Tianxi Liu

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464 papers	22,121 citations	82 h-index	125 g-index
492 ext. papers	25,922 ext. citations	7.4 avg, IF	7.4 L-index

#	Paper	IF	Citations
464	Morphology and Mechanical Properties of Multiwalled Carbon Nanotubes Reinforced Nylon-6 Composites. *Macromolecules*, **2004**, 37, 7214-7222	5.5	699
463	Nonisothermal melt and cold crystallization kinetics of poly(aryl ether ether ketone ketone). *Polymer Engineering and Science*, **1997**, 37, 568-575	2.3	690
462	Carbon Nanotubes Reinforced Nylon-6 Composite Prepared by Simple Melt-Compounding. *Macromolecules*, **2004**, 37, 256-259	5.5	415
461	Biopolymer chitosan/montmorillonite nanocomposites: Preparation and characterization. *Polymer Degradation and Stability*, **2005**, 90, 123-131	4.7	378
460	Electrospun polyimide nanofiber-based nonwoven separators for lithium-ion batteries. *Journal of Power Sources*, **2013**, 226, 82-86	8.9	316
459	Biomass-Derived Nitrogen-Doped Carbon Nanofiber Network: A Facile Template for Decoration of Ultrathin Nickel-Cobalt Layered Double Hydroxide Nanosheets as High-Performance Asymmetric Supercapacitor Electrode. *Small*, **2016**, 12, 3235-44	11	312
458	Graphene-wrapped polyaniline hollow spheres as novel hybrid electrode materials for supercapacitor applications. *ACS Applied Materials & Interfaces*, **2013**, 5, 3382-91	9.5	288
457	Graphene Oxide-Assisted Dispersion of Pristine Multiwalled Carbon Nanotubes in Aqueous Media. *Journal of Physical Chemistry C*, **2010**, 114, 11435-11440	3.8	272
456	High-performance supercapacitors based on hollow polyaniline nanofibers by electrospinning. *ACS Applied Materials & Interfaces*, **2013**, 5, 4423-8	9.5	212
455	Hybridization of graphene sheets and carbon-coated Fe3O4 nanoparticles as a synergistic adsorbent of organic dyes. *Journal of Materials Chemistry*, **2012**, 22, 25108		195
454	Synthesis of Fe nanoparticles@graphene composites for environmental applications. *Journal of Hazardous Materials*, **2012**, 225-226, 63-73	12.8	188
453	In situ thermal preparation of polyimide nanocomposite films containing functionalized graphene sheets. *ACS Applied Materials & Interfaces*, **2010**, 2, 3702-8	9.5	188
452	Polydopamine-coated electrospun poly(vinyl alcohol)/poly(acrylic acid) membranes as efficient dye adsorbent with good recyclability. *Journal of Hazardous Materials*, **2015**, 283, 730-9	12.8	180
451	Carbon nanotubes bridged with graphene nanoribbons and their use in high-efficiency dye-sensitized solar cells. *Angewandte Chemie - International Edition*, **2013**, 52, 3996-9	16.4	177
450	Facile fabrication of functionalized graphene sheets (FGS)/ZnO nanocomposites with photocatalytic property. *ACS Applied Materials & Interfaces*, **2011**, 3, 2779-85	9.5	172
449	Preparation and characterization of nylon 11/organoclay nanocomposites. *Polymer*, **2003**, 44, 3529-3535	3.9	172
448	Immobilization of Co-Al layered double hydroxides on graphene oxide nanosheets: growth mechanism and supercapacitor studies. *ACS Applied Materials & Interfaces*, **2012**, 4, 2242-9	9.5	171

447	Thermal degradation behavior of polyamide 6/clay nanocomposites. *Polymer Degradation and Stability*, **2003**, 81, 47-56	4.7	171
446	Graphene oxide and shape-controlled silver nanoparticle hybrids for ultrasensitive single-particle surface-enhanced Raman scattering (SERS) sensing. *Nanoscale*, **2014**, 6, 4843-51	7.7	170
445	Formation of Ordered Nanostructures in Epoxy Thermosets: A Mechanism of Reaction-Induced Microphase Separation. *Macromolecules*, **2006**, 39, 5072-5080	5.5	170
444	One-step synthesis of graphene nanoribbon-MnO hybrids and their all-solid-state asymmetric supercapacitors. *Nanoscale*, **2014**, 6, 4233-42	7.7	166
443	Hierarchical composites of polyaniline-graphene nanoribbons-carbon nanotubes as electrode materials in all-solid-state supercapacitors. *Nanoscale*, **2013**, 5, 7312-20	7.7	161
442	Growth of Carbon Nanotubes on Clay: Unique Nanostructured Filler for High-Performance Polymer Nanocomposites. *Advanced Materials*, **2006**, 18, 73-77	24	157
