Zhong-Zhen Yu

List of Articles by Year
in descending order

367 PR articles	38,559 PR citations	1470 101 PR h-index	2744 189 g-index
387 documents	41407 doc citations	1754 106 h-index	34658 citing authors

#	Article	IF	Citations
1	Dynamic Adaptive Wrinkleâ€Structured Silk Fibroin/MXene Composite Fibers for Switchable Electromagnetic Interference Shielding. Advanced Functional Materials, 2025, 35, .	17.0	54
2	Cobalt germanium hydroxides with asymmetric electron distribution and surface hydroxyl groups for superb catalytic degradation performances. Journal of Colloid and Interface Science, 2025, 677, 282-293.	9.9	11
3	Dynamic Regulation of Hydrogen Bonding Networks and Solvation Structures for Synergistic Solar-Thermal Desalination of Seawater and Catalytic Degradation of Organic Pollutants. Nano-Micro Letters, 2025, 17, .	30.2	32
4	Densifying Conduction Networks of Vertically Aligned Carbon Fiber Arrays with Secondary Graphene Networks for Highly Thermally Conductive Polymer Composites. Advanced Functional Materials, 2025, 35, .	17.0	29
5	Ultralight and superelastic MXene/reduced graphene oxide aerogels for electromagnetic interference shielding. Nano Research, 2025, 18, 94907009.	8.6	2
6	Highâ€Performance Bimodal Temperature/Pressure Tactile Sensor Based on Lamellar CNT/MXene/Cellulose Nanofibers Aerogel with Enhanced Multifunctionality. Advanced Functional Materials, 2025, 35, .	17.0	42
7	Preparation of Calcium Alginate-Based Hydrogels with Precisely Designed Centrosymmetric Geometries for Efficient Water Evaporation in Response to Different Solar Incidence Angles. ACS Applied Materials & Interfaces, 2025, 17, 6805-6814.	8.0	5
8	Deformation-resistant sponge-like hydrogel evaporators for efficient solar steam generation and high salinity desalination. Desalination, 2025, 602, 118599.	9.4	13
9	Dual-Network MXene/Polyurethane Composite Foams for Both Stretchable and Compressible Electromagnetic Interference Shielding and Strain Sensors. ACS Applied Materials & Interfaces, 2025, 17, 11108-11116.	8.0	9
10	Morning Glory-Inspired Biomimetic Water Purification Device with a Dry Chimney for Efficient Solar-Thermal Desalination and Simultaneous Catalytic Degradation of Organic Pollutants. ACS Applied Materials & Interfaces, 2025, 17, 12520-12531.	8.0	6
11	Multifunctional solar-driven interfacial evaporation system for simultaneous clean water production and high-value-added ion extraction. Materials Horizons, 2025, 12, 2878-2898.	10.2	14
12	Interfacial Confinement Derived Highâ€Strength MXene@Graphene Oxide Coreâ€Shell Fibers for Electromagnetic Wave Regulation, Thermochromic Alerts, and Visible Camouflage. Small, 2025, 21, .	11.5	14
13	Asymmetric Nanofiber Membranes for Simultaneous Moisture Adsorption and Rapid Catalytic Hydrolysis of Nerve Agent Simulants in Atmospheric Environments. Advanced Functional Materials, 2025, 35, .	17.0	2
14	Highly tough and conductive silk fibroin/MXene composite fibers for electromagnetic interference shielding and motion sensing. Chemical Engineering Journal, 2025, 513, 162701.	12.0	3
15	P(AM-co-AA)/PSt nano-microspheres with releasing polymer chains function for oilfield exploitation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2025, 719, 137010.	5.2	3
16	Multispectralâ€Responsive MXene Nanolayer Energyâ€Saving Windows for Highâ€Absorption Electromagnetic Interference Shielding. Nano Energy, 2025, 141, 111079.	16.2	6
17	MXene/Carboxylated Cellulose Nanofiber Inks for Direct Ink Writing Electromagnetic Interference Shielding, Humidity Sensing, and Joule Heating. ACS Applied Materials & Interfaces, 2025, 17, 31487-31498.	8.0	8
18	Iceâ€Confined Cryoâ€Polymerization of Spongeâ€Like Hydrogels with Selfâ€Adapting Channel for Solar Water Purification. Advanced Materials, 2025, 37, .	24.5	6

#	Article	IF	Citations
19	Multifunctional Asymmetric Bilayer Aerogels for Highly Efficient Electromagnetic Interference Shielding with Ultrahigh Electromagnetic Wave Absorption. Nano-Micro Letters, 2025, 17, .	30.2	12
20	Pickering Emulsion-Driven MXene/Silk Fibroin Hydrogels with Programmable Functional Networks for EMI Shielding and Solar Evaporation. Nano-Micro Letters, 2025, 17, .	30.2	8
21	Triggered Photoexcited Electrons Transfer and Spin Polarization through 3dx²â€“y²â€“2p_z Orbital Hybridization for Synergistic Solar-Thermal/Photocatalytic Water Purification. ACS Nano, 2025, 19, 25780-25792.	15.3	3
22	One-Step In Situ Synthesis of a Reduced Graphene Oxide-Based Hybrid Hydrogel for Highly Efficient Water Evaporation and Comprehensive Wastewater Treatment. ACS Applied Materials & Interfaces, 2025, 17, 46046-46058.	8.0	4
23	Liquid Metal-Enhanced Phase-Change Composites for Efficient Solarâ€“Thermalâ€“Electric Energy Conversion. ACS Applied Materials & Interfaces, 2025, 17, 48763-48772.	8.0	2
24	Multifunctional Thermoelectric Temperature Sensor for Noncontact Information Transfer and Tactile Sensing in Humanâ€Machine Interaction. Advanced Functional Materials, 2024, 34, .	17.0	56
25	Peak-like three-dimensional CoFe2O4/carbon nanotube decorated bamboo fabrics for simultaneous solar-thermal evaporation of water and photocatalytic degradation of bisphenol A. Journal of Materials Science and Technology, 2024, 179, 40-49.	13.6	53
26	Solar-thermal anisotropic zeolitic imidazolate framework/reduced graphene oxide hybrid aerogels for efficient clean-up of heavy crude oil. Carbon, 2024, 219, 118773.	10.7	8
27	Biphasic GaIn Alloy Constructed Stable Percolation Network in Polymer Composites over Ultrabroad Temperature Region. Advanced Materials, 2024, 36, .	24.5	42
28	Well-designed lamellar reduced graphene oxide-based foam for high-performance solar-driven water purification. Journal of Colloid and Interface Science, 2024, 660, 716-725.	9.9	6
29	Highly Aligned Graphene Aerogels for Multifunctional Composites. Nano-Micro Letters, 2024, 16, .	30.2	71
30	An energy-saving structural optimization strategy for high-performance multifunctional graphene films. Carbon, 2024, 222, 118932.	10.7	14
31	A Supercapacitor Architecture for Extreme Lowâ€Temperature Operation Featuring MXene/Carbon Nanotube Electrodes with Vertically Aligned Channels and a Novel Freezeâ€Resistant Electrolyte. Advanced Functional Materials, 2024, 34, .	17.0	29
32	High-Precision Printing of Flexible MXene Patterns for Dynamically Tunable Electromagnetic Interference Shielding Performance. ACS Applied Materials & Interfaces, 2024, 16, 13082-13090.	8.0	10
33	Anisotropic MXene/Poly(vinyl alcohol) Composite Hydrogels with Vertically Oriented Channels and Modulated Surface Topography for Efficient Solar-Driven Water Evaporation and Purification. ACS Applied Materials & Interfaces, 2024, 16, 13060-13070.	8.0	47
34	Human Nervous System Inspired Modified Graphene Nanoplatelets/Cellulose Nanofibersâ€Based Wearable Sensors with Superior Thermal Management and Electromagnetic Interference Shielding. Advanced Functional Materials, 2024, 34, .	17.0	83
35	Multistimuli-Responsive Shape-Memory Composites with a Water-Assisted Self-Healing Function Based on Sodium Carboxymethyl Cellulose/Poly(vinyl alcohol)/MXene. ACS Applied Materials & Interfaces, 2024, 16, 17981-17991.	8.0	24
36	Synergistic coupling of optical field and built-in electric field for lithium-sulfur batteries with high cyclabilities and energy densities. Next Energy, 2024, 4, 100134.	3.9	4

