopore: The Formation of Surface Defects and Self-Repair Growth. Chemistry of Materials, 2018, 30, 1965-1970.	6.7	16
87	Molecular-channel driven actuator with considerations for multiple configurations and color switching. Nature Communications, 2018, 9, 590.	12.8	159
88	A single-walled carbon nanotubes/poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)/copper hexacyanoferrate hybrid film for high-volumetric performance flexible supercapacitors. Journal of Power Sources, 2018, 386, 96-105.	7.8	34
89	Grain engineering by ultrasonic substrate vibration post-treatment of wet perovskite films for annealing-free, high performance, and stable perovskite solar cells. Nanoscale, 2018, 10, 8526-8535.	5.6	48
90	Ion-Transport Design for High-Performance Na⁺-Based Electrochromics. ACS Nano, 2018, 12, 3759-3768.	14.6	136

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91	High-performance solar cells with induced crystallization of perovskite by an evenly distributed CdSe quantum dots seed-mediated underlayer. Journal of Power Sources, 2018, 376, 46-54.	7.8	38
92	Lattice-contraction triggered synchronous electrochromic actuator. Nature Communications, 2018, 9, 4798.	12.8	80
93	SnO2 nanorod arrays with tailored area density as efficient electron transport layers for perovskite solar cells. Journal of Power Sources, 2018, 402, 460-467.	7.8	42
94	Antisolvent-Derived Intermediate Phases for Low-Temperature Flexible Perovskite Solar Cells. ACS Applied Energy Materials, 2018, 1, 6477-6486.	5.1	23
95	Wearable Thermoelectric Devices Based on Au-Decorated Two-Dimensional MoS₂. ACS Applied Materials & Interfaces, 2018, 10, 33316-33321.	8.0	57
96	Design and Mechanisms of Asymmetric Supercapacitors. Chemical Reviews, 2018, 118, 9233-9280.	47.7	2,379
97	Engineering two-dimensional layered nanomaterials for wearable biomedical sensors and power devices. Materials Chemistry Frontiers, 2018, 2, 1944-1986.	5.9	59
98	Modifying Perovskite Films with Polyvinylpyrrolidone for Ambient-Air-Stable Highly Bendable Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 35385-35394.	8.0	64
99	Enhanced immunofluorescence detection of a protein marker using a PAA modified ZnO nanorod array-based microfluidic device. Nanoscale, 2018, 10, 17663-17670.	5.6	28
100	Mesoporous Pt/TiO2-xNx nanoparticles with less than 10â€‰nm and high specific surface area as visible light hydrogen evolution photocatalysts. Journal of Sol-Gel Science and Technology, 2018, 87, 230-239.	2.4	3
101	MoS2/C/C nanofiber with double-layer carbon coating for high cycling stability and rate capability in lithium-ion batteries. Nano Research, 2018, 11, 5866-5878.	10.4	55
102	Reagent-Free Electrophoretic Synthesis of Few-Atom-Thick Metal Oxide Nanosheets. Chemistry of Materials, 2017, 29, 1439-1446.	6.7	14
103	Liquid-liquid interface assisted synthesis of SnO2 nanorods with tunable length for enhanced performance in dye-sensitized solar cells. Electrochimica Acta, 2017, 227, 49-60.	5.2	28
104	Self-powered multifunctional UV and IR photodetector as an artificial electronic eye. Journal of Materials Chemistry C, 2017, 5, 1436-1442.	5.5	45
105	1-Ethyl-3-methylimidazolium tetrafluoroborate-doped high ionic conductivity gel electrolytes with reduced anodic reaction potentials for electrochromic devices. Materials and Design, 2017, 118, 279-285.	7.0	38
106	S, N Co-Doped Graphene Quantum Dot/TiO2 Composites for Efficient Photocatalytic Hydrogen Generation. Nanoscale Research Letters, 2017, 12, 400.	5.7	87
107	Calligraphy-inspired brush written foldable supercapacitors. Nano Energy, 2017, 38, 428-437.	16.0	26
108	Solutionâ€Processed Porous Tungsten Molybdenum Oxide Electrodes for Energy Storage Smart Windows. Advanced Materials Technologies, 2017, 2, 1700047.	5.8	48

