

# Zhu Meifang

## List of Publications by Citations

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342  
papers

13,553  
citations

59  
h-index

106  
g-index

362  
ext. papers

16,768  
ext. citations

7.8  
avg, IF

6.88  
L-index

#	Paper	IF	Citations
342	Design and Mechanisms of Asymmetric Supercapacitors. <i>Chemical Reviews</i> , <b>2018</b> , 118, 9233-9280	68.1	1396
341	Hydrophilic Cu <sub>9</sub> S <sub>5</sub> nanocrystals: a photothermal agent with a 25.7% heat conversion efficiency for photothermal ablation of cancer cells in vivo. <i>ACS Nano</i> , <b>2011</b> , 5, 9761-71	16.7	940
340	Hydrophilic flower-like CuS superstructures as an efficient 980 nm laser-driven photothermal agent for ablation of cancer cells. <i>Advanced Materials</i> , <b>2011</b> , 23, 3542-7	24	654
339	Ultrathin PEGylated W <sub>18</sub> O <sub>49</sub> nanowires as a new 980 nm-laser-driven photothermal agent for efficient ablation of cancer cells in vivo. <i>Advanced Materials</i> , <b>2013</b> , 25, 2095-100	24	325
338	Origami-inspired active graphene-based paper for programmable instant self-folding walking devices. <i>Science Advances</i> , <b>2015</b> , 1, e1500533	14.3	260
337	Experimental study on relationship between jet instability and formation of beaded fibers during electrospinning. <i>Polymer Engineering and Science</i> , <b>2005</b> , 45, 704-709	2.3	260
336	Human walking-driven wearable all-fiber triboelectric nanogenerator containing electrospun polyvinylidene fluoride piezoelectric nanofibers. <i>Nano Energy</i> , <b>2015</b> , 14, 226-235	17.1	213
335	Hierarchical MnO <sub>2</sub> nanowire/graphene hybrid fibers with excellent electrochemical performance for flexible solid-state supercapacitors. <i>Journal of Power Sources</i> , <b>2016</b> , 306, 481-488	8.9	210
334	High clay content nanocomposite hydrogels with surprising mechanical strength and interesting deswelling kinetics. <i>Polymer</i> , <b>2006</b> , 47, 1-5	3.9	204
333	NIR-Laser-Switched In Vivo Smart Nanocapsules for Synergic Photothermal and Chemotherapy of Tumors. <i>Advanced Materials</i> , <b>2016</b> , 28, 245-53	24	200
332	Flexible all-solid-state asymmetric supercapacitor based on transition metal oxide nanorods/reduced graphene oxide hybrid fibers with high energy density. <i>Carbon</i> , <b>2017</b> , 113, 151-158	10.4	192
331	Efficient Supercapacitor Energy Storage Using Conjugated Microporous Polymer Networks Synthesized from Buchwald-Hartwig Coupling. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705710	24	160
330	Scalable non-liquid-crystal spinning of locally aligned graphene fibers for high-performance wearable supercapacitors. <i>Nano Energy</i> , <b>2015</b> , 15, 642-653	17.1	151
329	Encapsulation of amoxicillin within laponite-doped poly(lactic-co-glycolic acid) nanofibers: preparation, characterization, and antibacterial activity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 6393-401	9.5	151
328	A Novel Highly Resilient Nanocomposite Hydrogel with Low Hysteresis and Ultrahigh Elongation. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 1023-1028	4.8	149
327	Superhydrophobic surface directly created by electrospinning based on hydrophilic material. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 3793-3797	4.3	148
326	Continuous polymer nanofiber yarns prepared by self-bundling electrospinning method. <i>Polymer</i> , <b>2008</b> , 49, 2755-2761	3.9	130

325	Facile Fabrication of Uniform CoreShell Structured Carbon NanotubePolyaniline Nanocomposites. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 5502-5507	3.8	123
324	An Elastic Transparent Conductor Based on Hierarchically Wrinkled Reduced Graphene Oxide for Artificial Muscles and Sensors. <i>Advanced Materials</i> , <b>2016</b> , 28, 9491-9497	24	121
323	Sheath-run artificial muscles. <i>Science</i> , <b>2019</b> , 365, 150-155	33.3	120
322	Robust, hydrophilic graphene/cellulose nanocrystal fiber-based electrode with high capacitive performance and conductivity. <i>Carbon</i> , <b>2018</b> , 127, 218-227	10.4	116
321	Highly sensitive and stretchable piezoresistive strain sensor based on conductive poly(styrene-butadiene-styrene)/few layer graphene composite fiber. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 105, 291-299	8.4	110
320	Molecular-channel driven actuator with considerations for multiple configurations and color switching. <i>Nature Communications</i> , <b>2018</b> , 9, 590	17.4	108
319	Bottom-Up Fabrication of Activated Carbon Fiber for All-Solid-State Supercapacitor with Excellent Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14622-7	9.5	107
318	Development of hydrophilic barrier layer on nanofibrous substrate as composite membrane via a facile route. <i>Journal of Membrane Science</i> , <b>2010</b> , 356, 110-116	9.6	106
317	Reducing the formation of six-membered ring ester during thermal degradation of biodegradable PHBV to enhance its thermal stability. <i>Polymer Degradation and Stability</i> , <b>2009</b> , 94, 18-24	4.7	100
316	In vitro and in vivo studies of electroactive reduced graphene oxide-modified nanofiber scaffolds for peripheral nerve regeneration. <i>Acta Biomaterialia</i> , <b>2019</b> , 84, 98-113	10.8	99
315	One-step synthesis of magnetically-functionalized reduced graphite sheets and their use in hydrogels. <i>Carbon</i> , <b>2011</b> , 49, 47-53	10.4	98
314	Flexible and Washable CNT-Embedded PAN Nonwoven Fabrics for Solar-Enabled Evaporation and Desalination of Seawater. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 35005-35014	9.5	96
313	Conductive, tough, hydrophilic poly(vinyl alcohol)/graphene hybrid fibers for wearable supercapacitors. <i>Journal of Power Sources</i> , <b>2016</b> , 319, 271-280	8.9	94
312	Ionic Liquid-Assisted Synthesis of TiO <sub>2</sub> Carbon Hybrid Nanostructures for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1338-1346	15.6	91
311	Enhanced Power Output of a Triboelectric Nanogenerator Composed of Electrospun Nanofiber Mats Doped with Graphene Oxide. <i>Scientific Reports</i> , <b>2015</b> , 5, 13942	4.9	89
310	Polyester@MXene nanofibers-based yarn electrodes. <i>Journal of Power Sources</i> , <b>2018</b> , 396, 683-690	8.9	88
309	Inorganic Fillers for Dental Resin Composites: Present and Future. <i>ACS Biomaterials Science and Engineering</i> , <b>2016</b> , 2, 1-11	5.5	86
308	Critical insight: challenges and requirements of fibre electrodes for wearable electrochemical energy storage. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 2148-2160	35.4	85