#	Article	IF	Citations
37	Allâ€inâ€One Selfâ€Floating Woodâ€Based Solarâ€Thermal Evaporators for Simultaneous Solar Steam Generation and Catalytic Degradation. Advanced Functional Materials, 2024, 34, .	17.0	31
38	Integrating and anisotropic MXene/reduced graphene oxide/PEDOT:PSS hybrid aerogel for active/passive thermal protection and stepwise thermal warning. Chemical Engineering Journal, 2024, 496, 153536.	12.0	12
39	Scalable Compliant Graphene Fiber-Based Thermal Interface Material with Metal-Level Thermal Conductivity via Dual-Field Synergistic Alignment Engineering. ACS Nano, 2024, 18, 18560-18571.	15.3	59
40	Spectralâ€Selective and Adjustable Patterned Polydimethylsiloxane/MXene/Nanoporous Polytetrafluoroethylene Metafabric for Dynamic Infrared Camouflage and Thermal Regulation. Advanced Functional Materials, 2024, 34, .	17.0	30
41	An Intelligent, Solarâ€Responsive, and Thermally Conductive Phaseâ€Change System Toward Solarâ€Thermalâ€Electrical Conversion Featuring Daytime Blooming for Solar Energy Harvesting and Nighttime Closing for Thermal Preservation. Advanced Functional Materials, 2024, 34, .	17.0	26
42	Emulsionâ€Based Multiscale Structural Design Realizes Lightweight and Superelastic Graphene Aerogels for Electromagnetic Interference Shielding. Small, 2024, 20, .	11.5	12
43	Insulating electromagnetic-shielding silicone compound enables direct potting electronics. Science, 2024, 385, 1205-1210.	36.2	185
44	Interfacial enhancement enables highly conductive reduced graphene oxide-based yarns for efficient electromagnetic interference shielding and thermal regulation. Carbon, 2024, 230, 119655.	10.7	20
45	Surface patterned polyvinyl alcohol/CNT hydrogels for sustained solar powered high concentration brine desalination and salt harvesting. Chemical Engineering Journal, 2024, 499, 156052.	12.0	3
46	All-Polymer Composite Film with Outstanding Mechanical, Thermal Conductive, and EMI Shielding Performances. ACS Applied Materials & Interfaces, 2024, 16, 65358-65365.	8.0	10
47	Robust and Antifouling Composite Hydrogels Enhanced by Directional Freeze-Casting and Salting-Out for Highly Efficient Solar Evaporation. ACS Applied Materials & Interfaces, 2024, 16, 66560-66570.	8.0	20
48	Hierarchical aerogels with hollow Co3O4 nanoparticles and graphitized carbon vesicles embedded in multi-channel carbon nanofibers for high-performance asymmetric supercapacitors. Chemical Engineering Journal, 2023, 451, 138434.	12.0	19
49	Highly conductive calcium ion-reinforced MXene/sodium alginate aerogel meshes by direct ink writing for electromagnetic interference shielding and Joule heating. Journal of Materials Science and Technology, 2023, 135, 213-220.	13.6	116
50	Highly thermally conductive phase change composites with anisotropic graphene/cellulose nanofiber hybrid aerogels for efficient temperature regulation and solar-thermal-electric energy conversion applications. Composites Part B: Engineering, 2023, 248, 110367.	12.8	106
51	Electrically conductive and highly compressible anisotropic MXene-wood sponges for multifunctional and integrated wearable devices. Journal of Materials Science and Technology, 2023, 144, 102-110.	13.6	46
52	Silk fibroin reinforced graphene fibers with outstanding electrical conductivity and mechanical strength. Carbon, 2023, 203, 886-894.	10.7	29
53	Optimized electron/ion transport by constructing radially oriented channels in MXene hybrid fiber electrodes for high-performance supercapacitors at low temperatures. Journal of Materials Chemistry A, 2023, 11, 1742-1755.	9.3	48
54	3D Printing of Ultralow-Concentration 2D Nanomaterial Inks for Multifunctional Architectures. Nano Letters, 2023, 23, 155-162.	8.7	70

#	Article	IF	Citations
55	Engineering Lithiophilic Silver Sponge Integrated with Ion-Conductive PVDF/LiF Protective Layer for Dendrite-Free and High-Performance Lithium Metal Batteries. ACS Applied Energy Materials, 2023, 6, 519-529.	5.4	14
56	Constructing central hollow cylindrical reduced graphene oxide foams with vertically and radially orientated porous channels for highly efficient solar-driven water evaporation and purification. Nano Research, 2023, 16, 6343-6352.	8.6	27
57	Two-Dimensional Janus MXene Inks for Versatile Functional Coatings on Arbitrary Substrates. ACS Applied Materials & Interfaces, 2023, 15, 4591-4600.	8.0	36
58	Inâ€Situ Constructing A Heterogeneous Layer on Lithium Metal Anodes for Dendriteâ€Free Lithium Deposition and High Liâ€Ion Flux. Angewandte Chemie, 2023, 135, .	1.4	7
59	Inâ€Situ Constructing A Heterogeneous Layer on Lithium Metal Anodes for Dendriteâ€Free Lithium Deposition and High Liâ€Ion Flux. Angewandte Chemie - International Edition, 2023, 62, .	14.4	50
60	Natureâ€Inspired Solarâ€Thermal Gradient Reduced Graphene Oxide Aerogelâ€based Bilayer Phase Change Composites for Selfâ€Adaptive Personal Thermal Management. Advanced Functional Materials, 2023, 33, .	17.0	101
61	Omnidirectionally irradiated three-dimensional molybdenum disulfide decorated hydrothermal pinecone evaporator for solar-thermal evaporation and photocatalytic degradation of wastewaters. Journal of Colloid and Interface Science, 2023, 637, 477-488.	9.9	63
62	Self-adhesive, self-healing, biocompatible and conductive polyacrylamide nanocomposite hydrogels for reliable strain and pressure sensors. Nano Energy, 2023, 109, 108324.	16.2	261
63	Salt-resistant wood-based solar steam generator with top-down water supply for high-yield and long-term desalination of seawater and brine water. Chemical Engineering Journal, 2023, 460, 141622.	12.0	79
64	Spontaneously super-hygroscopic MOF-gel microreactors for efficient detoxification of nerve agent simulant in atmospheric environments. Applied Catalysis B: Environmental, 2023, 328, 122516.	20.5	22
65	Adaptive and Adjustable MXene/Reduced Graphene Oxide Hybrid Aerogel Composites Integrated with Phase-Change Material and Thermochromic Coating for Synchronous Visible/Infrared Camouflages. ACS Nano, 2023, 17, 6875-6885.	15.3	151
66	Design and advanced manufacturing of electromagnetic interference shielding materials. Materials Today, 2023, 66, 245-272.	14.0	268
67	Bioinspired Intelligent Solarâ€Responsive Thermally Conductive Pyramidal Phase Change Composites with Radially Oriented Layered Structures toward Efficient Solarâ€“Thermalâ€“Electric Energy Conversion. Advanced Functional Materials, 2023, 33, .	17.0	61
68	Three-Dimensional Mirror-Assisted and Concave Pyramid-Shaped Solarâ€“Thermal Steam Generator for Highly Efficient and Stable Water Evaporation and Brine Desalination. ACS Applied Materials & Interfaces, 2023, 15, 27120-27129.	8.0	27
69	Hydrothermally Modified 3D Porous Loofah Sponges with MoS2 Sheets and Carbon Particles for Efficient Solar Steam Generation and Seawater Desalination. ACS Applied Materials & Interfaces, 2023, 15, 29457-29467.	8.0	58
70	Highly conductive, hydrophobic, and acid/alkali-resistant MXene@PVDF hollow core-shell fibers for efficient electromagnetic interference shielding and Joule heating. Materials Today Physics, 2023, 35, 101100.	6.1	32
71	Multifunctional and magnetic MXene composite aerogels for electromagnetic interference shielding with low reflectivity. Carbon, 2023, 213, 118260.	10.7	58
72	Scalable Production of Catecholamineâ€Densified MXene Coatings for Electromagnetic Shielding and Infrared Stealth. Small, 2023, 19, .	11.5	81

#	Article	IF	Citations
73	Dual-functional reduced graphene oxide decorated nanoporous polytetrafluoroethylene metafabrics for radiative cooling and solar-heating. Journal of Materials Chemistry A, 2023, 11, 16595-16604.	9.3	49
74	High-Quality Anisotropic Graphene Aerogels and Their Thermally Conductive Phase Change Composites for Efficient Solarâ€“Thermalâ€“Electrical Energy Conversion. ACS Sustainable Chemistry and Engineering, 2023, 11, 11991-12003.	6.9	47
75	Simultaneous Solar-Thermal Desalination and Catalytic Degradation of Wastewater Containing Both Salt Ions and Organic Contaminants. ACS Applied Materials & Interfaces, 2023, 15, 41007-41018.	8.0	29
76	Direct ink writing of multifunctional gratings with gel-like MXene/norepinephrine ink for dynamic electromagnetic interference shielding and patterned Joule heating. Nano Research, 2023, 17, 1585-1594.	8.6	25
77	Ti3C2Tx MXene-Based Multifunctional Tactile Sensors for Precisely Detecting and Distinguishing Temperature and Pressure Stimuli. ACS Nano, 2023, 17, 16036-16047.	15.3	149
78	Allâ€Weather Selfâ€Powered Intelligent Traffic Monitoring System Based on a Conjunction of Selfâ€Healable Piezoresistive Sensors and Triboelectric Nanogenerators. Advanced Functional Materials, 2023, 33, .	17.0	70
79	Three-Dimensional Spiral Evaporator with Side Channels for Efficient Solar-Driven Water Purification. ACS Applied Materials & Interfaces, 2023, 15, 48196-48206.	8.0	17
80	Solar-thermally enhanced catalytic hydrolysis of chemical warfare agent simulant with UiO-66-NCS decorated reduced graphene oxide aerogels. Chemical Engineering Journal, 2023, 476, 146606.	12.0	19
81	Three-dimensional disposable wooden chopsticks-derived solar-thermal evaporators for environmental energy-enhanced water evaporation and purification. Composites Communications, 2023, 44, 101746.	6.8	19
82	Shape-Memory Three-Dimensional Evaporators with High Portability for Efficient Solar-Driven Freshwater Production. ACS Applied Materials & Interfaces, 2023, 15, 51289-51299.	8.0	11
83	N-Doped Porous Graphitic Carbon Hybridized with CrN Nanocrystals: Electrocatalysis-Induced Li2S Three-Dimensional Growth and Enhanced Cathode Kinetics. ACS Applied Energy Materials, 2023, 6, 11157-11167.	5.4	9
84	An environmental energy-enhanced solar steam evaporator derived from MXene-decorated cellulose acetate cigarette filter with ultrahigh solar steam generation efficiency. Journal of Colloid and Interface Science, 2022, 606, 748-757.	9.9	142
85	Tough and electrically conductive Ti3C2T MXeneâ€“based coreâ€“shell fibers for highâ€performance electromagnetic interference shielding and heating application. Chemical Engineering Journal, 2022, 430, 133074.	12.0	85
86	All-weather-available electrothermal and solarâ€“thermal wood-derived porous carbon-based steam generators for highly efficient water purification. Materials Chemistry Frontiers, 2022, 6, 306-315.	6.1	32
87	Hierarchically porous graphene/wood-derived carbon activated using ZnCl2and decorated within situgrown NiCo2O4for highâ€performance asymmetric supercapacitors. New Journal of Chemistry, 2022, 46, 533-541.	2.4	16
88	A polymer organosulfur redox mediator for high-performance lithium-sulfur batteries. Energy Storage Materials, 2022, 46, 313-321.	18.1	50
89	Reshapable MXene/Graphene Oxide/Polyaniline Plastic Hybrids with Patternable Surfaces for Highly Efficient Solarâ€Driven Water Purification. Advanced Functional Materials, 2022, 32, .	17.0	139
90	Constructing Atomic Fe and N Coâ€doped Hollow Carbon Nanospheres with a Polymer Encapsulation Strategy for Highâ€Performance Lithiumâ€Sulfur Batteries with Accelerated Polysulfide Conversion. Chemistry - A European Journal, 2022, 28, .	3.4	6