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109	A remote controllable fiber-type near-infrared light-responsive actuator. Chemical Communications, 2017, 53, 11118-11121.	4.1	43
110	Synthesis of Mesoporous (Ga_{1â^'}_xZn_x)(N_{1â^'}_xO_x) Using Layered Double Hydroxides as Precursors for Enhanced Visibleâ€Light Driven H₂ Production. Chinese Journal of Chemistry, 2017, 35, 196-202.	4.9	6
111	Aluminumâ€ionâ€Intercalation Supercapacitors with Ultrahigh Areal Capacitance and Highly Enhanced Cycling Stability: Power Supply for Flexible Electrochromic Devices. Small, 2017, 13, 1700380.	10.0	107
112	Solvent vapor annealing of oriented PbI2 films for improved crystallization of perovskite films in the air. Solar Energy Materials and Solar Cells, 2017, 166, 167-175.	6.2	22
113	A strong and flexible electronic vessel for real-time monitoring of temperature, motions and flow. Nanoscale, 2017, 9, 17821-17828.	5.6	19
114	Ultrathin, Washable, and Largeâ€Area Graphene Papers for Personal Thermal Management. Small, 2017, 13, 1702645.	10.0	177
115	Versatile mechanically strong and highly conductive chemically converted graphene aerogels. Carbon, 2017, 125, 352-359.	10.3	38
116	Flexible quasi-solid-state planar micro-supercapacitor based on cellular graphene films. Materials Horizons, 2017, 4, 1145-1150.	12.2	222
117	Enhanced Piezoelectric Performance of Electrospun Polyvinylidene Fluoride Doped with Inorganic Salts. Macromolecular Materials and Engineering, 2017, 302, 1700214.	3.6	26
118	A flexible metallic actuator using reduced graphene oxide as a multifunctional component. Nanoscale, 2017, 9, 12963-12968.	5.6	18
119	A wearable, fibroid, self-powered active kinematic sensor based on stretchable sheath-core structural triboelectric fibers. Nano Energy, 2017, 39, 673-683.	16.0	71
120	Graphene papers: smart architecture and specific functionalization for biomimetics, electrocatalytic sensing and energy storage. Materials Chemistry Frontiers, 2017, 1, 37-60.	5.9	67
121	Fabrication of magnetic field induced structural colored films with tunable colors and its application on security materials. Journal of Colloid and Interface Science, 2017, 485, 18-24.	9.4	27
122	Reduced graphene oxide functionalized stretchable and multicolor electrothermal chromatic fibers. Journal of Materials Chemistry C, 2017, 5, 11448-11453.	5.5	41
123	Prepolymerization-assisted fabrication of an ultrathin immobilized layer to realize a semi-embedded wrinkled AgNW network for a smart electrothermal chromatic display and actuator. Journal of Materials Chemistry C, 2017, 5, 9778-9785.	5.5	46
124	Biocompatible and colloidally stabilized mPEG-PE/calcium phosphate hybrid nanoparticles loaded with siRNAs targeting tumors. Oncotarget, 2016, 7, 2855-2866.	1.8	19
125	Flexible and thermostable thermoelectric devices based on large-area and porous all-graphene films. Carbon, 2016, 107, 146-153.	10.3	47
126	Lightweight, highly bendable and foldable electrochromic films based on all-solution-processed bilayer nanowire networks. Journal of Materials Chemistry C, 2016, 4, 5849-5857.	5.5	34

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127	Conjugated Polymer Alignment: Synergisms Derived from Microfluidic Shear Design and UV Irradiation. ACS Applied Materials & Interfaces, 2016, 8, 24761-24772.	8.0	26
128	Facile fabrication of magnetically responsive PDMS fiber for camouflage. Journal of Colloid and Interface Science, 2016, 483, 11-16.	9.4	26
129	An Elastic Transparent Conductor Based on Hierarchically Wrinkled Reduced Graphene Oxide for Artificial Muscles and Sensors. Advanced Materials, 2016, 28, 9491-9497.	21.0	147
130	Three-Dimensional Clustered Nanostructures for Microfluidic Surface-Enhanced Raman Detection. ACS Applied Materials & Interfaces, 2016, 8, 24974-24981.	8.0	18
131	Hydrophobic SiO₂ Electret Enhances the Performance of Poly(vinylidene fluoride) Nanofiber-Based Triboelectric Nanogenerator. Journal of Physical Chemistry C, 2016, 120, 26600-26608.	3.1	31
132	3D Freezeâ€Casting of Cellular Graphene Films for Ultrahighâ€Powerâ€Density Supercapacitors. Advanced Materials, 2016, 28, 6719-6726.	21.0	390
133	Hydrophobic coating over a CH₃NH₃PbI₃ absorbing layer towards air stable perovskite solar cells. Journal of Materials Chemistry C, 2016, 4, 6848-6854.	5.5	47
134	Three-dimensional ordered titanium dioxide-zirconium dioxide film-based microfluidic device for efficient on-chip phosphopeptide enrichment. Journal of Colloid and Interface Science, 2016, 478, 227-235.	9.4	12
135	Reagentâ€Free Synthesis and Plasmonic Antioxidation of Unique Nanostructured Metalâ€“Metal Oxide Coreâ€“Shell Microfibers. Advanced Materials, 2016, 28, 4097-4104.	21.0	21
136	An electrically controllable all-solid-state Au@graphene oxide actuator. Chemical Communications, 2016, 52, 5816-5819.	4.1	7
137	A novel efficient ZnO/Zn(OH)F nanofiber arrays-based versatile microfluidic system for the applications of photocatalysis and histidine-rich protein separation. Sensors and Actuators B: Chemical, 2016, 229, 281-287.	7.8	35
138	Visibly vapor-responsive structurally colored carbon fibers prepared by an electrophoretic deposition method. RSC Advances, 2016, 6, 16319-16322.	3.6	12
139	Fluoroalkylsilane-Modified Textile-Based Personal Energy Management Device for Multifunctional Wearable Applications. ACS Applied Materials & Interfaces, 2016, 8, 4676-4683.	8.0	130
140	Constructing three-dimensional quasi-vertical nanosheet architectures from self-assemble two-dimensional WO 3 Â·2H 2 O for efficient electrochromic devices. Applied Surface Science, 2016, 380, 281-287.	6.1	48
141	Spray coated ultrathin films from aqueous tungsten molybdenum oxide nanoparticle ink for high contrast electrochromic applications. Journal of Materials Chemistry C, 2016, 4, 33-38.	5.5	63
142	Aqueous synthesis of high bright and tunable near-infrared AgInSe 2 â€“ZnSe quantum dots for bioimaging. Journal of Colloid and Interface Science, 2016, 463, 1-7.	9.4	49
143	One-pot Hydrothermal Synthesis of N-Doped Carbon Quantum Dots Using the Waste of Shrimp for Hydrogen Evolution from Formic Acid. Chemistry Letters, 2015, 44, 241-243.	1.3	26
144	Enhanced Power Output of a Triboelectric Nanogenerator Composed of Electrospun Nanofiber Mats Doped with Graphene Oxide. Scientific Reports, 2015, 5, 13942.	3.3	123