307	Targeted tumor CT imaging using folic acid-modified PEGylated dendrimer-entrapped gold nanoparticles. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 4412	4.9	85
306	Continuously Producing Watersteam and Concentrated Brine from Seawater by Hanging Photothermal Fabrics under Sunlight. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905485	15.6	84
305	Thiol-capped Bi nanoparticles as stable and all-in-one type theranostic nanoagents for tumor imaging and thermoradiotherapy. <i>Biomaterials</i> , <b>2018</b> , 161, 279-291	15.6	81
304	Effect of multi-walled carbon nanotubes on crystallization behavior of poly(3-hydroxybutyrate-co-3-hydroxyvalerate). <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 1005-1014	2.4	81
303	Progress and Perspective of Antiviral Protective Material. <i>Advanced Fiber Materials</i> , <b>2020</b> , 2, 123-139	10.9	80
302	Superior piezoresistive strain sensing behaviors of carbon nanotubes in one-dimensional polymer fiber structure. <i>Carbon</i> , <b>2018</b> , 140, 1-9	10.4	80
301	Synthesis, Self-assembly, and Crystal Structure of a Shape-Persistent Polyhedral-Oligosilsesquioxane-Nanoparticle-Tethered Perylene Diimide. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 4802-4810	3.4	76
300	Efficient Extraction of Cellulose Nanocrystals through Hydrochloric Acid Hydrolysis Catalyzed by Inorganic Chlorides under Hydrothermal Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4656-4664	8.3	73
299	Design and Synthesis of All-in-One Multifunctional FeS <sub>2</sub> Nanoparticles for Magnetic Resonance and Near-Infrared Imaging Guided Photothermal Therapy of Tumors. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8231-8242	15.6	73
298	Near-Infrared-Triggered in Situ Gelation System for Repeatedly Enhanced Photothermal Brachytherapy with a Single Dose. <i>ACS Nano</i> , <b>2018</b> , 12, 9412-9422	16.7	72
297	Preparation of TiO <sub>2</sub> /Bi <sub>2</sub> WO <sub>6</sub> nanostructured heterojunctions on carbon fibers as a weaveable visible-light photocatalyst/photoelectrode. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 327-337	7.1	72
296	Fabric texture design for boosting the performance of a knitted washable textile triboelectric nanogenerator as wearable power. <i>Nano Energy</i> , <b>2019</b> , 58, 375-383	17.1	70
295	Bacterial cellulose nanofibers promote stress and fidelity of 3D-printed silk based hydrogel scaffold with hierarchical pores. <i>Carbohydrate Polymers</i> , <b>2019</b> , 221, 146-156	10.3	68
294	A Route Toward Smart System Integration: From Fiber Design to Device Construction. <i>Advanced Materials</i> , <b>2020</b> , 32, e1902301	24	67
293	Conductive Self-Healing Nanocomposite Hydrogel Skin Sensors with Antifreezing and Thermoresponsive Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 3068-3079	9.5	66
292	Low cost carbon fibers from bio-renewable Lignin/Poly(lactic acid) (PLA) blends. <i>Composites Science and Technology</i> , <b>2015</b> , 119, 20-25	8.6	65
291	Characteristic Swelling/Deswelling of Polymer/Clay Nanocomposite Gels. <i>Macromolecules</i> , <b>2011</b> , 44, 8516-8526	5.5	65
290	Vapor sensing properties of thermoplastic polyurethane multifilament covered with carbon nanotube networks. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 156, 63-70	8.5	65

289	Study on Phase-Change Characteristics of PET-PEG Copolymers. <i>Journal of Macromolecular Science - Physics</i> , <b>2006</b> , 45, 615-621	1.4	63
288	Dynamically tuning near-infrared-induced photothermal performances of TiO nanocrystals by Nb doping for imaging-guided photothermal therapy of tumors. <i>Nanoscale</i> , <b>2017</b> , 9, 9148-9159	7.7	61
287	Facile in-situ fabrication of novel organic nanoparticle hydrogels with excellent mechanical properties. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7340		61
286	StiffSoftBinary Synergistic Aerogels with Superflexibility and High Thermal Insulation Performance. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806407	15.6	61
285	Unveiling Polyindole: Freestanding As-electrospun Polyindole Nanofibers and Polyindole/Carbon Nanotubes Composites as Enhanced Electrodes for Flexible All-solid-state Supercapacitors. <i>Electrochimica Acta</i> , <b>2017</b> , 247, 400-409	6.7	59
284	Modification and Potential Application of Short-Chain-Length Polyhydroxyalkanoate (SCL-PHA). <i>Polymers</i> , <b>2016</b> , 8,	4.5	59
283	Nanoparticle-Polymer Synergies in Nanocomposite Hydrogels: From Design to Application. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800337	4.8	58
282	Polymer grafted hydroxyapatite whisker as a filler for dental composite resin with enhanced physical and mechanical properties. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 4994-5000	8.3	58
281	Temperature- and pH-Sensitive Nanocomposite Gels with Semi-Interpenetrating Organic/Inorganic Networks. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 1564-1575	2.6	54
280	Three-Dimensional Porous Carbon Nanotubes/Reduced Graphene Oxide Fiber from Rapid Phase Separation for a High-Rate All-Solid-State Supercapacitor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 9283-9290	9.5	53
279	The assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 2323	13	52
278	Programmable responsive shaping behavior induced by visible multi-dimensional gradients of magnetic nanoparticles. <i>Soft Matter</i> , <b>2012</b> , 8, 3295	3.6	52
277	Mechanical properties of dental resin composites by co-filling diatomite and nanosized silica particles. <i>Materials Science and Engineering C</i> , <b>2011</b> , 31, 600-605	8.3	50
276	Investigation on the physical-mechanical properties of dental resin composites reinforced with novel bimodal silica nanostructures. <i>Materials Science and Engineering C</i> , <b>2015</b> , 50, 266-73	8.3	49
275	From crystals to columnar liquid crystal phases: molecular design, synthesis and phase structure characterization of a series of novel phenazines potentially useful in photovoltaic applications. <i>Soft Matter</i> , <b>2010</b> , 6, 100-112	3.6	49
274	Low pressure UV-cured CSBEOBTEGDMA/PAN thin film nanofibrous composite nanofiltration membranes for anionic dye separation. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15575-15588	13	49
273	High-power triboelectric nanogenerator prepared from electrospun mats with spongy parenchyma-like structure. <i>Nano Energy</i> , <b>2017</b> , 34, 69-75	17.1	48
272	Highly strong and elastic graphene fibres prepared from universal graphene oxide precursors. <i>Scientific Reports</i> , <b>2014</b> , 4, 4248	4.9	47

271	Synthesis and characterization of an environmentally friendly PHBV/PEG copolymer network as a phase change material. <i>Science China Chemistry</i> , <b>2013</b> , 56, 716-723	7.9	45
270	Low shrinkage light curable dental nanocomposites using SiO microspheres as fillers. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 2115-2121	8.3	45
269	Strong antibacterial dental resin composites containing cellulose nanocrystal/zinc oxide nanohybrids. <i>Journal of Dentistry</i> , <b>2019</b> , 80, 23-29	4.8	45
268	Swelling behavior of thermosensitive nanocomposite hydrogels composed of oligo(ethylene glycol) methacrylates and clay. <i>European Polymer Journal</i> , <b>2015</b> , 69, 472-482	5.2	44
267	A bottom-up approach to design wearable and stretchable smart fibers with organic vapor sensing behaviors and energy storage properties. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 13633-13643	13	44
266	Wear behavior of light-cured resin composites with bimodal silica nanostructures as fillers. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 4759-66	8.3	43
265	A Bioinspired Swimming and Walking Hydrogel Driven by Light-Controlled Local Density. <i>Advanced Science</i> , <b>2015</b> , 2, 1500084	13.6	43
264	Surprising conversion of nanocomposite hydrogels with high mechanical strength by posttreatment: From a low swelling ratio to an ultrahigh swelling ratio. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 6640-6645	2.5	43
263	A novel nanocomposite hydrogel with precisely tunable UCST and LCST. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 477-82	4.8	42
262	Strong and bioactive dental resin composite containing poly(Bis-GMA) grafted hydroxyapatite whiskers and silica nanoparticles. <i>Composites Science and Technology</i> , <b>2014</b> , 101, 86-93	8.6	41
261	A biomimetic nanofiber-based triboelectric nanogenerator with an ultrahigh transfer charge density. <i>Nano Energy</i> , <b>2018</b> , 48, 464-470	17.1	38
260	Fabrication of a fibrous MnO <sub>2</sub> @MXene/CNT electrode for high-performance flexible supercapacitor. <i>Ceramics International</i> , <b>2020</b> , 46, 11874-11881	5.1	37
259	Mechanical properties of dental resin/composite containing urchin-like hydroxyapatite. <i>Dental Materials</i> , <b>2014</b> , 30, 1358-68	5.7	37
258	Materials interaction in aggregation-induced emission (AIE)-based fluorescent resin for smart coatings. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 12849-12857	7.1	37
257	Controlled synergistic strategy to fabricate 3D-skeletal hetero-nanosponges with high performance for flexible energy storage applications. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21114-21121	13	36
256	Hierarchically porous carbon black/graphene hybrid fibers for high performance flexible supercapacitors. <i>RSC Advances</i> , <b>2016</b> , 6, 50112-50118	3.7	36
255	Multi-functional and highly conductive textiles with ultra-high durability through green fabrication process. <i>Chemical Engineering Journal</i> , <b>2021</b> , 406, 127140	14.7	36
254	Flexible poly(styrene-butadiene-styrene)/carbon nanotube fiber based vapor sensors with high sensitivity, wide detection range, and fast response. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 256, 896-904	8.5	35