#	Article	IF	Citations
91	Strong and conductive reduced graphene oxide-MXene porous films for efficient electromagnetic interference shielding. Nano Research, 2022, 15, 4916-4924.	8.6	97
92	Functional Polyaniline/MXene/Cotton Fabrics with Acid/Alkali-Responsive and Tunable Electromagnetic Interference Shielding Performances. ACS Applied Materials & Interfaces, 2022, 14, 12703-12712.	8.0	106
93	3D printing of resilient, lightweight and conductive MXene/reduced graphene oxide architectures for broadband electromagnetic interference shielding. Journal of Materials Chemistry A, 2022, 10, 11375-11385.	9.3	104
94	Tough, Strong, and Conductive Graphene Fibers by Optimizing Surface Chemistry of Graphene Oxide Precursor. Advanced Functional Materials, 2022, 32, .	17.0	63
95	Super-Tough and Environmentally Stable Aramid. Nanofiber@MXene Coaxial Fibers with Outstanding Electromagnetic Interference Shielding Efficiency. Nano-Micro Letters, 2022, 14, .	30.2	180
96	Superelastic and responsive anisotropic silica nanofiber/polyvinylpyrrolidone/MXene hybrid aerogels for efficient thermal insulation and overheating alarm applications. Composites Science and Technology, 2022, 225, 109484.	8.7	35
97	Realizing Spontaneously Regular Stacking of Pristine Graphene Oxide by a Chemical-Structure-Engineering Strategy for Mechanically Strong Macroscopic Films. ACS Nano, 2022, 16, 8869-8880.	15.3	63
98	A Photo-Assisted Reversible Lithium-Sulfur Battery. Energy Storage Materials, 2022, 50, 334-343.	18.1	95
99	Self-supported and hierarchically porous activated carbon nanotube/carbonized wood electrodes for high-performance solid-state supercapacitors. Applied Surface Science, 2022, 598, 153765.	6.7	41
100	Efficient Preconstruction of Three-Dimensional Graphene Networks for Thermally Conductive Polymer Composites. Nano-Micro Letters, 2022, 14, .	30.2	163
101	Transparent, conductive and flexible MXene grid/silver nanowire hierarchical films for high-performance electromagnetic interference shielding. Journal of Materials Chemistry A, 2022, 10, 14364-14373.	9.3	65
102	Photothermal healable, stretchable, and conductive MXene composite films for efficient electromagnetic interference shielding. Carbon, 2022, 198, 179-187.	10.7	79
103	Super-Hygroscopic Calcium Chloride/Graphene Oxide/Poly(N-isopropylacrylamide) Gels for Spontaneous Harvesting of Atmospheric Water and Solar-Driven Water Release. ACS Applied Materials & Interfaces, 2022, 14, 33881-33891.	8.0	74
104	Self-Powered Resilient Porous Sensors with Thermoelectric Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) and Carbon Nanotubes for Sensitive Temperature and Pressure Dual-Mode Sensing. ACS Applied Materials & Interfaces, 2022, 14, 43783-43791.	8.0	58
105	Constructing anisotropic conical graphene aerogels with concentric annular structures for highly thermally conductive phase change composites towards efficient solarâ€“thermalâ€“electric energy conversion. Journal of Materials Chemistry A, 2022, 10, 22488-22499.	9.3	56
106	Integrated temperature and pressure dual-mode sensors based on elastic PDMS foams decorated with thermoelectric PEDOT:PSS and carbon nanotubes for human energy harvesting and electronic-skin. Journal of Materials Chemistry A, 2022, 10, 18256-18266.	9.3	101
107	Controllable Surface-Grafted MXene Inks for Electromagnetic Wave Modulation and Infrared Anti-Counterfeiting Applications. ACS Nano, 2022, 16, 16976-16986.	15.3	191
108	Multifunctional Waterborne Polyurethane Nanocomposite Films with Remarkable Electromagnetic Interference Shielding, Electrothermal and Solarthermal Performances. Chinese Journal of Polymer Science (English Edition), 2022, 41, 267-277.	3.4	14

#	Article	IF	Citations
109	Antifreezing and stretchable all-gel-state supercapacitor with enhanced capacitances established by graphene/PEDOT-polyvinyl alcohol hydrogel fibers with dual networks. Carbon, 2021, 171, 201-210.	10.7	165
110	Constructing tunable core-shell Co5Ge3@Co nanoparticles on reduced graphene oxide by an interfacial bonding promoted Kirkendall effect for high lithium storage performances. Chemical Engineering Journal, 2021, 408, 127266.	12.0	28
111	Highly thermally conductive phase change composites with excellent solar-thermal conversion efficiency and satisfactory shape stability on the basis of high-quality graphene-based aerogels. Composites Science and Technology, 2021, 201, 108492.	8.7	99
112	Coldâ€Resistant Nitrogen/Sulfur Dualâ€Doped Graphene Fiber Supercapacitors with Solarâ€“Thermal Energy Conversion Effect. Chemistry - A European Journal, 2021, 27, 3473-3482.	3.4	17
113	Smart MXene-Based Janus films with multi-responsive actuation capability and high electromagnetic interference shielding performances. Carbon, 2021, 175, 594-602.	10.7	139
114	Ultraflexible Reedlike Carbon Nanofiber Membranes Decorated with Niâ€“Coâ€“S Nanosheets and Fe2O3â€“C Coreâ€“Shell Nanoneedle Arrays as Electrodes of Flexible Quasi-Solid-State Asymmetric Supercapacitors. ACS Applied Energy Materials, 2021, 4, 1505-1516.	5.4	24
115	Electrically Conductive Ti3C2Tx MXene/Polypropylene Nanocomposites with an Ultralow Percolation Threshold for Efficient Electromagnetic Interference Shielding. Industrial & Engineering Chemistry Research, 2021, 60, 4342-4350.	3.9	67
116	Kirigami-Inspired Highly Stretchable, Conductive, and Hierarchical Ti3C2Tx MXene Films for Efficient Electromagnetic Interference Shielding and Pressure Sensing. ACS Nano, 2021, 15, 7668-7681.	15.3	274
117	Superelastic, Ultralight, and Conductive Ti3C2Tx MXene/Acidified Carbon Nanotube Anisotropic Aerogels for Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2021, 13, 20539-20547.	8.0	183
118	Coating of Wood with Fe2O3-Decorated Carbon Nanotubes by One-Step Combustion for Efficient Solar Steam Generation. ACS Applied Materials & Interfaces, 2021, 13, 22845-22854.	8.0	127
119	Superelastic and ultralight electrospun carbon nanofiber/MXene hybrid aerogels with anisotropic microchannels for pressure sensing and energy storage. Journal of Colloid and Interface Science, 2021, 589, 264-274.	9.9	93
120	Direct Ink Writing of Highly Conductive MXene Frames for Tunable Electromagnetic Interference Shielding and Electromagnetic Wave-Induced Thermochromism. Nano-Micro Letters, 2021, 13, .	30.2	151
121	Highly anisotropic graphene aerogels fabricated by calcium ion-assisted unidirectional freezing for highly sensitive sensors and efficient cleanup of crude oil spills. Carbon, 2021, 178, 301-309.	10.7	52
122	Rational Design of Soft Yet Elastic Lamellar Graphene Aerogels via Bidirectional Freezing for Ultrasensitive Pressure and Bending Sensors. Advanced Functional Materials, 2021, 31, .	17.0	142
123	Nanoscale Polyacrylamide Copolymer/Silica Hydrogel Microspheres with High Compressive Strength and Satisfactory Dispersion Stability for Efficient Profile Control and Plugging. Industrial & Engineering Chemistry Research, 2021, 60, 10193-10202.	3.9	40
124	Mesoporous Yolkâ€Shell Structured Organosulfur Nanotubes with Abundant Internal Joints for Highâ€Performance Lithiumâ€“Sulfur Batteries by Kinetics Acceleration. Small, 2021, 17, .	11.5	29
125	Multifunctional Ti3C2Tx MXene/Low-Density Polyethylene Soft Robots with Programmable Configuration for Amphibious Motions. ACS Applied Materials & Interfaces, 2021, 13, 45833-45842.	8.0	63
126	Diffusion-driven fabrication of yolk-shell structured K-birnessite@mesoporous carbon nanospheres with rich oxygen vacancies for high-energy and high-power zinc-ion batteries. Energy Storage Materials, 2021, 42, 753-763.	18.1	76