441	Facile preparation of water-dispersible graphene sheets stabilized by acid-treated multi-walled carbon nanotubes and their poly(vinyl alcohol) composites. *Journal of Materials Chemistry*, **2012**, 22, 2427-2434	156	
440	Morphology, thermal and mechanical behavior of polyamide 6/layered-silicate nanocomposites. *Composites Science and Technology*, **2003**, 63, 331-337	8.6	156
439	Electrospun porous carbon nanofiber@MoS2 core/sheath fiber membranes as highly flexible and binder-free anodes for lithium-ion batteries. *Nanoscale*, **2015**, 7, 11093-101	7.7	155
438	Cobalt nanoparticle-embedded nitrogen-doped carbon/carbon nanotube frameworks derived from a metal organic framework for tri-functional ORR, OER and HER electrocatalysis. *Journal of Materials Chemistry A*, **2019**, 7, 3664-3672	13	154
437	Nanoindentation and morphological studies on nylon 66 nanocomposites. I. Effect of clay loading. *Polymer*, **2004**, 45, 3341-3349	3.9	154
436	Conductive carbon nanofiber interpenetrated graphene architecture for ultra-stable sodium ion battery. *Nature Communications*, **2019**, 10, 3917	17.4	148
435	Crystallization behavior of poly(caprolactone)/layered double hydroxide nanocomposites. *Journal of Applied Polymer Science*, **2010**, 116, NA-NA	2.9	148
434	Electrospun carbon nanofibers decorated with Ag-Pt bimetallic nanoparticles for selective detection of dopamine. *ACS Applied Materials & Interfaces*, **2014**, 6, 12449-56	9.5	145
433	A CNT@MoSe2 hybrid catalyst for efficient and stable hydrogen evolution. *Nanoscale*, **2015**, 7, 18595-602	7.7	140
432	Nitrogen-doped graphene hollow nanospheres as novel electrode materials for supercapacitor applications. *Journal of Power Sources*, **2013**, 243, 973-981	8.9	140
431	Morphology and fracture behavior of intercalated epoxy/clay nanocomposites. *Journal of Applied Polymer Science*, **2004**, 94, 1236-1244	2.9	139
430	Nitrogen-doped graphene nanoribbons as efficient metal-free electrocatalysts for oxygen reduction. *ACS Applied Materials & Interfaces*, **2014**, 6, 4214-22	9.5	138

429	Fabrication and characterization of graphene oxide/zinc oxide nanorods hybrid. *Applied Surface Science*, **2011**, 257, 8950-8954	6.7	136
428	Multiple melting behavior in isothermally cold-crystallized isotactic polystyrene. *Polymer*, **2001**, 42, 6453-6461	3.9	133
427	Flexible Hybrid Membranes with Ni(OH)2 Nanoplatelets Vertically Grown on Electrospun Carbon Nanofibers for High-Performance Supercapacitors. *ACS Applied Materials & Interfaces*, **2015**, 7, 22669-77	9.5	132
426	Synthesis of few-layered MoS_2 nanosheet-coated electrospun SnO_2 nanotube heterostructures for enhanced hydrogen evolution reaction. *Nanoscale*, **2014**, 6, 10673-9	7.7	132
425	Electrospinning of polyvinylidene difluoride with carbon nanotubes: synergistic effects of extensional force and interfacial interaction on crystalline structures. *Langmuir*, **2008**, 24, 13621-6	4	132
424	Nonisothermal crystallization behavior of a novel poly(aryl ether ketone): PEDEKmK. *Journal of Applied Polymer Science*, **1998**, 67, 815-821	2.9	129
423	Crystal transformation and thermomechanical properties of poly(vinylidene fluoride)/clay nanocomposites. *Polymer International*, **2005**, 54, 226-232	3.3	129
422	Electrospinning fabrication of high strength and toughness polyimide nanofiber membranes containing multiwalled carbon nanotubes. *Journal of Physical Chemistry B*, **2009**, 113, 9741-8	3.4	128
421	A hybrid carbon aerogel with both aligned and interconnected pores as interlayer for high-performance lithium–sulfur batteries. *Nano Research*, **2016**, 9, 3735-3746	10	127
420	Conducting polymer composites: material synthesis and applications in electrochemical capacitive energy storage. *Materials Chemistry Frontiers*, **2017**, 1, 251-268	7.8	122
419	Polymer/Carbon-Based Hybrid Aerogels: Preparation, Properties and Applications. *Materials*, **2015**, 8, 6806-6848	3.5	120
418	Water dispersible graphene noncovalently functionalized with tryptophan and its poly(vinyl alcohol) nanocomposite. *Composites Part B: Engineering*, **2011**, 42, 2130-2135	10	117