253	Expanded conformation of macromolecular chain in polyaniline with one-dimensional nanostructure prepared by interfacial polymerization. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 103110	3.4	35
252	A crosslinking alkylation strategy to construct nitrogen-enriched tetraphenylmethane-based porous organic polymers as efficient carbon dioxide and iodine adsorbents. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122998	14.7	35
251	Modification of Nanocomposite Gels by Irreversible Rearrangement of Polymer/Clay Network Structure through Drying. <i>Macromolecules</i> , <b>2010</b> , 43, 9848-9853	5.5	34
250	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. <i>Photochemical and Photobiological Sciences</i> , <b>2021</b> , 20, 1-67	4.2	34
249	Surface Self-Assembly of Functional Electroactive Nanofibers on Textile Yarns as a Facile Approach toward Super Flexible Energy Storage. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 377-386	6.1	34
248	Engineering Interactions for enhanced photoluminescent properties: unique discrete dimeric packing of perylene diimides. <i>RSC Advances</i> , <b>2017</b> , 7, 6530-6537	3.7	33
247	Antibacterial finishing of cotton fabrics based on thiol-maleimide click chemistry. <i>Cellulose</i> , <b>2018</b> , 25, 3179-3188	5.5	33
246	Anchoring alpha-manganese oxide nanocrystallites on multi-walled carbon nanotubes as electrode materials for supercapacitor. <i>Journal of Nanoparticle Research</i> , <b>2010</b> , 12, 2349-2353	2.3	33
245	Multifunctional fabrics of carbon nanotube fibers. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 8790-8797	13	32
244	Dopant-dependent crystallization and photothermal effect of Sb-doped SnO nanoparticles as stable theranostic nanoagents for tumor ablation. <i>Nanoscale</i> , <b>2018</b> , 10, 2542-2554	7.7	32
243	Green approach to fabricate Polyindole composite nanofibers for energy and sensor applications. <i>Materials Letters</i> , <b>2017</b> , 209, 400-403	3.3	30
242	Continuous fabrication of cellulose nanocrystal/poly(ethylene glycol) diacrylate hydrogel fiber from nanocomposite dispersion: Rheology, preparation and characterization. <i>Polymer</i> , <b>2017</b> , 123, 55-64	3.9	30
241	TREM-2 promotes macrophage-mediated eradication of <i>Pseudomonas aeruginosa</i> via a PI3K/Akt pathway. <i>Scandinavian Journal of Immunology</i> , <b>2014</b> , 79, 187-96	3.4	30
240	A Study of the Synthesis and Properties of AM/AMPS Copolymer as Superabsorbent. <i>Macromolecular Materials and Engineering</i> , <b>2004</b> , 289, 1074-1078	3.9	30
239	Preparation of PA6/nano titanium dioxide (TiO <sub>2</sub> ) composites and their spinnability. <i>Macromolecular Symposia</i> , <b>2004</b> , 210, 251-261	0.8	30
238	Synthesis of core-shell structured ZnO@m-SiO with excellent reinforcing effect and antimicrobial activity for dental resin composites. <i>Dental Materials</i> , <b>2018</b> , 34, 1846-1855	5.7	30
237	Thermal depolymerization mechanisms of poly(3-hydroxybutyrate-co-3-hydroxyvalerate). <i>Progress in Natural Science: Materials International</i> , <b>2016</b> , 26, 58-64	3.6	29
236	Electrical conductivity and rheological behavior of multiphase polymer composites containing conducting carbon black. <i>Polymer Engineering and Science</i> , <b>2008</b> , 48, 2090-2097	2.3	29

235	Unzipped Carbon Nanotube/Graphene Hybrid Fiber with Less Dead Volume for Ultrahigh Volumetric Energy Density Supercapacitors. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100195	15.6	29
234	Smart fibers for energy conversion and storage. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 7009-7061	58.5	29
233	Hierarchical Interface Engineering for Advanced Nanocellulosic Hybrid Aerogels with High Compressibility and Multifunctionality. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009349	15.6	28
232	Conjugated Microporous Polymer Network Grafted Carbon Nanotube Fibers with Tunable Redox Activity for Efficient Flexible Wearable Energy Storage. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 8276-8285	9.6	27
231	Synthesis of dental resins using diatomite and nano-sized SiO <sub>2</sub> and TiO <sub>2</sub> . <i>Progress in Natural Science: Materials International</i> , <b>2012</b> , 22, 94-99	3.6	26
230	Attapulgite-doped electrospun poly(lactic-co-glycolic acid) nanofibers enable enhanced osteogenic differentiation of human mesenchymal stem cells. <i>RSC Advances</i> , <b>2015</b> , 5, 2383-2391	3.7	26
229	Construction of 980 nm laser-driven dye-sensitized photovoltaic cell with excellent performance for powering nanobiodevices implanted under the skin. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 18156		26
228	Designable synthesis of nanocomposite hydrogels with excellent mechanical properties based on chemical cross-linked interactions. <i>Chemical Communications</i> , <b>2010</b> , 46, 7790-2	5.8	26
227	Selective removal of mercury ions using thymine-grafted electrospun polymer nanofibers. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1533-1539	3.6	25
226	Use of regenerated cellulose to direct hetero-assembly of nanoparticles with carbon nanotubes for producing flexible battery anodes. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 13944-13949	13	25
225	Egg white-mediated green synthesis of CuS quantum dots as a biocompatible and efficient 980 nm laser-driven photothermal agent. <i>RSC Advances</i> , <b>2016</b> , 6, 40480-40488	3.7	25
224	Blue Te Nanoneedles with Strong NIR Photothermal and Laser-Enhanced Anticancer Effects as "All-in-One" Nanoagents for Synergistic Thermo-Chemotherapy of Tumors. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1800643	10.1	25
223	Nanostructured polyaniline/poly(styrene-butadiene-styrene) composite fiber for use as highly sensitive and flexible ammonia sensor. <i>Synthetic Metals</i> , <b>2017</b> , 233, 86-93	3.6	24
222	Polyacrylic Acid Assisted Assembly of Oxide Particles and Carbon Nanotubes for High-Performance Flexible Battery Anodes. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1401207	21.8	24
221	Construction of continuous hollow silica aerogel fibers with hierarchical pores and excellent adsorption performance. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 273, 294-296	5.3	24
220	Fabricating conductive poly(ethylene terephthalate) nonwoven fabrics using an aqueous dispersion of reduced graphene oxide as a sheet dyestuff. <i>RSC Advances</i> , <b>2014</b> , 4, 23869-23875	3.7	24
219	Synthesis and characterization of multi-block copolymers containing poly[(3-hydroxybutyrate)-co-(3-hydroxyvalerate)] and poly(ethylene glycol). <i>Polymer International</i> , <b>2010</b> , 59, n/a-n/a	3.3	24
218	Hierarchical Photothermal Fabrics with Low Evaporation Enthalpy as Heliotropic Evaporators for Efficient, Continuous, Salt-Free Desalination. <i>ACS Nano</i> , <b>2021</b> ,	16.7	24



