

# Hak-Yong Kim

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

523  
papers

24,280  
citations

78  
h-index

128  
g-index

532  
ext. papers

27,155  
ext. citations

5.1  
avg. IF

7.24  
L-index

#	Paper	IF	Citations
523	A review on nanofiber reinforced aerogels for energy storage and conversion applications. <i>Journal of Energy Storage</i> , <b>2022</b> , 46, 103927	7.8	2
522	Ruthenium nanoparticles integrated bimetallic metal-organic framework electrocatalysts for multifunctional electrode materials and practical water electrolysis in seawater.. <i>Nanoscale</i> , <b>2022</b> ,	7.7	3
521	Highly ordered nanoarrays catalysts embedded in carbon nanotubes as highly efficient and robust air electrode for flexible solid-state rechargeable zinc-air batteries.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 616, 679-690	9.3	1
520	Metal-organic framework assisted vanadium oxide nanorods as efficient electrode materials for water oxidation.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 618, 475-482	9.3	10
519	Homogeneous Elongation of N-Doped CNTs over Nano-Fibrillated Hollow-Carbon-Nanofiber: Mass and Charge Balance in Asymmetric Supercapacitors Is No Longer Problematic.. <i>Advanced Science</i> , <b>2022</b> , e2200650	13.6	3
518	Three-dimensional carbon nanofiber-based anode for high generated current and power from air-cathode micro-sized MFC. <i>RSC Advances</i> , <b>2022</b> , 12, 15486-15492	3.7	0
517	Metal-organic frameworks of rare earth metals embedded side-by-side nanofiber as a switchable luminescent sensor for Fe <sup>3+</sup> and Cu <sup>2+</sup> in aqueous media. <i>Journal of Luminescence</i> , <b>2022</b> , 119029	3.8	
516	Engineering the abundant heterointerfaces of integrated bimetallic sulfide-coupled 2D MOF-derived mesoporous CoS <sub>2</sub> nanoarray hybrids for electrocatalytic water splitting. <i>Materials Today Nano</i> , <b>2021</b> , 17, 100146	9.7	18
515	Fabrication of electrically highly conductive, mechanically strong, and near-infrared responsive phytic acid crosslinked polypyrrole coated Korean paper. <i>Materials Today Communications</i> , <b>2021</b> , 26, 102081	2.5	1
514	Integrating the Essence of a Metal-Organic Framework with Electrospinning: A New Approach for Making a Metal Nanoparticle Confined N-Doped Carbon Nanotubes/Porous Carbon Nanofibrous Membrane for Energy Storage and Conversion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 23732-23742	9.5	16
513	A Review of Electrospun Carbon Nanofiber-Based Negative Electrode Materials for Supercapacitors. <i>Electrochem</i> , <b>2021</b> , 2, 236-250	2.9	5
512	Biaxial Stretchability in High-Performance, All-Solid-State Supercapacitor with a Double-Layer Anode and a Faradic Cathode Based on Graphitic-2200 Knitted Carbon Fiber. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2002961	21.8	18
511	Self-assembled polypyrrole hierarchical porous networks as the cathode and porous three dimensional carbonaceous networks as the anode materials for asymmetric supercapacitor. <i>Journal of Energy Storage</i> , <b>2021</b> , 33, 102080	7.8	18
510	Controlled Selenium Infiltration of Cobalt Phosphide Nanostructure Arrays from a Two-Dimensional Cobalt Metal-Organic Framework: A Self-Supported Electrode for Flexible Quasi-Solid-State Asymmetric Supercapacitors. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 404-415	6.1	20
509	Green Synthesis of Silver Nanoparticles Using Aqueous Rhizome Extract of <i>Corallocarpus Epigaeus</i> for Biomedical Applications. <i>Applied Science and Convergence Technology</i> , <b>2021</b> , 30, 54-61	0.8	1
508	ZnO/Ag nanoparticles incorporated multifunctional parallel side by side nanofibers for air filtration with enhanced removing organic contaminants and antibacterial properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 621, 126564	5.1	14
507	Integrated hybrid of graphitic carbon-encapsulated Cu <sub>2</sub> O on multilayered mesoporous carbon from copper MOFs and polyaniline for asymmetric supercapacitor and oxygen reduction reactions. <i>Carbon</i> , <b>2021</b> , 179, 89-99	10.4	30