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145	Facile fabrication of a magnetically induced structurally colored fiber and its strain-responsive properties. Journal of Materials Chemistry A, 2015, 3, 11093-11097.	10.3	54
146	Eu doped Si-oxynitride fluorescent nanofibrous inorganic membranes with high flexibility. RSC Advances, 2015, 5, 101287-101292.	3.6	3
147	Enhanced fluorescence and heat dissipation of calcium titanate red phosphor based on silver coating. Journal of Colloid and Interface Science, 2015, 459, 44-52.	9.4	9
148	Microfluidic Crystal Engineering of Ï€-Conjugated Polymers. ACS Nano, 2015, 9, 8220-8230.	14.6	102
149	Rapid formation of superelastic 3D reduced graphene oxide networks with simultaneous removal of HI utilizing NIR irradiation. Journal of Materials Chemistry A, 2015, 3, 9882-9889.	10.3	14
150	A multi-responsive water-driven actuator with instant and powerful performance for versatile applications. Scientific Reports, 2015, 5, 9503.	3.3	91
151	Graphene-based materials for flexible supercapacitors. Chemical Society Reviews, 2015, 44, 3639-3665.	38.1	1,015
152	Laser irradiated self-supporting and flexible 3-dimentional graphene-based film electrode with promising electrochemical properties. RSC Advances, 2015, 5, 47074-47079.	3.6	13
153	Controllable construction of micro/nanostructured NiO arrays in confined microchannels via microfluidic chemical fabrication for highly efficient and specific absorption of abundant proteins. Journal of Materials Chemistry B, 2015, 3, 4272-4281.	5.8	19
154	Flow Effects on the Controlled Growth of Nanostructured Networks at Microcapillary Walls for Applications in Continuous Flow Reactions. ACS Applied Materials & Interfaces, 2015, 7, 21580-21588.	8.0	12
155	Graphene-carbon nanotube papers for energy conversion and storage under sunlight and heat. Carbon, 2015, 95, 150-156.	10.3	24
156	Origami-inspired active graphene-based paper for programmable instant self-folding walking devices. Science Advances, 2015, 1, e1500533.	10.3	312
157	High-performance all-solid-state yarn supercapacitors based on porous graphene ribbons. Nano Energy, 2015, 12, 26-32.	16.0	101
158	Construction of hydrated tungsten trioxide nanosheet films for efficient electrochromic performance. RSC Advances, 2015, 5, 196-201.	3.6	33
159	Fabrication of large-area and high-crystallinity photoreduced graphene oxide films via reconstructed two-dimensional multilayer structures. NPG Asia Materials, 2014, 6, e119-e119.	7.9	47
160	Self-seeded growth of nest-like hydrated tungsten trioxide film directly on FTO substrate for highly enhanced electrochromic performance. Journal of Materials Chemistry A, 2014, 2, 11305-11310.	10.3	70
161	Controllable growth of high-quality metal oxide/conducting polymer hierarchical nanoarrays with outstanding electrochromic properties and solar-heat shielding ability. Journal of Materials Chemistry A, 2014, 2, 13541-13549.	10.3	56
162	Red, Green, Blue (RGB) Electrochromic Fibers for the New Smart Color Change Fabrics. ACS Applied Materials & Interfaces, 2014, 6, 13043-13050.	8.0	97

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163	In Situ Functionalization of Stable 3D Nestâ€Like Networks in Confined Channels for Microfluidic Enrichment and Detection. Advanced Functional Materials, 2014, 24, 1017-1026.	14.9	37
164	Highly Conductive, Flexible, and Compressible Allâ€Graphene Passive Electronic Skin for Sensing Human Touch. Advanced Materials, 2014, 26, 5018-5024.	21.0	273
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