217	Intriguing anti-superbug Cu <sub>2</sub> O@ZrP hybrid nanosheet with enhanced antibacterial performance and weak cytotoxicity. <i>Nano Research</i> , <b>2019</b> , 12, 1453-1460	10	23
216	UV/NIR-Light-Triggered Rapid and Reversible Color Switching for Rewritable Smart Fabrics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 13370-13379	9.5	23
215	PEGylated CsxWO <sub>3</sub> nanorods as an efficient and stable 915 nm-laser-driven photothermal agent against cancer cells. <i>RSC Advances</i> , <b>2015</b> , 5, 7074-7082	3.7	23
214	A monodisperse anionic silver nanoparticles colloid: Its selective adsorption and excellent plasmon-induced photodegradation of Methylene Blue. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 523, 98-109	9.3	23
213	Electromagnetic wave absorption polyimide fabric prepared by coating with core-shell NiFe <sub>2</sub> O <sub>4</sub> @PANI nanoparticles. <i>RSC Advances</i> , <b>2017</b> , 7, 42891-42899	3.7	23
212	Use of electrospinning to directly fabricate three-dimensional nanofiber stacks of cellulose acetate under high relative humidity condition. <i>Cellulose</i> , <b>2017</b> , 24, 219-229	5.5	23
211	Facile Synthesis of Nitrogen-Rich Porous Organic Polymers for Latent Heat Energy Storage. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 6535-6540	6.1	23
210	Cobalt Nanocrystals Encapsulated in Heteroatom-Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution. <i>Small</i> , <b>2018</b> , 14, e1803232	11	23
209	Mechanically Strong and Multifunctional Hybrid Hydrogels with Ultrahigh Electrical Conductivity. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104536	15.6	23
208	Self-reinforcement of Light, Temperature-Resistant Silica Nanofibrous Aerogels with Tunable Mechanical Properties. <i>Advanced Fiber Materials</i> , <b>2020</b> , 2, 338-347	10.9	22
207	Large Scale Production of Continuous Hydrogel Fibers with Anisotropic Swelling Behavior by Dynamic-Crosslinking-Spinning. <i>Macromolecular Rapid Communications</i> , <b>2016</b> , 37, 1795-1801	4.8	22
206	A simple inorganic hybrids strategy for graphene fibers fabrication with excellent electrochemical performance. <i>Journal of Power Sources</i> , <b>2020</b> , 450, 227637	8.9	21
205	Highly flexible and shape-persistent graphene microtube and its application in supercapacitor. <i>Carbon</i> , <b>2018</b> , 126, 419-425	10.4	21
204	Mechanical properties of biocompatible clay/P(MEOMA-co-OEGMA) nanocomposite hydrogels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 72, 74-81	4.1	20
203	Hydrophobic SiO <sub>2</sub> Electret Enhances the Performance of Poly(vinylidene fluoride) Nanofiber-Based Triboelectric Nanogenerator. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 26600-26608	3.8	20
202	Polyethylene glycol infused acid-etched halloysite nanotubes for melt-spun polyamide-based composite phase change fibers. <i>Applied Clay Science</i> , <b>2019</b> , 182, 105249	5.2	20
201	Effect of halloysite nanotubes on thermal and flame retardant properties of polyamide 6/melamine cyanurate composites. <i>Polymer Composites</i> , <b>2015</b> , 36, 892-896	3	20
200	Turn-off/on fluorescent sensors for Cu <sup>2+</sup> and ATP in aqueous solution based on a tetraphenylethylene derivative. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 2640-2645	7.1	19

199	Effect of TiO <sub>2</sub> @SiO <sub>2</sub> nanoparticles on the mechanical and UV-resistance properties of polyphenylene sulfide fibers. <i>Progress in Natural Science: Materials International</i> , <b>2015</b> , 25, 310-315	3.6	19
198	Asymmetric fabric supercapacitor with a high areal energy density and excellent flexibility. <i>RSC Advances</i> , <b>2017</b> , 7, 48934-48941	3.7	18
197	Super-strong and Intrinsically Fluorescent Silkworm Silk from Carbon Nanodots Feeding. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 75	19.5	18
196	Reactive spinning to achieve nanocomposite gel fibers: from monomer to fiber dynamically with enhanced anisotropy. <i>Materials Horizons</i> , <b>2020</b> , 7, 811-819	14.4	18
195	Polypyrrole-coated carbon nanotube/cotton hybrid fabric with high areal capacitance for flexible quasi-solid-state supercapacitors. <i>Energy Storage Materials</i> , <b>2020</b> , 33, 11-17	19.4	18
194	Melt-spun microbial poly(3-hydroxybutyrate-co-3-hydroxyvalerate) fibers with enhanced toughness: Synergistic effect of heterogeneous nucleation, long-chain branching and drawing process. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 122, 1136-1143	7.9	18
193	Surface modification of quartz fibres for dental composites through a sol-gel process. <i>Materials Science and Engineering C</i> , <b>2017</b> , 74, 21-26	8.3	17
192	Perovskite Solar Fibers: Current Status, Issues and Challenges. <i>Advanced Fiber Materials</i> , <b>2019</b> , 1, 101-125	10.9	16
191	Heterogeneous graphene/polypyrrole multilayered microtube with enhanced capacitance. <i>Electrochimica Acta</i> , <b>2019</b> , 304, 378-385	6.7	16
190	Integrating Nano-Cu <sub>2</sub> O@ZrP into In Situ Polymerized Polyethylene Terephthalate (PET) Fibers with Enhanced Mechanical Properties and Antibacterial Activities. <i>Polymers</i> , <b>2019</b> , 11,	4.5	16
189	Enhanced Piezoelectric Performance of Electrospun Polyvinylidene Fluoride Doped with Inorganic Salts. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700214	3.9	16
188	Thermo-Induced Double Phase Transition Behavior of Physically Cross-Linked Hydrogels Based on Oligo(ethylene glycol) methacrylates. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 2230-2240	2.6	16
187	Novel poly(N-isopropylacrylamide)/clay/poly(acrylamide) IPN hydrogels with the response rate and drug release controlled by clay content. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2009</b> , 47, 96-106	2.6	16
186	Fast Heat Transport Inside Lithium-Sulfur Batteries Promotes Their Safety and Electrochemical Performance. <i>IScience</i> , <b>2020</b> , 23, 101576	6.1	16
185	Revealing the interrelation between hydrogen bonds and interfaces in graphene/PVA composites towards highly electrical conductivity. <i>Chemical Engineering Journal</i> , <b>2020</b> , 383, 123126	14.7	16
184	Enantiomeric Switching of the Circularly Polarized Luminescence Processes in a Hierarchical Biomimetic System by Film Tilting. <i>ACS Nano</i> , <b>2021</b> , 15, 1397-1406	16.7	16
183	Ultrasound-Mediated Remotely Controlled Nanovaccine Delivery for Tumor Vaccination and Individualized Cancer Immunotherapy. <i>Nano Letters</i> , <b>2021</b> , 21, 1228-1237	11.5	16
182	Flexible Solar Yarns with 15.7% Power Conversion Efficiency, Based on Electrospun Perovskite Composite Nanofibers. <i>Solar Rrl</i> , <b>2020</b> , 4, 2000269	7.1	15