#	Article	IF	Citations
127	Ultrahigh solar steam generation rate of a vertically aligned reduced graphene oxide foam realized by dynamic compression. Journal of Materials Chemistry A, 2021, 9, 14859-14867.	9.3	135
128	2D Ferrous Ionâ€Crosslinked Ti3C2Tx MXene Aerogel Evaporators for Efficient Solar Steam Generation. Advanced Sustainable Systems, 2021, 5, .	5.8	45
129	Woodâ€Derived Monolithic Ultrathick Porous Carbon Electrodes Filled with Reduced Graphene Oxide for Highâ€Performance Supercapacitors with Ultrahigh Areal Capacitances. ChemElectroChem, 2021, 8, 4328-4336.	2.9	15
130	Preforming abundant surface cobalt hydroxyl groups on low crystalline flowerlike Co3(Si2O5)2(OH)2 for enhancing catalytic degradation performances with a critical nonradical reaction. Applied Catalysis B: Environmental, 2020, 261, 118238.	20.5	119
131	Continuous photocatalytic removal of chromium (VI) with structurally stable and porous Ag/Ag3PO4/reduced graphene oxide microspheres. Chemical Engineering Journal, 2020, 379, 122200.	12.0	47
132	Compressible, durable and conductive polydimethylsiloxane-coated MXene foams for high-performance electromagnetic interference shielding. Chemical Engineering Journal, 2020, 381, 122622.	12.0	395
133	Synthesis of novel bimetallic nickel cobalt telluride nanotubes on nickel foam for high-performance hybrid supercapacitors. Inorganic Chemistry Frontiers, 2020, 7, 477-486.	6.3	67
134	Electrically conductive aluminum ion-reinforced MXene films for efficient electromagnetic interference shielding. Journal of Materials Chemistry C, 2020, 8, 1673-1678.	5.1	106
135	Multi-responsive nanocomposite membranes of cellulose nanocrystals and poly(N-isopropyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	12.2	54
136	BiOBr/Ag6Si2O7 heterojunctions for enhancing visible light catalytic degradation performances with a sequential selectivity enabled by dual synergistic effects. Journal of Colloid and Interface Science, 2020, 561, 396-407.	9.9	36
137	Constructing mesoporous hollow polysulfane spheres bonded with short-chain sulfurs (Sx, xâ‰3) as high-performance sulfur cathodes in both ether and ester electrolytes. Energy Storage Materials, 2020, 27, 426-434.	18.1	46
138	Ultrastrong and Highly Conductive MXeneâ€Based Films for Highâ€Performance Electromagnetic Interference Shielding. Advanced Electronic Materials, 2020, 6, .	4.9	164
139	Elastic and hierarchical carbon nanofiber aerogels and their hybridsÂwith carbon nanotubes and cobalt oxide nanoparticles forÂhigh-performance asymmetric supercapacitors. Carbon, 2020, 158, 873-884.	10.7	51
140	Highly sensitive, robust and anisotropic MXene aerogels for efficient broadband microwave absorption. Composites Part B: Engineering, 2020, 200, 108263.	12.8	201
141	Flexible Poly(vinyl alcohol)â€“Polyaniline Hydrogel Film with Vertically Aligned Channels for an Integrated and Self-Healable Supercapacitor. ACS Applied Energy Materials, 2020, 3, 9408-9416.	5.4	75
142	Vertically aligned reduced graphene oxide/Ti3C2Tx MXene hybrid hydrogel for highly efficient solar steam generation. Nano Research, 2020, 13, 3048-3056.	8.6	261
143	Freestanding Na3V2O2(PO4)2F/Graphene Aerogels as High-Performance Cathodes of Sodium-Ion Full Batteries. ACS Applied Materials & Interfaces, 2020, 12, 41419-41428.	8.0	52
144	Flexible, Transparent, and Conductive Ti3C2Tx MXeneâ€“Silver Nanowire Films with Smart Acoustic Sensitivity for High-Performance Electromagnetic Interference Shielding. ACS Nano, 2020, 14, 16643-16653.	15.3	402

#	Article	IF	Citations
145	Achieving High Lithium Storage Capacity and Long-Term Cyclability of Novel Cobalt Germanate Hydroxide/Reduced Graphene Oxide Anodes with Regulated Electrochemical Catalytic Conversion Process of Hydroxyl Groups. ACS Applied Materials & Interfaces, 2020, 12, 14037-14048.	8.0	16
146	Photothermal hierarchical carbon nanotube/reduced graphene oxide microspherical aerogels with radially orientated microchannels for efficient cleanup of crude oil spills. Journal of Colloid and Interface Science, 2020, 570, 61-71.	9.9	123
147	Layered Birnessite Cathode with a Displacement/Intercalation Mechanism for High-Performance Aqueous Zinc-Ion Batteries. Nano-Micro Letters, 2020, 12, .	30.2	162
148	Photothermal graphene/UiO-66-NH2 fabrics for ultrafast catalytic degradation of chemical warfare agent simulants. Journal of Hazardous Materials, 2020, 393, 122332.	12.5	81
149	Hierarchical Transition Metal Oxide Arrays Grown on Grapheneâ€Based Fibers with Enhanced Interface by Thin Layer of Carbon toward Solidâ€State Asymmetric Supercapacitors. ChemElectroChem, 2020, 7, 1860-1868.	2.9	11
150	Flame Synthesis of Superhydrophilic Carbon Nanotubes/Ni Foam Decorated with Fe2O3 Nanoparticles for Water Purification via Solar Steam Generation. ACS Applied Materials & Interfaces, 2020, 12, 13229-13238.	8.0	123
151	Janus MXene nanosheets for macroscopic assemblies. Materials Chemistry Frontiers, 2020, 4, 910-917.	6.1	65
152	3D Lamellar-Structured Graphene Aerogels for Thermal Interface Composites with High Through-Plane Thermal Conductivity and Fracture Toughness. Nano-Micro Letters, 2020, 13, .	30.2	229
153	Anisotropic CoFe₂O₄@Graphene Hybrid Aerogels with High Flux and Excellent Stability as Building Blocks for Rapid Catalytic Degradation of Organic Contaminants in a Flow-Type Setup. ACS Applied Materials & Interfaces, 2019, 11, 34222-34231.	8.0	44
154	Cobalt Hydroxide Carbonate/Reduced Graphene Oxide Anodes Enabled by a Confined Step-by-Step Electrochemical Catalytic Conversion Process for High Lithium Storage Capacity and Excellent Cyclability with a Low Variance Coefficient. ACS Applied Materials & Interfaces, 2019, 11, 33091-33101.	8.0	28
155	Flexible, stretchable and electrically conductive MXene/natural rubber nanocomposite films for efficient electromagnetic interference shielding. Composites Science and Technology, 2019, 182, 107754.	8.7	294
156	Flexible and Multifunctional Silk Textiles with Biomimetic Leafâ€Like MXene/Silver Nanowire Nanostructures for Electromagnetic Interference Shielding, Humidity Monitoring, and Selfâ€Derived Hydrophobicity. Advanced Functional Materials, 2019, 29, .	17.0	655
157	In Situ Growth of Hierarchical Niâ€Mnâ€O Solid Solution on a Flexible and Porous Ni Electrode for Highâ€Performance Allâ€Solidâ€State Asymmetric Supercapacitors. Chemistry - A European Journal, 2019, 25, 15131-15140.	3.4	17
158	Selfâ€Assembly of MXeneâ€Surfactants at Liquidâ€“Liquid Interfaces: From Structured Liquids to 3D Aerogels. Angewandte Chemie, 2019, 131, 18339-18344.	1.4	15
159	Selfâ€Assembly of MXeneâ€Surfactants at Liquidâ€“Liquid Interfaces: From Structured Liquids to 3D Aerogels. Angewandte Chemie - International Edition, 2019, 58, 18171-18176.	14.4	223
160	Freestanding cellulose paper-derived carbon/Fe/Fe3C with enhancedÂelectrochemical kinetics for high-performance lithium-sulfur batteries. Carbon, 2019, 155, 353-360.	10.7	36
161	Hollow-structured MXene-PDMS composites as flexible, wearable and highly bendable sensors with wide working range. Journal of Colloid and Interface Science, 2019, 555, 751-758.	9.9	127
162	Lightweight Fe@C hollow microspheres with tunable cavity for broadband microwave absorption. Composites Part B: Engineering, 2019, 177, 107346.	12.8	120