417	Exfoliated MoS2 nanosheets as efficient catalysts for electrochemical hydrogen evolution. *Electrochimica Acta*, **2013**, 109, 269-275	6.7	113
416	Ni-doped graphene/carbon cryogels and their applications as versatile sorbents for water purification. *ACS Applied Materials & Interfaces*, **2013**, 5, 7584-91	9.5	111
415	Electrically Conductive Poly(vinyl alcohol) Hybrid Films Containing Graphene and Layered Double Hydroxide Fabricated via Layer-by-Layer Self-Assembly. *ACS Applied Materials & Interfaces*, **2010**, 2, 2005-2011	9.5	111
414	A novel hydrogen peroxide sensor based on Ag/SnO2 composite nanotubes by electrospinning. *Electrochimica Acta*, **2013**, 99, 117-123	6.7	109
413	Self-Templated Growth of Vertically Aligned 2H-1T MoS for Efficient Electrocatalytic Hydrogen Evolution. *ACS Applied Materials & Interfaces*, **2016**, 8, 31702-31708	9.5	108
412	Crystallization and melting behavior of multi-walled carbon nanotube-reinforced nylon-6 composites. *Polymer International*, **2006**, 55, 71-79	3.3	108

411	Hierarchical ZnCo2 O4 @NiCo2 O4 Core-Sheath Nanowires: Bifunctionality towards High-Performance Supercapacitors and the Oxygen-Reduction Reaction. *Chemistry - A European Journal*, **2015**, 21, 10100-8	4.8	107
410	Preparation and characterization of carbon nanotube/polyetherimide nanocomposite films. *Composites Science and Technology*, **2007**, 67, 406-412	8.6	106
409	Extraordinary rate capability achieved by a 3D "skeleton/skin" carbon aerogel-polyaniline hybrid with vertically aligned pores. *Chemical Communications*, **2017**, 53, 2810-2813	5.8	105
408	Highly sensitive nonenzymatic glucose and H2O2 sensor based on Ni(OH)2/electroreduced graphene oxide--multiwalled carbon nanotube film modified glass carbon electrode. *Talanta*, **2014**, 120, 484-90	6.2	105
407	Morphology, thermal and mechanical properties of nylon 12/organoclay nanocomposites prepared by melt compounding. *Polymer International*, **2005**, 54, 456-464	3.3	105
406	Melt rheological properties of nylon 6/multi-walled carbon nanotube composites. *Composites Science and Technology*, **2008**, 68, 2498-2502	8.6	104
405	Graphene/montmorillonite hybrid synergistically reinforced polyimide composite aerogels with enhanced flame-retardant performance. *Composites Science and Technology*, **2017**, 139, 57-63	8.6	102
404	Optimization of opto-electronic property and device efficiency of polyfluorenes by tuning structure and morphology. *Polymer International*, **2006**, 55, 473-490	3.3	100
403	One-step preparation of hierarchical superparamagnetic iron oxide/graphene composites via hydrothermal method. *Applied Surface Science*, **2011**, 258, 1132-1138	6.7	99
402	Magnetic nanomaterial derived from graphene oxide/layered double hydroxide hybrid for efficient removal of methyl orange from aqueous solution. *Journal of Colloid and Interface Science*, **2013**, 408, 25-32	9.3	98
401	Cryopolymerization enables anisotropic polyaniline hybrid hydrogels with superelasticity and highly deformation-tolerant electrochemical energy storage. *Nature Communications*, **2020**, 11, 62	17.4	98
400	The preparation of PVDF/clay nanocomposites and the investigation of their tribological properties. *Wear*, **2009**, 266, 713-720	3.5	95
399	Ultrastrong Bioinspired Graphene-Based Fibers via Synergistic Toughening. *Advanced Materials*, **2016**, 28, 2834-9	24	92
398	Electrospun self-standing membrane of hierarchical SiO2@AlOOH (boehmite) core/sheath fibers for water remediation. *ACS Applied Materials & Interfaces*, **2012**, 4, 5353-9	9.5	92
397	Cotton Wool Derived Carbon Fiber Aerogel Supported Few-Layered MoSe2 Nanosheets As Efficient Electrocatalysts for Hydrogen Evolution. *ACS Applied Materials & Interfaces*, **2016**, 8, 7077-85	9.5	91
396	Nitrogen-Doped Carbon Nanofiber/Molybdenum Disulfide Nanocomposites Derived from Bacterial Cellulose for High-Efficiency Electrocatalytic Hydrogen Evolution Reaction. *ACS Applied Materials & Interfaces*, **2016**, 8, 3558-66	9.5	90