181	Lithium-ion battery fiber constructed by diverse-dimensional carbon nanomaterials. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 582-591	4.3	15
180	Functionalization-Directed Stabilization of Hydrogen-Bonded Polymer Complex Fibers: Elasticity and Conductivity. <i>Advanced Fiber Materials</i> , <b>2019</b> , 1, 71-81	10.9	15
179	Novel Ag nanocrystals based dental resin composites with enhanced mechanical and antibacterial properties. <i>Progress in Natural Science: Materials International</i> , <b>2013</b> , 23, 573-578	3.6	15
178	Poly(m-Phenylene Isophthalamide) Ultrafine Fibers from an Ionic Liquid Solution by Dry-Jet-Wet-Electrospinning. <i>Journal of Macromolecular Science - Physics</i> , <b>2006</b> , 45, 573-579	1.4	15
177	Morphological Characterization of PMMA/PAN Composite Particles in Nano to Submicro Size. <i>Macromolecular Materials and Engineering</i> , <b>2005</b> , 290, 669-674	3.9	15
176	Scalable microgel spinning of a three-dimensional porous graphene fiber for high-performance flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 25355-25362	13	15
175	Integrated dynamic wet spinning of core-sheath hydrogel fibers for optical-to-brain/tissue communications. <i>National Science Review</i> , <b>2021</b> , 8, nwa209	10.8	15
174	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. <i>National Science Review</i> , <b>2021</b> , 8, nwa135	10.8	15
173	Functional fillers for dental resin composites. <i>Acta Biomaterialia</i> , <b>2021</b> , 122, 50-65	10.8	15
172	A Novel NIR Laser Switched Nanocomposite Hydrogel as Remote Stimuli Smart Valve. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700213	3.9	14
171	1-D polymer ternary composites: Understanding materials interaction, percolation behaviors and mechanism toward ultra-high stretchable and super-sensitive strain sensors. <i>Science China Materials</i> , <b>2019</b> , 62, 995-1004	7.1	14
170	Synthesis and characterization of size-controlled nano-CuO deposited on alpha-zirconium phosphate with excellent antibacterial property. <i>Materials Science and Engineering C</i> , <b>2019</b> , 101, 499-504	8.3	14
169	Effect of hydroxyapatite whisker surface graft polymerization on water sorption, solubility and bioactivity of the dental resin composite. <i>Materials Science and Engineering C</i> , <b>2015</b> , 53, 150-5	8.3	14
168	Nonisothermal crystallization kinetics of poly( $\epsilon$ -caprolactone) blocks in double crystalline triblock copolymers containing poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and poly( $\epsilon$ -caprolactone) units. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2010</b> , 48, 2288-2295	2.6	14
167	Mechanical Properties and Phase Transition of High Clay Content Clay/Poly(N-isopropylacrylamide) Nanocomposite Hydrogel. <i>Macromolecular Symposia</i> , <b>2007</b> , 254, 353-360	0.8	14
166	Chemical Vapor Deposition Mediated Phase Engineering for 2D Transition Metal Dichalcogenides: Strategies and Applications. <i>Small Science</i> , 2100047		14
165	Strong, high stretchable and ultrasensitive SEBS/CNTs hybrid fiber for high-performance strain sensor. <i>Composites Communications</i> , <b>2021</b> , 25, 100735	6.7	14
164	Trap Distribution and Conductivity Synergic Optimization of High-Performance Triboelectric Nanogenerators for Self-Powered Devices. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 2566-2575	9.5	14

163	Efficient Construction of SiO <sub>2</sub> Colloidal Nanoparticle Clusters as Novel Fillers by a Spray-Drying Process for Dental Composites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 18178-18186	3.9	13
162	Facile and Green Strategy for Designing Ultralight, Flexible, and Multifunctional PVA Nanofiber-Based Aerogels. <i>Advanced Sustainable Systems</i> , <b>2020</b> , 4, 1900141	5.9	13
161	Rapid metal-free synthesis of pyridyl-functionalized conjugated microporous polymers for visible-light-driven water splitting. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 3393-3397	4.9	13
160	Surface modification of urchin-like serried hydroxyapatite with sol-gel method and its application in dental composites. <i>Composites Part B: Engineering</i> , <b>2020</b> , 182, 107621	10	13
159	A novel leaf inspired hydrogel film based on fiber reinforcement as rapid steam sensor. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122948	14.7	13
158	One Responsive Stone, Three Birds: Mn(III)-Hemoporphin Frameworks with Glutathione-Enhanced Degradation, MRI, and Sonodynamic Therapy. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001463	10.1	13
157	Fabrication and gas sensing behavior of poly(3,4-ethylenedioxythiophene) coated polypropylene fiber with engineered interface. <i>Reactive and Functional Polymers</i> , <b>2017</b> , 112, 74-80	4.6	12
156	Mixed-flow design for microfluidic printing of two-component polymer semiconductor systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 17551-17557	11.5	12
155	In-Fiber Structured Particles and Filament Arrays from the Perspective of Fluid Instabilities. <i>Advanced Fiber Materials</i> , <b>2020</b> , 2, 1-12	10.9	12
154	Morphology and properties of renewable poly(3-hydroxybutyrate-co-3-hydroxyvalerate) blends with thermoplastic polyurethane. <i>Polymer Engineering and Science</i> , <b>2014</b> , 54, 1113-1119	2.3	12
153	Hydrogen bonding effect on micellization and morphological transformations of the polystyrene-block-poly(ethylene oxide) micelles. <i>Soft Matter</i> , <b>2012</b> , 8, 10307	3.6	12
152	Novel flexible broadband microwave absorptive fabrics coated with graphite nanosheets/polyurethane nanocomposites. <i>Progress in Natural Science: Materials International</i> , <b>2012</b> , 22, 288-294	3.6	12
151	Self-Perpetuating Carbon Foam Microwave Plasma Conversion of Hydrocarbon Wastes into Useful Fuels and Chemicals. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 6239-6247	10.3	12
150	Ultralow Resistance Two-Stage Electrostatically Assisted Air Filtration by Polydopamine Coated PET Coarse Filter. <i>Small</i> , <b>2021</b> , 17, e2102051	11	12
149	Fiber engineering of silica-based aerogels with surface specificity and regenerability for continuous removal of dye pollutants from wastewaters. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 314, 110874	5.3	12
148	Shape-stabilized phase change materials with high phase change enthalpy based on synthetic comb-like poly(acrylonitrile-co-ethylene glycol) for thermal management. <i>Science China Chemistry</i> , <b>2017</b> , 60, 1450-1457	7.9	11
147	In situ growth of Au nanoparticles on natural melanin as biocompatible and multifunctional nanoagent for efficient tumor theranostics. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 133-142	7.3	11
146	Structural control of silica aerogel fibers for methylene blue removal. <i>Science China Technological Sciences</i> , <b>2019</b> , 62, 958-964	3.5	11

145	Thermal and anti-dripping properties of irradiated PA6 fiber with the presence of sensitizers. <i>Materials Letters</i> , <b>2013</b> , 99, 28-30	3.3	11
144	Synthesis and Characterization of Comb-like P(MPEGA-co-AM) Copolymer as Phase Change Materials. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2247-2251	4.9	11
143	Organic/Inorganic Hybrid Fibers: Controllable Architectures for Electrochemical Energy Applications. <i>Advanced Science</i> , <b>2021</b> , 8, e2102859	13.6	11
142	Effective and biocompatible antibacterial surfaces via facile synthesis and surface modification of peptide polymers. <i>Bioactive Materials</i> , <b>2021</b> , 6, 4531-4541	16.7	11
141	How does the interplay between bromine substitution at bay area and bulky substituents at imide position influence the photophysical properties of perylene diimides?. <i>RSC Advances</i> , <b>2017</b> , 7, 16155-16162	3.7	10
140	Effects of electron-beam irradiation crosslinking on PA6 fibers. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 525-529	2	10
139	Evolution of concentric spherulites in crystalline-crystalline poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-b-poly(ethylene glycol) copolymers. <i>European Polymer Journal</i> , <b>2013</b> , 49, 3937-3946	5.2	10
138	Natural polyphenol tannic acid reinforced poly(3-hydroxybutyrate-co-3-hydroxyvalerate) composite films with enhanced tensile strength and fracture toughness. <i>Polymer Composites</i> , <b>2015</b> , 36, 2303-2308	3	10
137	Novel poly(fluorinated imide)s containing naphthalene pendant group: synthesis and characterization. <i>Colloid and Polymer Science</i> , <b>2009</b> , 287, 1331-1337	2.4	10
136	The non-uniform phase structure in blend fiber. II. The migration phenomenon in melt spinning. <i>Fibers and Polymers</i> , <b>2010</b> , 11, 625-631	2	10
135	A New Nano-Structured Flame-Retardant Poly(ethylene terephthalate). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2006</b> , 43, 1867-1875	2.2	10
134	Crystallization behavior and thermal properties of blends of poly(3-hydroxybutyrate-co-3-valerate) and poly(1,2-propanediolcarbonate). <i>Macromolecular Symposia</i> , <b>2004</b> , 210, 241-250	0.8	10
133	Facile Synthesis of High Molecular Weight Polypeptides via Fast and Moisture Insensitive Polymerization of Amino Acid N-Carboxyanhydrides. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2020</b> , 38, 1131-1140	3.5	10
132	Biomedical electronics powered by solar cells. <i>Current Opinion in Biomedical Engineering</i> , <b>2020</b> , 13, 25-31	4.4	10
131	Highly efficient photovoltaic energy storage hybrid system based on ultrathin carbon electrodes designed for a portable and flexible power source. <i>Journal of Power Sources</i> , <b>2019</b> , 422, 196-207	8.9	9
130	Dental Restorative Resin Composites: Modification Technologies for the Matrix/Filler Interface. <i>Macromolecular Materials and Engineering</i> , <b>2018</b> , 303, 1800264	3.9	9
129	Studies on melt spinning of sea-island fibers. I. morphology evolution of polypropylene/polystyrene blend fibers. <i>Fibers and Polymers</i> , <b>2014</b> , 15, 1941-1949	2	9
128	Study on the matrix-fibril morphologies of polypropylene/polystyrene blends under non-isothermal uniaxial elongational flow. <i>Fibers and Polymers</i> , <b>2014</b> , 15, 744-752	2	9