#	Article	IF	Citations
163	Expanding the Light Harvesting of CsPbI₂Br to Near Infrared by Integrating with Organic Bulk Heterojunction for Efficient and Stable Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 37991-37998.	8.0	30
164	Na2Ti3O7 nanowires with TiO2 and N-doped carbon dual-shells as binder-free electrodes for efficient sodium storage. Electrochimica Acta, 2019, 321, 134714.	5.3	14
165	Highly sensitive, reliable and flexible piezoresistive pressure sensors featuring polyurethane sponge coated with MXene sheets. Journal of Colloid and Interface Science, 2019, 542, 54-62.	9.9	337
166	Reduced graphene oxide/carbon nanotube hybrid fibers with narrowly distributed mesopores for flexible supercapacitors with high volumetric capacitances and satisfactory durability. Carbon, 2019, 152, 134-143.	10.7	108
167	Silver Phosphate/Graphene Oxide Aerogel Microspheres with Radially Oriented Microchannels for Highly Efficient and Continuous Removal of Pollutants from Wastewaters. ACS Sustainable Chemistry and Engineering, 2019, 7, 11228-11240.	6.9	34
168	Nanolayered Cobalt@Carbon Hybrids Derived from Metalâ€“Organic Frameworks for Microwave Absorption. ACS Applied Nano Materials, 2019, 2, 2325-2335.	5.3	125
169	Fabrication of carboxymethyl cellulose and graphene oxide bio-nanocomposites for flexible nonvolatile resistive switching memory devices. Carbohydrate Polymers, 2019, 214, 213-220.	12.2	73
170	Effects of Graphene Quality on Lithium Storage Performances of Fe₃O₄/Thermally Reduced Graphene Oxide Hybrid Anodes. ChemElectroChem, 2019, 6, 1853-1860.	2.9	15
171	Controllable synthesis of hollow microspheres with Fe@Carbon dual-shells for broad bandwidth microwave absorption. Carbon, 2019, 147, 172-181.	10.7	164
172	Multifunctional and Waterâ€Resistant MXeneâ€Decorated Polyester Textiles with Outstanding Electromagnetic Interference Shielding and Joule Heating Performances. Advanced Functional Materials, 2019, 29, .	17.0	729
173	A Highâ€Performance Dualâ€Ion Battery Enabled by Conversionâ€Type Manganese Silicate Anodes with Enhanced Ion Accessibility. ChemElectroChem, 2019, 6, 1040-1046.	2.9	13
174	High-quality graphene aerogels for thermally conductive phase change composites with excellent shape stability. Journal of Materials Chemistry A, 2018, 6, 5880-5886.	9.3	167
175	Robust binder-free anodes assembled with ultralong mischcrystal TiO2 nanowires and reduced graphene oxide for high-rate and long cycle life lithium-ion storage. Journal of Power Sources, 2018, 383, 115-123.	7.9	12
176	Porous Graphene Films with Unprecedented Elastomeric Scaffoldâ€Like Folding Behavior for Foldable Energy Storage Devices. Advanced Materials, 2018, 30, .	24.5	111
177	Simultaneous enhancements in electrical conductivity and toughness of selectively foamed polycarbonate/polystyrene/carbon nanotube microcellular foams. Composites Part B: Engineering, 2018, 143, 161-167.	12.8	59
178	Superelastic and multifunctional graphene-based aerogels by interfacial reinforcement with graphitized carbon at high temperatures. Carbon, 2018, 132, 95-103.	10.7	153
179	Rapidly Responsive and Flexible Chiral Nematic Cellulose Nanocrystal Composites as Multifunctional Rewritable Photonic Papers with Eco-Friendly Inks. ACS Applied Materials & Interfaces, 2018, 10, 5918-5925.	8.0	135
180	Graphene-based Janus film with improved sensitive response capacity for smart actuators. Sensors and Actuators B: Chemical, 2018, 268, 421-429.	7.6	28

#	Article	IF	Citations
181	Vertically Aligned High-Quality Graphene Foams for Anisotropically Conductive Polymer Composites with Ultrahigh Through-Plane Thermal Conductivities. ACS Applied Materials & Interfaces, 2018, 10, 17383-17392.	8.0	235
182	Highly anisotropic graphene/boron nitride hybrid aerogels with long-range ordered architecture and moderate density for highly thermally conductive composites. Carbon, 2018, 126, 119-127.	10.7	226
183	Multifunctional, Superelastic, and Lightweight MXene/Polyimide Aerogels. Small, 2018, 14, .	11.5	557
184	Thermally Conductive Phase Change Composites Featuring Anisotropic Graphene Aerogels for Realâ€Time and Fastâ€Charging Solarâ€Thermal Energy Conversion. Advanced Functional Materials, 2018, 28, .	17.0	351
185	Highly Electrically Conductive Three-Dimensional Ti₃C₂T_x MXene/Reduced Graphene Oxide Hybrid Aerogels with Excellent Electromagnetic Interference Shielding Performances. ACS Nano, 2018, 12, 11193-11202.	15.3	860
186	Dualâ€Carbonâ€Confined Fe₇S₈ Anodes with Enhanced Electrochemical Catalytic Conversion Process for Ultralong Lithium Storage. Chemistry - A European Journal, 2018, 24, 17339-17344.	3.4	40
187	Vertically aligned, ultralight and highly compressive all-graphitized graphene aerogels for highly thermally conductive polymer composites. Carbon, 2018, 140, 624-633.	10.7	184
188	Enhanced lithium storage performances of novel layered nickel germanate anodes inspired by the spatial arrangement of lotus leaves. Nanoscale, 2018, 10, 10963-10970.	5.0	13
189	AFM nanomechanical mapping and nanothermal analysis reveal enhanced crystallization at the surface of a semicrystalline polymer. Polymer, 2018, 146, 188-195.	4.1	33
190	Sb Nanoparticles Embedded in a Nitrogenâ€Doped Carbon Matrix with Tuned Voids and Interfacial Bonds for Highâ€Rate Lithium Storage. ChemElectroChem, 2018, 5, 2653-2659.	2.9	18
191	Efficient Photocatalytic Reduction Approach for Synthesizing Chemically Bonded N-Doped TiO₂/Reduced Graphene Oxide Hybrid as a Freestanding Electrode for High-Performance Lithium Storage. ACS Applied Energy Materials, 2018, 1, 4186-4195.	5.4	12
192	One-Step Self-Assembly for Fabricating Asymmetric Particle Arrays and Templates for Bifunctional Systems. ACS Applied Nano Materials, 2018, 1, 3800-3806.	5.3	3
193	Neuron-Inspired Fe3O4/Conductive Carbon Filament Network for High-Speed and Stable Lithium Storage. ACS Applied Materials & Interfaces, 2018, 10, 17923-17932.	8.0	40
194	Î±-Fe₂O₃ Nanodisk/Bacterial Cellulose Hybrid Membranes as High-Performance Sulfate-Radical-Based Visible Light Photocatalysts under Stirring/Flowing States. ACS Applied Materials & Interfaces, 2018, 10, 30670-30679.	8.0	67
195	Silver Silicate@Carbon Nanotube Nanocomposites for Enhanced Visible Light Photodegradation Performance. ACS Sustainable Chemistry and Engineering, 2017, 5, 3641-3649.	6.9	32
196	Simultaneous Enhancements in Toughness and Electrical Conductivity of Polypropylene/Carbon Nanotube Nanocomposites by Incorporation of Electrically Inert Calcium Carbonate Nanoparticles. Industrial & Engineering Chemistry Research, 2017, 56, 2783-2788.	3.9	35
197	Highly Efficient High-Pressure Homogenization Approach for Scalable Production of High-Quality Graphene Sheets and Sandwich-Structured Î±-Fe2O3/Graphene Hybrids for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 11025-11034.	8.0	84
198	A flexible transparent colorimetric wrist strap sensor. Nanoscale, 2017, 9, 869-874.	5.0	115

#	Article	IF	Citations
199	Hierarchical Porous Graphene/Ni Foam Composite with High Performances in Energy Storage Prepared by Flame Reduction of Graphene Oxide. ChemElectroChem, 2017, 4, 2243-2249.	2.9	15
200	Graphene Oxide/Chitosan Aerogel Microspheres with Honeycomb-Cobweb and Radially Oriented Microchannel Structures for Broad-Spectrum and Rapid Adsorption of Water Contaminants. ACS Applied Materials & Interfaces, 2017, 9, 21809-21819.	8.0	313
201	Polylactic Acid Nanofiber Scaffold Decorated with Chitosan Islandlike Topography for Bone Tissue Engineering. ACS Applied Materials & Interfaces, 2017, 9, 21094-21104.	8.0	163
202	One-Pot Sintering Strategy for Efficient Fabrication of High-Performance and Multifunctional Graphene Foams. ACS Applied Materials & Interfaces, 2017, 9, 13323-13330.	8.0	44
203	Graphene-coated ZnO tetrapod whiskers for thermally and electrically conductive epoxy composites. Composites Part A: Applied Science and Manufacturing, 2017, 94, 104-112.	8.1	55
204	Highly Conductive Transition Metal Carbide/Carbonitride(MXene)@polystyrene Nanocomposites Fabricated by Electrostatic Assembly for Highly Efficient Electromagnetic Interference Shielding. Advanced Functional Materials, 2017, 27, .	17.0	768
205	Phenolic resin-enhanced three-dimensional graphene aerogels and their epoxy nanocomposites with high mechanical and electromagnetic interference shielding performances. Composites Science and Technology, 2017, 152, 254-262.	8.7	128
206	Tetrahedral Silver Phosphate/Graphene Oxide Hybrids as Highly Efficient Visible Light Photocatalysts with Excellent Cyclic Stability. Journal of Physical Chemistry C, 2017, 121, 25172-25179.	3.1	33
207	One-pot synthesis of bismuth silicate heterostructures with tunable morphology and excellent visible light photodegradation performances. Journal of Colloid and Interface Science, 2017, 506, 255-262.	9.9	26
208	Fiber-reinforced three-dimensional graphene aerogels for electrically conductive epoxy composites with enhanced mechanical properties. Chinese Journal of Polymer Science (English Edition), 2017, 35, 1381-1390.	3.4	19
209	Hydrophobic, Flexible, and Lightweight MXene Foams for Highâ€Performance Electromagneticâ€Interference Shielding. Advanced Materials, 2017, 29, .	24.5	1,679
210	Magnetic, electrically conductive and lightweight graphene/iron pentacarbonyl porous films enhanced with chitosan for highly efficient broadband electromagnetic interference shielding. Composites Science and Technology, 2017, 151, 71-78.	8.7	68
211	High Lithium Storage Capacity and Long Cycling Life Fe3S4 Anodes with Reversible Solid Electrolyte Interface Films and Sandwiched Reduced Graphene Oxide Shells. ACS Applied Materials & Interfaces, 2017, 9, 41878-41886.	8.0	43
212	Fabrication of PAN@TiO 2 /Ag nanofibrous membrane with high visible light response and satisfactory recyclability for dye photocatalytic degradation. Applied Surface Science, 2017, 426, 622-629.	6.7	89
213	Influence of Polymer-Clay Interfacial Interactions on the Ignition Time of Polymer/Clay Nanocomposites. Materials, 2017, 10, 935.	2.9	10
214	Highâ€Performance Epoxy Nanocomposites Reinforced with Threeâ€Dimensional Carbon Nanotube Sponge for Electromagnetic Interference Shielding. Advanced Functional Materials, 2016, 26, 447-455.	17.0	688
215	Influence of metal ions on thermo-oxidative stability and combustion response of polyamide 6/clay nanocomposites. Polymer, 2016, 92, 102-113.	4.1	32
216	In situ reduction of iron oxide with graphene for convenient synthesis of various graphene hybrids. Carbon, 2016, 107, 138-145.	10.7	16