506	Technological trends in heavy metals removal from industrial wastewater: A review. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105688	6.8	50
505	Templated fabrication of perfectly aligned metal-organic framework-supported iron-doped copper-cobalt selenide nanostructure on hollow carbon nanofibers for an efficient trifunctional electrode material. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 293, 120209	21.8	16
504	A metal-organic framework derived cobalt oxide/nitrogen-doped carbon nanotube nanotentacles on electrospun carbon nanofiber for electrochemical energy storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 129679	14.7	17
503	Temperature-controlled in situ synthesized carbon nanotube-protected vanadium phosphate particle-anchored electrospun carbon nanofibers for high energy density symmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 600, 740-751	9.3	8
502	Construction of iron doped cobalt- vanadate- cobalt oxide with metal-organic framework oriented nanoflakes for portable rechargeable zinc-air batteries powered total water splitting. <i>Nano Energy</i> , <b>2021</b> , 88, 106238	17.1	24
501	Graphene Oxide Coated Zinc Oxide Core-Shell Nanofibers for Enhanced Photocatalytic Performance and Durability. <i>Coatings</i> , <b>2020</b> , 10, 1183	2.9	7
500	Template-Assisted Fabrication of ZnO/Co <sub>3</sub> O <sub>4</sub> One-Dimensional Metal-Organic Framework Array Decorated with Amorphous Iron Oxide/Hydroxide Nanoparticles as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 7716-7725	4.1	18
499	Copper//terbium dual metal organic frameworks incorporated side-by-side electrospun nanofibrous membrane: A novel tactics for an efficient adsorption of particulate matter and luminescence property. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 578, 155-163	9.3	26
498	Designed Assembly of Porous Cobalt Oxide/Carbon Nanotentacles on Electrospun Hollow Carbon Nanofibers Network for Supercapacitor. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 3435-3444	6.1	37
497	Engineering the Hierarchical Heterostructures of Zn <sub>0.5</sub> Ni <sub>0.5</sub> O Nanoneedles Arrays@Co <sub>3</sub> Ni-LDH Nanosheets Core-Shell Electrodes for a Hybrid Asymmetric Supercapacitor with High Energy Density and Excellent Cyclic Stability. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 7383-7396	6.1	29
496	Integration of Cobalt Metal-Organic Frameworks into an Interpenetrated Prussian Blue Analogue to Derive Dual Metal-Organic Framework-Assisted Cobalt Iron Derivatives for Enhancing Electrochemical Total Water Splitting. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 14465-14476	3.8	20
495	Flexible Transparent Symmetric Solid-State Supercapacitors Based on NiO-Decorated Nanofiber-Based Composite Electrodes with Excellent Mechanical Flexibility and Cyclability. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 2394-2403	6.1	10
494	Vertically Aligned Metal-Organic Framework Derived from Sacrificial Cobalt Nanowire Template Interconnected with Nickel Foam Supported Selenite Network as an Integrated 3D Electrode for Overall Water Splitting. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3817-3827	5.1	26
493	A multicore-shell architecture with a phase-selective (H <sub>2</sub> O) <sub>2</sub> MnO <sub>2</sub> shell for an aqueous-KOH-based supercapacitor with high operating potential. <i>Chemical Engineering Journal</i> , <b>2020</b> , 387, 124028	14.7	24
492	Characterization and antibacterial activity of rice grain-shaped ZnS nanoparticles immobilized inside the polymer electrospun nanofibers. <i>Advanced Composites and Hybrid Materials</i> , <b>2020</b> , 3, 8-15	8.7	22
491	Vapor solid phase grown hierarchical Cu <sub>x</sub> O NWs integrated MOFs-derived CoS <sub>2</sub> electrode for high-performance asymmetric supercapacitors and the oxygen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2020</b> , 399, 125532	14.7	33
490	PAN-ZnO//PAN-Mn <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> Janus nanofibers: Controlled fabrication and enhanced photocatalytic properties under UV and visible light. <i>Chemical Physics Letters</i> , <b>2020</b> , 759, 138050	2.5	6
489	White-light-emitting triphasic fibers as a phosphor for light-emitting diodes. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 5403-5411	5.1	3