127	Preparation and characterization of a prolonged and sustained drug delivery system: Linear polyacrylamide in poly(N-isopropylacrylamide)/clay hydrogels. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, E148	2.9	9
126	Noncovalent binding interactions of polyacrylamide and clay in nanocomposite hydrogels. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2011</b> , 49, 263-266	2.6	9
125	The non-uniform phase structure in blend fiber. I. Non-uniform deformation of the dispersed phase in melt spinning. <i>Fibers and Polymers</i> , <b>2010</b> , 11, 249-257	2	9
124	Blends of polypropylene and modified polystyrene for dyeable fibers. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 96, 2360-2366	2.9	9
123	Enhancing the Electrochemical Performance of Sodium-Ion Batteries by Building Optimized NiS/NiSe Heterostructures. <i>Small</i> , <b>2021</b> , 17, e2104186	11	9
122	Melt Spinning of Low-Cost Activated Carbon Fiber with a Tunable Pore Structure for High-Performance Flexible Supercapacitors. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 9360-9368	6.1	9
121	Novel block glycopolymers prepared as delivery nanocarriers for controlled release of bortezomib. <i>Colloid and Polymer Science</i> , <b>2018</b> , 296, 1827-1839	2.4	9
120	Vertically symmetrical evaporator based on photothermal fabrics for efficient continuous desalination through inversion strategy. <i>Desalination</i> , <b>2021</b> , 509, 115072	10.3	9
119	The Stabilization Effect of Backdonation Ligands on the Catalytic Reactivities of Amido-Ene(amido) Iron Catalysts in the Asymmetric Transfer Hydrogenation of Ketones. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 3103-3110	2.3	8
118	Highly Conductive Nanocomposite Enabled by an Accordion-like Graphene Network for Flexible Heating Films and Supercapacitors. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 4781-4787	5.6	8
117	Particular thermal properties of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) oligomers. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	8
116	Preparation and Property of Poly(N-isopropylacrylamide) (PNIPAAm)/Clay/Linear Polyacrylamide (PAAm) Nanocomposite Hydrogels. <i>Journal of Macromolecular Science - Physics</i> , <b>2010</b> , 49, 843-853	1.4	8
115	Kinetics of the thermal degradation of hyperbranched poly(phenylene sulfide). <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 111, 1900-1904	2.9	8
114	Soluble poly(aryl ether)s containing naphthalene pendant group: synthesis, characterization and electrospinning. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 907-914	2.4	8
113	Novel photoluminescence poly(fluorinated imide)s electrospun fibers with blue, olive green and red fluorescence. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 1471-1477	2.4	8
112	The variation of fibrils number in the sea-island fiber -low density polyethylene/polyamide 6-. <i>Fibers and Polymers</i> , <b>2010</b> , 11, 494-499	2	8
111	The Effect of Hydrotalcite and Zinc Oxide on Smoke Suppression of Commercial Rigid PVC. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2006</b> , 43, 1807-1814	2.2	8
110	NIR-laser-triggered smart full-polymer nanogels for synergic photothermal-/chemo-therapy of tumors. <i>RSC Advances</i> , <b>2016</b> , 6, 90111-90119	3.7	8

109	Optoelectronic functional fibers: materials, fabrication, and application for smart textiles. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 439-455	7.1	8
108	Heterogeneous structured tough conductive gel fibres for stable and high-performance wearable strain sensors. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 12265-12275	13	8
107	A 3D Printable Thermal Energy Storage Crystalline Gel Using Mask-Projection Stereolithography. <i>Polymers</i> , <b>2018</b> , 10,	4.5	8
106	Concentration-dependent self-assembly structures of an amphiphilic perylene diimide with tri(ethylene glycol) substituents at bay positions. <i>RSC Advances</i> , <b>2017</b> , 7, 26074-26081	3.7	7
105	Morphology transformation of polystyrene-block-poly(ethylene oxide) vesicle on surface. <i>Polymer</i> , <b>2013</b> , 54, 3709-3715	3.9	7
104	Polypropylene Nanocomposites Based on Synthetic Organic-Soluble Ag Nanocrystals with Prominent Nucleating Effect: Quiescent Crystallization and Melting Behavior. <i>Journal of Macromolecular Science - Physics</i> , <b>2012</b> , 51, 2505-2518	1.4	7
103	Fabricating novel thermal crosslinked ultrafine fibers via electrospinning. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 2142-2149	2.9	7
102	Enhanced photo-stability polyphenylene sulfide fiber via incorporation of multi-walled carbon nanotubes using exciton quenching. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 129, 105716	8.4	7
101	Activated Carbon Nanotube Fiber Fabric as a High-Performance Flexible Electrode for Solid-State Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 28433-28441	9.5	7
100	High thermal stability Cu O@OZrP micro-nano hybrids for melt-spun excellent antibacterial activity polyester fibers. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 81, 58-66	9.1	7
99	A baicalin-loaded coaxial nanofiber scaffold regulated inflammation and osteoclast differentiation for vascularized bone regeneration. <i>Bioactive Materials</i> , <b>2022</b> , 8, 559-572	16.7	7
98	Ultrahigh line-capacity and flexible graphene/carbon nanotube/tin oxide fibers as sodium ion battery anodes. <i>Energy Storage Materials</i> , <b>2022</b> , 48, 35-43	19.4	7
97	Spider Silk-Inspired Artificial Fibers.. <i>Advanced Science</i> , <b>2021</b> , e2103965	13.6	7
96	Investigation of pH-responsive block glycopolymers with different structures for the delivery of doxorubicin.. <i>RSC Advances</i> , <b>2019</b> , 9, 1814-1821	3.7	6
95	Influence of amorphous alkaline lignin on the crystallization behavior and thermal properties of bacterial polyester. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	6
94	Studies on melt spinning of sea-island fibers. II. Dynamics of melt spinning of polypropylene/polystyrene blend fibers. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 449-462	2	6
93	Kraft lignin-based piezoresistive sensors: Effect of chemical structure on the microstructure of ultrathin carbon fibers. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 151, 730-739	7.9	6
92	Melt-spun industrial super-strong polycaprolactam fiber: Effects of tie-molecules and crystal transformation. <i>Composites Part B: Engineering</i> , <b>2020</b> , 185, 107772	10	6