#	Article	IF	Citations
217	Hierarchical grapheneâ€“polyaniline nanocomposite films for high-performance flexible electronic gas sensors. Nanoscale, 2016, 8, 12073-12080.	5.0	156
218	Hollow Manganese Silicate Nanotubes with Tunable Secondary Nanostructures as Excellent Fentonâ€Type Catalysts for Dye Decomposition at Ambient Temperature. Advanced Functional Materials, 2016, 26, 7334-7342.	17.0	138
219	Fabrication of a compressible PU@RGO@MnO2 hybrid sponge for efficient removal of methylene blue with an excellent recyclability. RSC Advances, 2016, 6, 88897-88903.	4.4	18
220	Thermally Annealed Anisotropic Graphene Aerogels and Their Electrically Conductive Epoxy Composites with Excellent Electromagnetic Interference Shielding Efficiencies. ACS Applied Materials & Interfaces, 2016, 8, 33230-33239.	8.0	306
221	Decoration of defect-free graphene nanoplatelets with alumina for thermally conductive and electrically insulating epoxy composites. Composites Science and Technology, 2016, 137, 16-23.	8.7	127
222	Air-dried, high-density graphene hybrid aerogels for phase change composites with exceptional thermal conductivity and shape stability. Journal of Materials Chemistry A, 2016, 4, 18067-18074.	9.3	202
223	K2Mn4O8/Reduced Graphene Oxide Nanocomposites for Excellent Lithium Storage and Adsorption of Lead Ions. Chemistry - A European Journal, 2016, 22, 3397-3404.	3.4	19
224	Enhanced thermal conductivity and satisfactory flame retardancy of epoxy/alumina composites by combination with graphene nanoplatelets and magnesium hydroxide. Composites Part B: Engineering, 2016, 98, 134-140.	12.8	146
225	Highly compressible anisotropic graphene aerogels fabricated by directional freezing for efficient absorption of organic liquids. Carbon, 2016, 100, 456-464.	10.7	276
226	Supercritical carbon dioxide fluid assisted synthesis of hierarchical AlOOH@reduced graphene oxide hybrids for efficient removal of fluoride ions. Chemical Engineering Journal, 2016, 292, 174-182.	12.0	49
227	Direct Reduction of Graphene Oxide by Ni Foam as a High-Capacitance Supercapacitor Electrode. ACS Applied Materials & Interfaces, 2016, 8, 2297-2305.	8.0	82
228	Cellulose/graphene aerogel supported phase change composites with high thermal conductivity and good shape stability for thermal energy storage. Carbon, 2016, 98, 50-57.	10.7	439
229	Î³-Aminopropyl triethoxysilane functionalized graphene oxide for composites with high dielectric constant and low dielectric loss. Composites Part A: Applied Science and Manufacturing, 2015, 76, 194-202.	8.1	98
230	Coreâ€“shell structured MgO@mesoporous silica spheres for enhanced adsorption of methylene blue and lead ions. RSC Advances, 2015, 5, 20440-20445.	4.4	35
231	FeCl3intercalated few-layer graphene for high lithium-ion storage performance. Journal of Materials Chemistry A, 2015, 3, 15498-15504.	9.3	43
232	Carbon nanotube@layered nickel silicate coaxial nanocables as excellent anode materials for lithium and sodium storage. Journal of Materials Chemistry A, 2015, 3, 16551-16559.	9.3	67
233	Electrospun polyacrylonitrile nanofibers loaded with silver nanoparticles by silver mirror reaction. Materials Science and Engineering C, 2015, 51, 346-355.	5.8	61
234	Growth of nickel silicate nanoplates on reduced graphene oxide as layered nanocomposites for highly reversible lithium storage. Nanoscale, 2015, 7, 16805-16811.	5.0	53

#	Article	IF	Citations
235	Magnetic and electrically conductive epoxy/graphene/carbonyl iron nanocomposites for efficient electromagnetic interference shielding. Composites Science and Technology, 2015, 118, 178-185.	8.7	118
236	Enhanced electromagnetic interference shielding efficiency of polystyrene/graphene composites with magnetic Fe3O4 nanoparticles. Carbon, 2015, 82, 67-76.	10.7	326
237	Electrically conductive polycarbonate/carbon nanotube composites toughened with micron-scale voids. Carbon, 2015, 82, 195-204.	10.7	65
238	Improved rheological and electrical properties of graphene/polystyrene nanocomposites modified with styrene maleic anhydride copolymer. Composites Science and Technology, 2014, 102, 176-182.	8.7	24
239	Electrically conductive and super-tough polypropylene/carbon nanotube nanocomposites prepared by melt compounding. Composites Part B: Engineering, 2014, 56, 384-391.	12.8	57
240	Revisit to the self-assembled hybrid acrylate/silica core-shell structured particles in the presence of unmodified silica particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 446, 156-162.	5.2	7
241	In situ chemical reduction and functionalization of graphene oxide for electrically conductive phenol formaldehyde composites. Carbon, 2014, 68, 653-661.	10.7	98
242	Thermally conductive and electrically insulating epoxy nanocomposites with silica-coated graphene. RSC Advances, 2014, 4, 15297-15303.	4.4	99
243	Defect-controlled synthesis of graphene based nano-size electronic devices using in situ thermal treatment. Organic Electronics, 2014, 15, 685-691.	2.6	7
244	Folding and birefringence behavior of poly(vinyl alcohol) hydrogel film induced by freezing and thawing. RSC Advances, 2014, 4, 49861-49865.	4.4	6
245	The Effect of Surface Chemistry of Graphene on Cellular Structures and Electrical Properties of Polycarbonate Nanocomposite Foams. Industrial & Engineering Chemistry Research, 2014, 53, 4697-4703.	3.9	36
246	Electrically conductive rubbery epoxy/diamine-functionalized graphene nanocomposites with improved mechanical properties. Composites Part B: Engineering, 2014, 67, 564-570.	12.8	79
247	Sandwichlike Magnesium Silicate/Reduced Graphene Oxide Nanocomposite for Enhanced Pb2+and Methylene Blue Adsorption. ACS Applied Materials & Interfaces, 2014, 6, 14653-14659.	8.0	218
248	Simultaneous functionalization and reduction of graphene oxide with polyetheramine and its electrically conductive epoxy nanocomposites. Chinese Journal of Polymer Science (English Edition), 2014, 32, 975-985.	3.4	29
249	Thermally conductive phenol formaldehyde composites filled with carbon fillers. Materials Letters, 2014, 118, 212-216.	2.5	35
250	Simultaneous Improvement in Both Electrical Conductivity and Toughness of Polyamide 6 Nanocomposites Filled with Elastomer and Carbon Black Particles. Industrial & Engineering Chemistry Research, 2014, 53, 2270-2276.	3.9	37
251	Three dimensional graphene aerogels and their electrically conductive composites. Carbon, 2014, 77, 592-599.	10.7	242
252	Enhanced mechanical properties of poly(vinyl alcohol) nanocomposites with glucose-reduced graphene oxide. Materials Letters, 2013, 102-103, 15-18.	2.5	24