488	A novel Fe <sub>2</sub> O <sub>3</sub> -decorated N-doped CNT porous composites derived from tubular polypyrrole with excellent rate capability and cycle stability as advanced supercapacitor anode materials. <i>Electrochimica Acta</i> , <b>2020</b> , 334, 135627	6.7	12
487	Zeolitic imidazolate framework derived Co <sub>3</sub> S <sub>4</sub> hybridized MoS <sub>2</sub> /Ni <sub>3</sub> S <sub>2</sub> heterointerface for electrochemical overall water splitting reactions. <i>Electrochimica Acta</i> , <b>2020</b> , 334, 135537	6.7	26
486	Oxalic acid assisted rapid synthesis of mesoporous NiCoO nanorods as electrode materials with higher energy density and cycle stability for high-performance asymmetric hybrid supercapacitor applications. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 564, 65-76	9.3	32
485	Facile one pot sonochemical synthesis of CoFe <sub>2</sub> O <sub>4</sub> /MWCNTs hybrids with well-dispersed MWCNTs for asymmetric hybrid supercapacitor applications. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 3073-3085	6.7	38
484	A ZIF-8-derived nanoporous carbon nanocomposite wrapped with Co <sub>3</sub> O <sub>4</sub> -polyaniline as an efficient electrode material for an asymmetric supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 856, 113670	4.1	38
483	Novel synthesis of Al-amorphized, flexible Fe <sub>2</sub> O <sub>3</sub> nanofibrous membranes for enhanced electrocatalytic H <sub>2</sub> evolution. <i>Composites Communications</i> , <b>2020</b> , 22, 100470	6.7	5
482	Fabrication of Nonmetal-Modulated Dual Metal-Organic Platform for Overall Water Splitting and Rechargeable Zinc-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 41704-41717	9.5	19
481	Phytic acid controlled in situ synthesis of amorphous cobalt phosphate/carbon composite as anode materials with a high mass loading for symmetrical supercapacitor: amorphization of the electrode to boost the energy density. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 4918-4929	5.1	11
480	Hybrid Electrodes Based on Zn/Ni/Co Ternary Oxide Nanowires and Nanosheets for Ultra-High-Rate Asymmetric Supercapacitors. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 8679-8690	5.6	22
479	Breakthroughs in the fabrication of electrospun-nanofiber-supported thin film composite/nanocomposite membranes for the forward osmosis process: A review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2020</b> , 50, 1727-1795	11.1	16
478	An innovative synthetic approach for core-shell multiscale hierarchically porous boron and nitrogen codoped carbon nanofibers for the oxygen reduction reaction. <i>Journal of Power Sources</i> , <b>2020</b> , 453, 227883	8.9	18
477	Autoclave Mediated Synthesis of Silver Nanoparticles Using Aqueous Extract of Canna indica L. Rhizome and Evaluation of Its Antimicrobial Activity. <i>Macromolecular Research</i> , <b>2019</b> , 27, 1155-1160	1.9	4
476	In situ synthesis of MnO <sub>2</sub> @SiO <sub>2</sub> /TiO <sub>2</sub> nanofibrous membranes for room temperature degradation of formaldehyde. <i>Composites Communications</i> , <b>2019</b> , 16, 61-66	6.7	7
475	Super-Stable, Highly Efficient, and Recyclable Fibrous Metal-Organic Framework Membranes for Precious Metal Recovery from Strong Acidic Solutions. <i>Small</i> , <b>2019</b> , 15, e1805242	11	31
474	Effective charge separation of inverted polymer solar cells using versatile MoS <sub>2</sub> nanosheets as an electron transport layer. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 15356-15363	13	12
473	One-pot sonochemical synthesis of hierarchical MnWO <sub>4</sub> microflowers as effective electrodes in neutral electrolyte for high performance asymmetric supercapacitors. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 10838-10851	6.7	21
472	Sound Absorption and Insulation Properties of a Polyurethane Foam Mixed with Electrospun Nylon-6 and Polyurethane Nanofibre Mats. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 3558-3563	13	13
471	Enhancing the performance and stability of NiCo <sub>2</sub> O <sub>4</sub> nanoneedle coated on Ni foam electrodes with Ni seed layer for supercapacitor applications. <i>Ceramics International</i> , <b>2019</b> , 45, 13099-13111	5.1	13