395	Controllable preparation of multi-dimensional hybrid materials of nickel-cobalt layered double hydroxide nanorods/nanosheets on electrospun carbon nanofibers for high-performance supercapacitors. *Electrochimica Acta*, **2015**, 174, 456-463	6.7	90
394	In-Situ Growth of Few-Layered MoS2 Nanosheets on Highly Porous Carbon Aerogel as Advanced Electrocatalysts for Hydrogen Evolution Reaction. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 3140-3148	8.3	90

393	Molybdenum Carbide Anchored on Graphene Nanoribbons as Highly Efficient All-pH Hydrogen Evolution Reaction Electrocatalyst. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 6313-6321	8.3	89
392	Perpendicularly oriented few-layer MoSe2 on SnO2 nanotubes for efficient hydrogen evolution reaction. *Journal of Materials Chemistry A*, **2015**, 3, 16263-16271	13	87
391	Polyaniline/graphene nanocomposites towards high-performance supercapacitors: A review. *Composites Communications*, **2018**, 8, 83-91	6.7	87
390	Sulfurized Polyacrylonitrile Cathodes with High Compatibility in Both Ether and Carbonate Electrolytes for Ultrastable Lithium□Sulfur Batteries. *Advanced Functional Materials*, **2019**, 29, 1902929	15.6	87
389	Nanoindentation studies on Nylon 11/clay nanocomposites. *Polymer Testing*, **2006**, 25, 492-497	4.5	86
388	Nanoindentation and morphological studies on nylon 66/organoclay nanocomposites. II. Effect of strain rate. *Polymer*, **2004**, 45, 8221-8229	3.9	86
387	Aggregation emission properties of oligomers based on tetraphenylethylene. *Journal of Physical Chemistry B*, **2010**, 114, 5983-8	3.4	85
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385	Assembling exfoliated layered double hydroxide (LDH) nanosheet/carbon nanotube (CNT) hybrids via electrostatic force and fabricating nylon nanocomposites. *Journal of Physical Chemistry B*, **2010**, 114, 16766-72	3.4	83
384	Polyfluorene-Based Light-Emitting Rod□Coil Block Copolymers. *Macromolecules*, **2005**, 38, 8494-8502	5.5	83
383	Electrically conductive polyaniline/polyimide nanofiber membranes prepared via a combination of electrospinning and subsequent in situ polymerization growth. *ACS Applied Materials & Interfaces*, **2013**, 5, 1206-12	9.5	82
382	Heterogeneous ultrathin films of poly(vinyl alcohol)/layered double hydroxide and montmorillonite nanosheets via layer-by-layer assembly. *Journal of Physical Chemistry B*, **2009**, 113, 15225-30	3.4	81
381	Graphene liquid marbles as photothermal miniature reactors for reaction kinetics modulation. *Angewandte Chemie - International Edition*, **2015**, 54, 3993-6	16.4	80
380	Dramatically enhanced mechanical performance of nylon-6 magnetic composites with nanostructured hybrid one-dimensional carbon nanotube-two-dimensional clay nanoplatelet heterostructures. *Journal of Physical Chemistry B*, **2011**, 115, 3392-9	3.4	80
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377	High performance polyimide composite films prepared by homogeneity reinforcement of electrospun nanofibers. *Composites Science and Technology*, **2011**, 71, 1556-1562	8.6	78
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375	Sulfur-Deficient Bismuth Sulfide/Nitrogen-Doped Carbon Nanofibers as Advanced Free-Standing Electrode for Asymmetric Supercapacitors. *Small*, **2018**, 14, e1801562	11	77
374	Bidirectional anisotropic polyimide/bacterial cellulose aerogels by freeze-drying for super-thermal insulation. *Chemical Engineering Journal*, **2020**, 385, 123963	14.7	77
373	Lightweight, strong, and super-thermal insulating polyimide composite aerogels under high temperature. *Composites Science and Technology*, **2019**, 173, 47-52	8.6	76
372	General solution-processed formation of porous transition-metal oxides on exfoliated molybdenum disulfides for high-performance asymmetric supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 11236-11245	13	75
371	Ultra-long-term cycling stability of an integrated carbon-sulfur membrane with dual shuttle-inhibiting layers of graphene "nets" and a porous carbon skin. *Chemical Communications*, **2018**, 54, 5090-5093	5.8	75