#	Article	IF	Citations
253	Synergistic effect of boron nitride flakes and tetrapod-shaped ZnO whiskers on the thermal conductivity of electrically insulating phenol formaldehyde composites. Composites Part A: Applied Science and Manufacturing, 2013, 53, 137-144.	8.1	101
254	Effect of compounding sequence on localization of carbon nanotubes and electrical properties of ternary nanocomposites. Composites Part A: Applied Science and Manufacturing, 2013, 49, 35-41.	8.1	32
255	Structural evolution of functionalized graphene sheets during solvothermal reduction. Carbon, 2013, 56, 132-138.	10.7	47
256	Ionic-liquid-assisted facile synthesis of silver nanoparticle-reduced graphene oxide hybrids by gamma irradiation. Carbon, 2013, 55, 245-252.	10.7	117
257	Synthesis of graphene decorated with silver nanoparticles by simultaneous reduction of graphene oxide and silver ions with glucose. Carbon, 2013, 59, 93-99.	10.7	113
258	Recent developments in the fire retardancy of polymeric materials. Progress in Polymer Science, 2013, 38, 1357-1387.	25.1	637
259	Functional and mechanical properties of acrylate elastomer/expanded graphite nanocomposites. Journal of Applied Polymer Science, 2013, 130, 680-686.	2.7	12
260	Synergy Derived by Combining Graphene and Carbon Nanotubes as Nanofillers in Composites. Journal of Nanoscience and Nanotechnology, 2012, 12, 3165-3169.	0.6	10
261	Functionalization and Reduction of Graphene Oxide with p-Phenylene Diamine for Electrically Conductive and Thermally Stable Polystyrene Composites. ACS Applied Materials & Interfaces, 2012, 4, 1948-1953.	8.0	209
262	A General Strategy for the Synthesis of Carbon Nanofibers from Solid Carbon Materials. Angewandte Chemie, 2012, 124, 12368-12371.	1.4	4
263	A General Strategy for the Synthesis of Carbon Nanofibers from Solid Carbon Materials. Angewandte Chemie - International Edition, 2012, 51, 12202-12205.	14.4	18
264	Chemical and thermal reduction of graphene oxide and its electrically conductive polylactic acid nanocomposites. Composites Science and Technology, 2012, 72, 1430-1435.	8.7	168
265	The reinforcing effect of graphene nanosheets on the cryogenic mechanical properties of epoxy resins. Composites Science and Technology, 2012, 72, 1581-1587.	8.7	159
266	Tough and highly stretchable graphene oxide/polyacrylamide nanocomposite hydrogels. Journal of Materials Chemistry, 2012, 22, 14160.	7.3	474
267	The effect of surface chemistry of graphene on rheological and electrical properties of polymethylmethacrylate composites. Carbon, 2012, 50, 5117-5125.	10.7	321
268	Improved Electrical Conductivity of Polyamide 12/Graphene Nanocomposites with Maleated Polyethylene-Octene Rubber Prepared by Melt Compounding. ACS Applied Materials & Interfaces, 2012, 4, 4740-4745.	8.0	109
269	Facile synthesis of well-dispersed graphene by Î³-ray induced reduction of graphene oxide. Journal of Materials Chemistry, 2012, 22, 13064.	7.3	242
270	Flame retardancy of polyamide 66 nanocomposites with thermally stable organoclay. Polymers for Advanced Technologies, 2012, 23, 137-142.	3.3	17

#	Article	IF	Citations
271	Chemical reduction and removal of Cr(vi) from acidic aqueous solution by ethylenediamine-reduced graphene oxide. Journal of Materials Chemistry, 2012, 22, 5914.	7.3	297
272	Suppression of wear in graphene polymer composites. Carbon, 2012, 50, 3178-3183.	10.7	237
273	The effect of graphite oxide on the thermoelectric properties of polyaniline. Carbon, 2012, 50, 3064-3073.	10.7	219
274	In situ thermal reduction of graphene oxide for high electrical conductivity and low percolation threshold in polyamide 6 nanocomposites. Composites Science and Technology, 2012, 72, 284-289.	8.7	146
275	Cr(VI) removal from aqueous solution using chemically reduced and functionalized graphene oxide. Journal of Materials Science, 2012, 48, 1883-1889.	3.4	55
276	Viscoelastic Properties of Graphene-Polymer Composites. Advanced Science, Engineering and Medicine, 2012, 4, 10-14.	0.2	15
277	Wetting Behavior of Graphene-Chitosan Nanocomposites for 3D Scaffold Structures. Advanced Science, Engineering and Medicine, 2012, 4, 15-18.	0.2	4
278	Raman study of interfacial load transfer in graphene nanocomposites. Applied Physics Letters, 2011, 98, .	3.0	76
279	Graphene Colloidal Suspensions as High Performance Semi-Synthetic Metal-Working Fluids. Journal of Physical Chemistry C, 2011, 115, 3410-3415.	3.1	74
280	Vacuum-assisted synthesis of graphene from thermal exfoliation and reduction of graphite oxide. Journal of Materials Chemistry, 2011, 21, 5392.	7.3	203
281	Tough Grapheneâ˜Polymer Microcellular Foams for Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2011, 3, 918-924.	8.0	1,076
282	Enhanced Electrical Conductivity in Polystyrene Nanocomposites at Ultra-Low Graphene Content. ACS Applied Materials & Interfaces, 2011, 3, 3130-3133.	8.0	258
283	Enhanced Thermal Conductivity in a Nanostructured Phase Change Composite due to Low Concentration Graphene Additives. Journal of Physical Chemistry C, 2011, 115, 8753-8758.	3.1	416
284	Growth of silver nanocrystals on graphene by simultaneous reduction of graphene oxide and silver ions with a rapid and efficient one-step approach. Chemical Communications, 2011, 47, 3084.	3.4	213
285	Electrical and dielectric properties of polypropylene nanocomposites based on carbon nanotubes and barium titanate nanoparticles. Composites Science and Technology, 2011, 71, 1706-1712.	8.7	79
286	Dispersion of graphene oxide and its flame retardancy effect on epoxy nanocomposites. Chinese Journal of Polymer Science (English Edition), 2011, 29, 368-376.	3.4	47
287	Enhanced thermal stability in graphene oxide covalently functionalized with 2-amino-4,6-didodecylamino-1,3,5-triazine. Carbon, 2011, 49, 1258-1265.	10.7	218
288	Simultaneous surface functionalization and reduction of graphene oxide with octadecylamine for electrically conductive polystyrene composites. Carbon, 2011, 49, 4724-4730.	10.7	387

#	Article	IF	Citations
289	Critical particle size for interfacial debonding in polymer/nanoparticle composites. Composites Science and Technology, 2010, 70, 861-872.	8.7	61
290	Superhydrophobic to Superhydrophilic Wetting Control in Graphene Films. Advanced Materials, 2010, 22, 2151-2154.	24.5	370
291	Fire response of polyamide 6 with layered and fibrillar nanofillers. Polymer Degradation and Stability, 2010, 95, 845-851.	7.1	25
292	Electrically conductive polyethylene terephthalate/graphene nanocomposites prepared by melt compounding. Polymer, 2010, 51, 1191-1196.	4.1	776
293	Impact fracture behaviour of nylon 6-based ternary nanocomposites. Composites Part B: Engineering, 2010, 41, 67-75.	12.8	45
294	Effects of loading rate and temperature on tensile yielding and deformation mechanisms of nylon 6-based nanocomposites. Composites Science and Technology, 2010, 70, 1994-2002.	8.7	10
295	Fracture and Fatigue in Graphene Nanocomposites. Small, 2010, 6, 179-183.	11.5	871
296	Polypropylene/Graphene Oxide Nanocomposites Prepared by In Situ Zieglerâ^'Natta Polymerization. Chemistry of Materials, 2010, 22, 4096-4102.	6.7	270
297	Toughening Polypropylene and Its Nanocomposites with Submicrometer Voids. Macromolecules, 2010, 43, 5734-5739.	5.0	79
298	Dramatic Increase in Fatigue Life in Hierarchical Graphene Composites. ACS Applied Materials & Interfaces, 2010, 2, 2738-2743.	8.0	233
299	Morphological distribution of polymeric nucleating agents in injectionâ€molded isotactic polypropylene plates and its influence on nucleating efficiency. Journal of Applied Polymer Science, 2009, 111, 786-793.	2.7	25
300	Evaluation of Methods for Stiffness Predictions of Polymer/Clay Nanocomposites. Journal of Reinforced Plastics and Composites, 2009, 28, 1625-1649.	2.5	14
301	Synergistic effect of decabromodiphenyl ethane and montmorillonite on flame retardancy of polypropylene. Polymer Degradation and Stability, 2009, 94, 1520-1525.	7.1	69
302	Fundamental aspects and recent progress on wear/scratch damage in polymer nanocomposites. Materials Science and Engineering Reports, 2009, 63, 31-80.	24.8	256
303	Roles of graphite oxide, clay and POSS during the combustion of polyamide 6. Polymer, 2009, 50, 1577-1587.	4.1	122
304	Electrically conductive and super-tough polyamide-based nanocomposites. Polymer, 2009, 50, 4112-4121.	4.1	110
305	Enhanced Mechanical Properties of Nanocomposites at Low Graphene Content. ACS Nano, 2009, 3, 3884-3890.	15.3	2,685
306	Solâ€“gel template synthesis and characterization of magnetoelectric CoFe2O4/Pb(Zr0.52Ti0.48)O3 nanotubes. Materials Chemistry and Physics, 2008, 107, 541-546.	4.4	34