91	Evaluation of hydrogels for soft tissue adhesives in vitro and in vivo analyses. <i>Frontiers of Materials Science</i> , <b>2018</b> , 12, 95-104	2.5	6
90	Preparation and characterization of fire resistant PLA fibers with phosphorus flame retardant. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 1098-1105	2	6
89	Nonisothermal Crystallization Kinetics of Poly( $\epsilon$ -caprolactone)/Zinc Oxide Nanocomposites with High Zinc Oxide Content. <i>Journal of Macromolecular Science - Physics</i> , <b>2011</b> , 50, 2366-2375	1.4	6
88	Mechanism of the Formation of Concentric Ring-like Patterns on PHBV Spherulites. <i>Polymer-Plastics Technology and Engineering</i> , <b>2004</b> , 43, 1-15		6
87	Tough Gel-Fibers as Strain Sensors Based on Strain-Optics Conversion Induced by Anisotropic Structural Evolution. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 9675-9687	9.6	6
86	Improving the Physical-Mechanical Property of Dental Composites by Grafting Methacrylate-Polyhedral Oligomeric Silsesquioxane onto a Filler Surface. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 1428-1437	5.5	6
85	High specific capacitance cotton fiber electrode enhanced with PPy and MXene by in situ hybrid polymerization. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 181, 1063-1071	7.9	6
84	The Crystallization, Melting Behaviors and Thermal Stability of Cross-linked Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by Octavinylolctasilsesquioxane. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2018</b> , 36, 1353-1360	3.5	6
83	Supertough spontaneously self-healing polymer based on septuple dynamic bonds integrated in one chemical group. <i>Science China Chemistry</i> , <b>2022</b> , 65, 363-372	7.9	6
82	The Synthesis of Urchin-Like Serried Hydroxyapatite (USHA) and its Reinforcing Effect for Dental Resin Composites. <i>Macromolecular Materials and Engineering</i> , <b>2019</b> , 304, 1800738	3.9	5
81	The Synergistic Effect of Organic Phosphorous/Zirconium Phosphate on Flame-Retardant Poly(lactic acid) Fiber. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 812-820	2	5
80	Fiber forming mechanism and reaction kinetics of novel dynamic-crosslinking-spinning for Poly(ethylene glycol) diacrylate fiber fabrication. <i>Polymer</i> , <b>2019</b> , 183, 121903	3.9	5
79	A Facile Approach to Fabrication of Novel Magnetic Hydrogels Crosslinked by Multi-Functional Pomegranate-Like Nanospheres. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 112	1.2	5
78	One-pot preparation of poly(styrene-co-divinylbenzene)/silver nanoparticles composite microspheres with tunable porosity and their catalytic degradation of methylene blue in aqueous solution. <i>RSC Advances</i> , <b>2017</b> , 7, 50176-50187	3.7	5
77	Adsorption of Cd <sup>2+</sup> and Cu <sup>2+</sup> by Oxidized Cellulose from TEMPO-mediated Selective Oxidation of Alkaline Natural Cellulose Pulp. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2006</b> , 43, 1895-1906	2.2	5
76	Ligament-Inspired Tough and Anisotropic Fibrous Gel Belt with Programed Shape Deformations Dynamic Stretching. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 19291-19300	9.5	5
75	Synthesis and Characterization of Methacrylate-Functionalized Betulin Derivatives as Antibacterial Comonomer for Dental Restorative Resins. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 3132-3140	5.5	5
74	Evaluation of a novel tilapia-skin acellular dermis matrix rationally processed for enhanced wound healing. <i>Materials Science and Engineering C</i> , <b>2021</b> , 127, 112202	8.3	5



73	Reusable Polyacrylonitrile-Sulfur Extractor of Heavy Metal Ions from Wastewater. <i>Advanced Functional Materials</i> , 2105845	15.6	5
72	3D-printed hydroxyapatite microspheres reinforced PLGA scaffolds for bone regeneration.. <i>Materials Science and Engineering C</i> , 2021, 112618	8.3	5
71	Crystal Transition Behavior and Thermal Properties of Thermal-Energy-Storage Copolymer Materials with an -Behenyl Side-Chain. <i>Polymers</i> , 2019, 11,	4.5	4
70	Perylene diimide derivative via ionic self-assembly: helical supramolecular structure and selective detection of ATP. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10422-10430	7.1	4
69	A sinusoidal alternating output of a triboelectric nanogenerator array with asymmetric-layer-based units. <i>Nanoscale</i> , 2018, 10, 13730-13736	7.7	4
68	Preparation of silver nanoparticles with hydrophobic surface and their polyester based nanocomposite fibres with excellent antibacterial properties. <i>Materials Research Innovations</i> , 2014, 18, S4-869-S4-874	1.9	4
67	Photoluminescence electrospun membranes of poly(aryl ether)s with hydrophobicity. <i>Fibers and Polymers</i> , 2013, 14, 693-697	2	4
66	Self-Assembly of Functionalized Gold Nanoparticles with Rigid and Flexible Multifunctional Linkers. <i>Journal of Macromolecular Science - Physics</i> , 2006, 45, 549-555	1.4	4
65	In-Situ Formation of BHET/Titanium Compound Nanocomposite and its Catalysis for Polyester. <i>Macromolecular Symposia</i> , 2007, 254, 173-179	0.8	4
64	Flexible Ceramic Fibers: Recent Development in Preparation and Application.. <i>Advanced Fiber Materials</i> , 2022, 1-31	10.9	4
63	Transforming a Sword into a Knife: Persistent Phototoxicity Inhibition and Alternative Therapeutical Activation of Highly-Photosensitive Phytochlorin. <i>ACS Nano</i> , 2021,	16.7	4
62	Surface Modification of ZrO Nanoparticles and Its Effects on the Properties of Dental Resin Composites.. <i>ACS Applied Bio Materials</i> , 2020, 3, 5300-5309	4.1	4
61	Size-controllable synthesis of dendritic porous silica as reinforcing fillers for dental composites. <i>Dental Materials</i> , 2021, 37, 961-971	5.7	4
60	Core-shell structured SiO@ZrO@SiO filler for radiopacity and ultra-low shrinkage dental composite resins. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 121, 104593	4.1	4
59	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021.. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 275	4.2	4
58	Protein-Like Nanogel for Spinning Hierarchically Structured Artificial Spider Silk.. <i>Advanced Materials</i> , 2022, e2201843	24	4
57	Dental Resin Composites Reinforced by Rough Core-Shell SiO Nanoparticles with a Controllable Mesoporous Structure.. <i>ACS Applied Bio Materials</i> , 2019, 2, 4233-4241	4.1	3
56	Discovery of selection-driven genetic differences of Duroc, Landrace, and Yorkshire pig breeds by EigenGWAS and F analyses. <i>Animal Genetics</i> , 2020, 51, 531-540	2.5	3

55	High-Performance Transparent Laminates Based on Highly Oriented Polyethylene Films. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 2458-2468	4.3	3
54	Wrinkle-free finishing of cotton fabrics based on click chemistry via ultraviolet radiation. <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 1536-1542	1.5	3
53	Novel Interpenetrating Networks (IPNs) Hydrogels Prepared In Situ by Liquid-Phase Photopolymerization. <i>Macromolecular Symposia</i> , <b>2008</b> , 264, 95-99	0.8	3
52	Biomass-Derived, Highly Conductive Aqueous Inks for Superior Electromagnetic Interference Shielding, Joule Heating, and Strain Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 57930-57942	9.5	3
51	Tumor Therapy: NIR-Laser-Switched In Vivo Smart Nanocapsules for Synergic Photothermal and Chemotherapy of Tumors (Adv. Mater. 2/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 206-206	24	3
50	Continuous High-Aligned Polyacrylonitrile Electrospun Nanofibers Yarns via Circular Deposition on Water Bath. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 5633-8	1.3	3
49	Heat induction in two-dimensional graphene-FeO nanohybrids for magnetic hyperthermia applications with artificial neural network modeling.. <i>RSC Advances</i> , <b>2021</b> , 11, 21702-21715	3.7	3
48	Host-guest chemistry of giant molecular shape amphiphiles based on POSS-PDI conjugates. <i>Nanoscale</i> , <b>2021</b> , 13, 4295-4300	7.7	3
47	Molecular Weight Discrete Distribution-Induced Orientation of High-Strength Copolyamide Fibers: Effects of Component Proportion and Molecular Weight. <i>Macromolecules</i> , <b>2021</b> , 54, 7529-7539	5.5	3
46	Molecular Motions in Polymer Matrix for Microenvironment Sensing. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 90-99	2.2	3
45	A cascaded enzyme-loaded Fe-hemoporphin framework for synergistic sonodynamic-starvation therapy of tumors. <i>Nanoscale</i> , <b>2021</b> , 13, 5910-5920	7.7	3
44	3D-Printed Strong Dental Crown with Multi-Scale Ordered Architecture, High-Precision, and Bioactivity.. <i>Advanced Science</i> , <b>2021</b> , e2104001	13.6	3
43	Photoluminescence emission of a stable and well-dispersed unsaturated polyester-co-rare-earth complex. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134, 45253	2.9	2
42	Synthesis, Self-Assembly and Characterization of Tandem Triblock BPOSS-PDI-X Shape Amphiphiles. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
41	Diastereoselective Synthesis of P-Chirogenic and Atropisomeric 2,2'-Bisphosphino-1,1'-binaphthyls Enabled by Internal Phosphine Oxide Directing Groups. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8153-8159	16.4	2
40	Quantum Dots Bioconjugates <b>2014</b> , 315-326		2
39	Swelling behavior of poly(acrylamide)/clay nanocomposite hydrogels in acrylamide aqueous solution. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 112, 353-358	2.9	2
38	Effectiveness and Mechanism of the Ene(amido) Group in Activating Iron for the Catalytic Asymmetric Transfer Hydrogenation of Ketones. <i>Organometallics</i> , <b>2021</b> , 40, 134-147	3.8	2