370	Graphene/carbon aerogels derived from graphene crosslinked polyimide as electrode materials for supercapacitors. *RSC Advances*, **2015**, 5, 1301-1308	3.7	74
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368	MoSe Nanosheet Array with Layered MoS Heterostructures for Superior Hydrogen Evolution and Lithium Storage Performance. *ACS Applied Materials & Interfaces*, **2017**, 9, 44550-44559	9.5	73
367	Oxidizing solid Co into hollow Co3O4 within electrospun (carbon) nanofibers towards enhanced lithium storage performance. *Journal of Materials Chemistry A*, **2019**, 7, 3024-3030	13	72
366	Preparation and mechanical properties of exfoliated CoAl layered double hydroxide (LDH)/polyamide 6 nanocomposites by in situ polymerization. *Composites Science and Technology*, **2009**, 69, 991-996	8.6	72
365	Plasmonic liquid marbles: a miniature substrate-less SERS platform for quantitative and multiplex ultratrace molecular detection. *Angewandte Chemie - International Edition*, **2014**, 53, 5054-8	16.4	71
364	Aqueous stabilization of graphene sheets using exfoliated montmorillonite nanoplatelets for multifunctional free-standing hybrid films via vacuum-assisted self-assembly. *Journal of Materials Chemistry*, **2011**, 21, 18011		70
363	Self-Templated Conversion of Metallogel into Heterostructured TMP@Carbon Quasiaerogels Boosting Bifunctional Electrocatalysis. *Advanced Functional Materials*, **2019**, 29, 1903660	15.6	66
362	Structural characterization, thermal and mechanical properties of polyurethane/CoAl layered double hydroxide nanocomposites prepared via in situ polymerization. *Composites Science and Technology*, **2011**, 71, 791-796	8.6	65
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358	Anisotropic conductive films based on highly aligned polyimide fibers containing hybrid materials of graphene nanoribbons and carbon nanotubes. *Nanoscale*, **2015**, 7, 1037-46	7.7	64

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355	Bacterial cellulose-based sheet-like carbon aerogels for the in situ growth of nickel sulfide as high performance electrode materials for asymmetric supercapacitors. *Nanoscale*, **2017**, 9, 4445-4455	7.7	62
354	Localized and Continuous Tuning of Monolayer MoS2 Photoluminescence Using a Single Shape-Controlled Ag Nanoantenna. *Advanced Materials*, **2016**, 28, 701-6	24	62
353	Polydopamine-derived porous carbon fiber/cobalt composites for efficient oxygen reduction reactions. *Journal of Materials Chemistry A*, **2015**, 3, 23299-23306	13	60
352	Immobilization of NiS nanoparticles on N-doped carbon fiber aerogels as advanced electrode materials for supercapacitors. *Nano Research*, **2016**, 9, 2747-2759	10	60
351	Three-Dimensional Nanoporous Graphene-Carbon Nanotube Hybrid Frameworks for Confinement of SnS2 Nanosheets: Flexible and Binder-Free Papers with Highly Reversible Lithium Storage. *ACS Applied Materials & Interfaces*, **2015**, 7, 27823-30	9.5	60
350	Flexible free-standing 3D porous N-doped graphene–carbon nanotube hybrid paper for high-performance supercapacitors. *RSC Advances*, **2015**, 5, 9228-9236	3.7	60
349	Morphology and thermal degradation behavior of highly exfoliated CoAl-layered double hydroxide/polycaprolactone nanocomposites prepared by simple solution intercalation. *Thermochimica Acta*, **2010**, 502, 1-7	2.9	60
348	Morphology, thermal, and rheological behavior of nylon 11/multi-walled carbon nanotube nanocomposites prepared by melt compounding. *Polymer Engineering and Science*, **2009**, 49, 1063-1068	2.3	59
347	Microdeformation and Fracture Mechanisms in Polyamide-6/Organoclay Nanocomposites. *Macromolecules*, **2008**, 41, 193-202	5.5	59
346	Crystallization and melting behavior of polyester/clay nanocomposites. *Polymer International*, **2004**, 53, 1282-1289	3.3	59
345	Simultaneous reinforcement and toughening of polyurethane composites with carbon nanotube/halloysite nanotube hybrids. *Composites Science and Technology*, **2014**, 91, 98-103	8.6	58