#	Article	IF	Citations
307	A third kind growth model of tetrapod: Rod-based single crystal ZnO tetrapod nanostructure. Materials Chemistry and Physics, 2008, 112, 749-752.	4.4	10
308	New Method To Prepare Graphite Nanocomposites. Chemistry of Materials, 2008, 20, 2066-2068.	6.7	128
309	Orientation and the extent of exfoliation of clay on scratch damage in polyamide 6 nanocomposites. Nanotechnology, 2008, 19, 055708.	2.6	22
310	Zinc nanoplates synthesized by a micro-jet under electron-beam irradiation. Nanotechnology, 2007, 18, 235606.	2.6	15
311	Multiform structures of SnO2 nanobelts. Nanotechnology, 2007, 18, 055607.	2.6	32
312	Transcrystalline Regions in the Vicinity of Nanofillers in Polyamide-6. Macromolecules, 2007, 40, 123-130.	5.0	79
313	Flame retardancy of highly filled polyamide 6/clay nanocomposites. Nanotechnology, 2007, 18, 445602.	2.6	65
314	Microstructure and properties of highly filled rubber/clay nanocomposites prepared by melt blending. Composites Science and Technology, 2007, 67, 2903-2913.	8.7	69
315	Nanoscratching of nylon 66-based ternary nanocomposites. Acta Materialia, 2007, 55, 635-646.	8.7	51
316	Improved mechanical and functional properties of elastomer/graphite nanocomposites prepared by latex compounding. Acta Materialia, 2007, 55, 6372-6382.	8.7	143
317	Intercalated structure of polypropylene/in situ polymerization-modified talc composites via melt compounding. Polymer, 2007, 48, 3555-3564.	4.1	28
318	Preparation and crystalline morphology of biodegradable starch/clay nanocomposites. Polymer, 2007, 48, 7193-7200.	4.1	114
319	Synergistic effect of SEBS-g-MA and epoxy on toughening of polyamide 6/glass fiber composites. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 1448-1458.	2.6	18
320	Fracture toughness of nylon 6/organoclay/elastomer nanocomposites. Composites Science and Technology, 2007, 67, 2914-2923.	8.7	74
321	Facile Synthesis and Assembly of Cu2S Nanodisks to Corncoblike Nanostructures. Chemistry of Materials, 2006, 18, 5156-5158.	6.7	72
322	Micro- and nano-scale deformation behavior of nylon 66-based binary and ternary nanocomposites. Composites Science and Technology, 2006, 66, 3097-3114.	8.7	105
323	Preparation of Exfoliated Zirconium Phosphate/Nafion Organic-Inorganic Hybrid Proton Exchange Membranes. Electrochemical and Solid-State Letters, 2006, 9, A76-A79.	2.3	24
324	Clay exfoliation and organic modification on wear of nylon 6 nanocomposites processed by different routes. Composites Science and Technology, 2005, 65, 2314-2328.	8.7	130

#	Article	IF	Citations
325	A New Strategy to Exfoliate Silicone Rubber/Clay Nanocomposites. Macromolecular Rapid Communications, 2005, 26, 830-833.	4.1	66
326	Effect of blending sequence on microstructure of ternary nanocomposites. Polymer, 2005, 46, 5986-5991.	4.1	156
327	Water-assisted melt compounding of nylon-6/pristine montmorillonite nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1100-1112.	2.6	82
328	In-situ combustion synthesis of ultrafine TiB 2 particles reinforced Cu matrix composite. Journal of Materials Science, 2004, 39, 4683-4685.	3.4	25
329	Mechanical and dynamic mechanical properties of nylon 66/montmorillonite nanocomposites fabricated by melt compounding. Polymer International, 2004, 53, 1093-1098.	3.4	89
330	Toughening of recycled poly(ethylene terephthalate) with a maleic anhydride grafted SEBS triblock copolymer. Journal of Applied Polymer Science, 2004, 93, 1462-1472.	2.7	66
331	On Toughness and Stiffness of Poly(butylene terephthalate) with Epoxide-Containing Elastomer by Reactive Extrusion. Macromolecular Materials and Engineering, 2004, 289, 763-770.	4.1	28
332	Crystallization and impact energy of polypropylene/CaCO3 nanocomposites with nonionic modifier. Polymer, 2004, 45, 5985-5994.	4.1	299
333	Rheological and mechanical properties of PVC/CaCO3 nanocomposites prepared by in situ polymerization. Polymer, 2004, 45, 6665-6673.	4.1	348
334	Enhanced Interfacial Adhesion between PPO and Glass Beads in Composites by Surface Modification of Glass Beads via In Situ Polymerization and Copolymerization. Chemistry of Materials, 2004, 16, 133-138.	6.7	50
335	A Novel Method for Preparation of Disorderly Exfoliated Epoxy/Clay Nanocomposite. Chemistry of Materials, 2004, 16, 757-759.	6.7	92
336	Toughening of polyethylene terephthalate/amorphous copolyester blends with a maleated thermoplastic elastomer. Journal of Applied Polymer Science, 2003, 89, 797-805.	2.7	17
337	A new approach to polymer/montmorillonite nanocomposites. Polymer, 2003, 44, 4619-4624.	4.1	208
338	Dispersion and distribution of organically modified montmorillonite in nylon-66 matrix. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 1234-1243.	2.6	76
339	Multiple melting and crystallization of nylon-66/montmorillonite nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 2861-2869.	2.6	71
340	Conductive mechanism of polymer/graphite conducting composites with low percolation threshold. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 954-963.	2.6	129
341	On compatibilization and toughening of a copolyester with a maleated thermoplastic elastomer. Polymer, 2002, 43, 6993-7001.	4.1	45
342	Impact fracture morphology of nylon 6 toughened with a maleated polyethylene-octene elastomer. Journal of Applied Polymer Science, 2000, 76, 1285-1295.	2.7	63

#	Article	IF	Citations
343	A new process of fabricating electrically conducting nylon 6/graphite nanocomposites via intercalation polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 1626-1633.	2.6	285
344	Toughening of a copolyester with a maleated core-shell toughener. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2801-2809.	2.6	19
345	Title is missing!. Journal of Materials Science Letters, 2000, 19, 1587-1589.	1.0	14
346	Nonisothermal crystallization kinetics ofin situ polyamide-6 blended with poly(phenylene oxide). Journal of Applied Polymer Science, 1999, 73, 767-775.	2.7	6
347	Toughening and reinforcing polypropylene with core-shell structured fillers. Journal of Applied Polymer Science, 1999, 74, 2397-2403.	2.7	53
348	The role of interfacial modifier in toughening of nylon 6 with a core-shell toughener. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 2664-2672.	2.6	33
349	A new conception on the toughness of nylon 6/silica nanocomposite prepared viain situ polymerization. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 789-795.	2.6	275
350	Toughening of nylon 6 with a maleated core-shell impact modifier. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 1987-1994.	2.6	85
351	Polyamide 6/silica nanocomposites prepared byin situ polymerization. Journal of Applied Polymer Science, 1998, 69, 355-361.	2.7	233
352	Influence of interfacial adhesion on toughening of polyethylene-octene elastomer/nylon 6 blends. Journal of Applied Polymer Science, 1998, 69, 1711-1718.	2.7	118
353	Effects of alkylation of silicas on interfacial interaction and molecular motions between silicas and rubbers. Journal of Applied Polymer Science, 1996, 59, 1321-1328.	2.7	59
354	Effects of interfacial adhesion on microdamage and rheological behaviour of glass bead filled nylon 6. Polymer International, 1995, 37, 113-117.	3.4	37
355	Effects of Alkylation of Silica Filler on Rubber Reinforcement. Rubber Chemistry and Technology, 1994, 67, 834-844.	0.8	78
356	Antifreezing, Antidrying, and Conductive Hydrogels for Electronic Skin Applications at Ultralow Temperatures. ACS Applied Materials & Interfaces, 0, , .	8.0	8
357	Threeâ€Phase Emulsion Derived Solarâ€Thermal Reduced Graphene Oxide/Octadecane Phaseâ€Change Foam for Saltâ€Resistant Dayâ€Night Water Evaporation. Advanced Functional Materials, 0, 35, .	17.0	4
358	Controlled Growth of Grapheneâ€Skinned Al₂O₃ Powders by Fluidized Bedâ€Chemical Vapor Deposition for Heat Dissipation. Advanced Science, 0, 12, .	12.6	5
359	A Reaction-Diffusion-Coupled Strategy for Ampere-Level Electrocatalytic Nitrate Reduction to Ammonia. Nano Letters, 0, 25, 14185-14194.	8.7	3
360	Integrating of cobalt hydroxyl carbonate with MXene/reduced graphene oxide aerogel for efficient solar-thermal evaporation of wastewater and simultaneous multi-pathway degradation of pollutant mixtures. Journal of Colloid and Interface Science, 0, 703, 139073.	9.9	0

#	Article	IF	Citations
361	Plantsâ€Inspired Cellulose Nanocompositesâ€Based Soft Intelligent Actuators with Exceptional Thermal Conductivity and Electromagnetic Interference Shielding. Advanced Materials, 0, 38, .	24.5	2
362	Adaptive and Multifunctional Emulsion Solar Evaporators with High Operating Stability in Extreme Environments. Advanced Materials, 0, 38, .	24.5	3
363	A Biomimetic Thermal Conduction Network Enables Metal-Level Thermal Conductivity in Polymer Nanocomposites. ACS Nano, 0, 19, 36663-36674.	15.3	1
364	Construction of Spongeâ€Like Hydrogel with Tunable Porous Structure by Microbubble Engineering for Highâ€Yield Solarâ€Driven Desalination of Brine. Small, 0, 21, .	11.5	1
365	Temperatureâ€Driven Compensation for Adaptive Infrared Camouflage and Electromagnetic Interference Shielding under Solar Radiation. Advanced Functional Materials, 0, , .	17.0	0
366	Machine Learningâ€Accelerated Discovery of Highâ€Performance Insulating Electromagnetic Interference Shielding Composites for Integrated Electronics. Advanced Materials, 0, , .	24.5	1
367	Highly Conductive, Large-Scale Liquid Metal Asymmetric Films by Reconfiguring Hydrogen Bonds for Versatile Electronic Skins. ACS Applied Materials & Interfaces, 0, 17, 70877-70886.	8.0	0