37	Conformation Variation Induced Crystallization Enhancement of Poly(l-lactic acid) by Gluconic Derivatives. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 653-660	3.5	2
36	Thermal Stability of Bio-Based Aliphatic-Semiaromatic Copolyester for Melt-Spun Fibers with Excellent Mechanical Properties. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000498	4.8	2
35	The morphologies and fluorescence quantum yields of perylene diimide dye-doped PS and PHVB microspheres.. <i>RSC Advances</i> , <b>2018</b> , 8, 35534-35538	3.7	2
34	Water Splitting: Cobalt Nanocrystals Encapsulated in Heteroatom-Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution (Small 42/2018). <i>Small</i> , <b>2018</b> , 14, 1870193	11	2
33	SnO <sub>2</sub> confining growth in layered graphene fibers toward superb volumetric lithium storage and flexibility. <i>Applied Surface Science</i> , <b>2021</b> , 555, 149719	6.7	2
32	A General Strategy for Efficiently Constructing Multifunctional Cluster Fillers Using a Three-Fluid Nozzle Spray Drying Technique for Dental Restoration. <i>Engineering</i> , <b>2021</b> ,	9.7	2
31	Conformally anchoring nanocatalyst onto quartz fibers enables versatile microreactor platforms for continuous-flow catalysis. <i>Science China Chemistry</i> , <b>2021</b> , 64, 1596-1604	7.9	2
30	Scalable carbon black deposited fabric/hydrogel composites for affordable solar-driven water purification. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 106, 10-10	9.1	2
29	Organic/Inorganic Hybrid Conductive Network to Enhance the Electrical Conductivity of Graphene-Hybridized Polymeric Fibers. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 2049-2058	9.6	2
28	Skeletal Muscle Fibers Inspired Polymeric Actuator by Assembly of Triblock Polymers.. <i>Advanced Science</i> , <b>2022</b> , e2105764	13.6	2
27	On-demand assembly of polymeric nanoparticles for longer-blood-circulation and disassembly in tumor for boosting sonodynamic therapy.. <i>Bioactive Materials</i> , <b>2022</b> , 18, 242-253	16.7	2
26	Red Phosphorus Anchored on Nitrogen-Doped Carbon Bubble-Carbon Nanotube Network for Highly Stable and Fast-Charging Lithium-Ion Batteries. <i>Small</i> , <b>2021</b> , e2105866	11	2
25	Reactive bay functionalized perylene monoimide-polyhedral oligomeric silsesquioxane organic electronic dye. <i>Materials Science-Poland</i> , <b>2015</b> , 33, 113-121	0.6	1
24	Self-Organized Nanocomposite of Gold Nanoparticles and $\pi$ -Electron Organic Molecules. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2006</b> , 43, 1801-1805	2.2	1
23	Self-assembly of Functionalized Gold Nanoparticles with Rigid and Flexible Multifunctional Linkers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2006</b> , 43, 1733-1739	2.2	1
22	One-Dimensional Magnetic Composite of Polypyrrole-Containing Carbon Nanotubes/Ni <sub>0.75</sub> Zn <sub>0.25</sub> Fe <sub>2</sub> O <sub>4</sub> . <i>Journal of Macromolecular Science - Physics</i> , <b>2006</b> , 45, 541-547	1.4	1
21	Frontispiece: Diastereoselective Synthesis of P-Chirogenic and Atropisomeric 2,2'-Bisphosphino-1,1'-binaphthyls Enabled by Internal Phosphine Oxide Directing Groups. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59,	16.4	1
20	Flame retardance enhancement of polyacrylonitrile with dimethyl vinylphosphonate. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50718	2.9	1

19	Synergistic Effects of Solvent Vapor Assisted Spin-coating and Thermal Annealing on Enhancing the Carrier Mobility of Poly(3-hexylthiophene) Field-effect Transistors. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2021</b> , 39, 849	3.5	1
18	Lithium-Ion Batteries: Ionic Liquid-Assisted Synthesis of TiO <sub>2</sub> /Carbon Hybrid Nanostructures for Lithium-Ion Batteries (Adv. Funct. Mater. 9/2016). <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1487-1487	15.6	1
17	Enabling topical and long-term anti-radical properties for percutaneous coronary intervention-related complications by incorporating TEMPOL into electrospun nanofibers. <i>Science China Materials</i> , <b>2021</b> , 64, 769-782	7.1	1
16	Ultralow Resistance Two-Stage Electrostatically Assisted Air Filtration by Polydopamine Coated PET Coarse Filter (Small 33/2021). <i>Small</i> , <b>2021</b> , 17, 2170172	11	1
15	Homogeneous intercalated graphene/manganic oxide hybrid fiber electrode assembly by non-liquid-crystal spinning for wearable energy storage. <i>Journal of Materials Science and Technology</i> , <b>2022</b> , 97, 1-9	9.1	1
14	Reusable Polyacrylonitrile-Sulfur Extractor of Heavy Metal Ions from Wastewater (Adv. Funct. Mater. 51/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170381	15.6	1
13	Tough, conductive hydrogels with double-network based on hydrophilic polymer assistant well-dispersed carbon nanotube for innovative force sensor. <i>Science China Technological Sciences</i> , <b>2022</b> , 65, 1160	3.5	1
12	A Biomimetic-Mineralization-Inspired Hybrid Mesocrystal with Boosted Lithium Storage Properties. <i>ChemistrySelect</i> , <b>2020</b> , 5, 2240-2246	1.8	0
11	Fibers to power the future. <i>Joule</i> , <b>2021</b> , 5, 2764-2765	27.8	0
10	Incorporating polyacrylamide-functionalized graphene nano-additive enables pilot-scale preparation of mechanically reinforced viscose staple fiber. <i>Materials and Design</i> , <b>2021</b> , 202, 109587	8.1	0
9	Synthesis of Fluorinated Urchin-like Serried Hydroxyapatite with Improved Water Sorption-Solubility and Bioactivity for Dental Composites. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 1092	2.2	0
8	Fibrous Aerogels for Solar Vapor Generation.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 843070	5	0
7	Solvation Effects on the Thermal Helix Inversion of Molecular Motors from QM/MM Calculations. <i>Chemistry</i> , <b>2022</b> , 4, 185-195	2.1	0
6	Porous fibers of carbon decorated T-Nb <sub>2</sub> O <sub>5</sub> nanocrystal anchored on three-dimensional rGO composites combined with rGO nanosheets as an anode for high-performance flexible sodium-ion capacitors. <i>Electrochimica Acta</i> , <b>2022</b> , 411, 140070	6.7	0
5	Cryogenic-environment resistant, highly elastic hybrid carbon foams for pressure sensing and electromagnetic interference shielding. <i>Carbon</i> , <b>2022</b> , 193, 258-271	10.4	0
4	Diastereoselective Synthesis of P-Chirogenic and Atropisomeric 2,2'-Bisphosphino-1,1'-binaphthyls Enabled by Internal Phosphine Oxide Directing Groups. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8230-8236	3.6	
3	Research Progress in Biomimetic Materials for Human Dental Caries Restoration <b>2018</b> , 351-363		
2	Design of resin composites with enhanced physical/mechanical properties. <i>Materials Research Innovations</i> , <b>2014</b> , 18, S4-812-S4-816	1.9	

- 1      Metafabric that can cool the human body.. *National Science Review*, **2021**, 8, nwab176 10.8