344	Catalytic liquid marbles: Ag nanowire-based miniature reactors for highly efficient degradation of methylene blue. *Chemical Communications*, **2014**, 50, 5923-6	5.8	58
343	Nanoindentation and morphological studies on injection-molded nylon-6 nanocomposites. *Polymer*, **2005**, 46, 11969-11977	3.9	58
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340	Refining Energy Levels in ReS2 Nanosheets by Low-Valent Transition-Metal Doping for Dual-Boosted Electrochemical Ammonia/Hydrogen Production. *Advanced Functional Materials*, **2020**, 30, 1907376	15.6	55

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337	Electrospun nanofiber-supported carbon aerogel as a versatile platform toward asymmetric supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 15861-15869	13	54
336	A smart pH responsive graphene/polyacrylamide complex via noncovalent interaction. *Nanotechnology*, **2010**, 21, 335701	3.4	54
335	A flexible free-standing defect-rich MoS2/graphene/carbon nanotube hybrid paper as a binder-free anode for high-performance lithium ion batteries. *RSC Advances*, **2015**, 5, 43130-43140	3.7	53
334	N Electroreduction to NH by Selenium Vacancy-Rich ReSe Catalysis at an Abrupt Interface. *Angewandte Chemie - International Edition*, **2020**, 59, 13320-13327	16.4	53
333	Electrospun fibrous membranes for efficient heavy metal removal. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	53
332	Flexible polyaniline-coated TiO/SiO nanofiber membranes with enhanced visible-light photocatalytic degradation performance. *Journal of Colloid and Interface Science*, **2014**, 424, 49-55	9.3	53
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330	Fused deposition modeling 3D printing of polyamide-based composites and its applications. *Composites Communications*, **2020**, 21, 100413	6.7	53
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328	3D porous hybrids of defect-rich MoS2/graphene nanosheets with excellent electrochemical performance as anode materials for lithium ion batteries. *RSC Advances*, **2015**, 5, 34777-34787	3.7	52
327	Multifunctional polyimide aerogel textile inspired by polar bear hair for thermoregulation in extreme environments. *Chemical Engineering Journal*, **2020**, 390, 124623	14.7	52
326	Morphology and melt rheology of nylon 11/clay nanocomposites. *Journal of Applied Polymer Science*, **2006**, 102, 542-549	2.9	52
325	Tube brush like ZnO/SiO2 hybrid to construct a flexible membrane with enhanced photocatalytic properties and recycling ability. *Journal of Materials Chemistry*, **2011**, 21, 19375		51
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323	Insights on Flexible Zinc-Ion Batteries from Lab Research to Commercialization. *Advanced Materials*, **2021**, 33, e2007548	24	50
322	Electrospun polymer nanofiber membrane electrodes and an electrolyte for highly flexible and foldable all-solid-state supercapacitors. *RSC Advances*, **2015**, 5, 26189-26196	3.7	49

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319	Bionanofiber Assisted Decoration of Few-Layered MoSe Nanosheets on 3D Conductive Networks for Efficient Hydrogen Evolution. *Small*, **2017**, 13, 1602866	11	48
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317	Effect of moisture on the dynamic mechanical relaxation of polyamide-6/clay nanocomposites. *Journal of Polymer Science, Part B: Polymer Physics*, **2004**, 42, 1823-1830	2.6	48
316	Polymer matrix wave-transparent composites: A review. *Journal of Materials Science and Technology*, **2021**, 75, 225-251	9.1	48
315	DSC and TEM investigations on multiple melting phenomena in isotactic polystyrene. *Journal of Materials Science*, **2000**, 35, 5047-5055	4.3	47
314	Bioinspired Micro/Nanofluidic Ion Transport Channels for Organic Cathodes in High-Rate and Ultrastable Lithium/Sodium-Ion Batteries. *Advanced Functional Materials*, **2018**, 28, 1804629	15.6	47
313	Nonisothermal crystallization kinetics of ZnO nanorod filled polyamide 11 composites. *Materials Chemistry and Physics*, **2008**, 109, 547-555	4.4	46
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