470	In-situ fabrication of manganese oxide nanorods decorated manganese oxide nanosheets as an efficient and durable catalyst for oxygen reduction reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 568, 311-318	5.1	13
469	Oleylamine-assisted synthesis of manganese oxide nanostructures for high-performance asymmetric supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 837, 254-265	4.1	13
468	In-built fabrication of MOF assimilated B/N co-doped 3D porous carbon nanofiber network as a binder-free electrode for supercapacitors. <i>Electrochimica Acta</i> , <b>2019</b> , 301, 209-219	6.7	67
467	Metal-organic framework derived Co <sub>3</sub> O <sub>4</sub> /MoS <sub>2</sub> heterostructure for efficient bifunctional electrocatalysts for oxygen evolution reaction and hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 248, 202-210	21.8	191
466	Three-dimensional porous carbonaceous network with in-situ entrapped metallic cobalt for supercapacitor application. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 553, 622-630	9.3	33
465	Preparation and characterization of nickel nanoparticles decorated carbon fibers derived from discarded ostrich eggshell membranes for supercapacitors application. <i>Functional Composites and Structures</i> , <b>2019</b> , 1, 045004	3.5	3
464	Three-dimensionally assembled manganese oxide ultrathin nanowires: Prospective electrode material for asymmetric supercapacitors. <i>Energy</i> , <b>2019</b> , 188, 116066	7.9	26
463	Silver nanoparticles entrapped cobalt oxide nanohairs/electrospun carbon nanofibers nanocomposite in apt architecture for high performance supercapacitors. <i>Composites Part B: Engineering</i> , <b>2019</b> , 178, 107482	10	20
462	Highly efficient and reusable superhydrophobic/superoleophilic polystyrene@ Fe <sub>3</sub> O <sub>4</sub> nanofiber membrane for high-performance oil/water separation. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103508	6.8	24
461	Versatile 3D porous recycled carbon garments with fully-loaded active materials in the current collector for advanced lithium-ion batteries. <i>Composites Part B: Engineering</i> , <b>2019</b> , 179, 107519	10	4
460	Fabrication of Hierarchically Structured MOF-Co <sub>3</sub> O <sub>4</sub> on Well-aligned CuO Nanowire with an Enhanced Electrocatalytic Property. <i>Electroanalysis</i> , <b>2019</b> , 31, 966-974	3	16
459	Polydopamine-based Implantable Multifunctional Nanocarpets for Highly Efficient Photothermal-chemo Therapy. <i>Scientific Reports</i> , <b>2019</b> , 9, 2943	4.9	30
458	Engineering nanohaired 3D cobalt hydroxide wheels in electrospun carbon nanofibers for high-performance supercapacitors. <i>Chemical Engineering Journal</i> , <b>2019</b> , 361, 1225-1234	14.7	38
457	Dual functional nickel cobalt/MWCNT composite electrode-based electrochemical capacitor and enzymeless glucose biosensor applications: Influence of Ni/Co molar ratio. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2019</b> , 73, 1-7	6.3	24
456	Fly-ash-incorporated electrospun zinc oxide nanofibers: Potential material for environmental remediation. <i>Environmental Pollution</i> , <b>2019</b> , 245, 163-172	9.3	47
455	Flexible high-temperature sheet-type electric heaters using m-aramid/functionalized MWCNTs hybrid nanofiber composites. <i>Composites Part B: Engineering</i> , <b>2019</b> , 166, 41-47	10	17
454	Facile synthesis and characterization of carbon quantum dots and photovoltaic applications. <i>Thin Solid Films</i> , <b>2018</b> , 660, 672-677	2.2	27
453	Carbon nanofibers wrapped with zinc oxide nano-flakes as promising electrode material for supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 522, 40-47	9.3	65

452	Effective strategies for anode surface modification for power harvesting and industrial wastewater treatment using microbial fuel cells. <i>Journal of Environmental Management</i> , <b>2018</b> , 206, 228-235	7.9	15
451	Optical and photocatalytic properties of lysozyme mediated titanium dioxide nanoparticles. <i>Optik</i> , <b>2018</b> , 154, 769-776	2.5	10
450	Size dependent optical and antibacterial properties of Ag <sub>3</sub> PO <sub>4</sub> synthesized by facile precipitation and colloidal approach in aqueous solution. <i>Optik</i> , <b>2018</b> , 156, 60-68	2.5	10
449	Electrospun salicylic acid/polyurethane composite nanofibers for biomedical applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2018</b> , 67, 739-744	3	17
448	Facile electrochemical synthesis of three dimensional flowerlike gold microstructure for electrochemical oxidation of hydrogen peroxide. <i>Electrochimica Acta</i> , <b>2018</b> , 283, 1425-1431	6.7	11
447	Ultrasound assisted formation of Mn <sub>2</sub> SnO <sub>4</sub> nanocube as electrodes for high performance symmetrical hybrid supercapacitors. <i>Electrochimica Acta</i> , <b>2018</b> , 278, 93-105	6.7	25
446	Photovoltaic Performance of Inverted Polymer Solar Cells Using Hybrid Carbon Quantum Dots and Absorption Polymer Materials. <i>Electronic Materials Letters</i> , <b>2018</b> , 14, 581-586	2.9	10
445	Thermal and curl properties of PET/PP blend fibres compatibilized with EAG ternary copolymer. <i>Bulletin of Materials Science</i> , <b>2018</b> , 41, 1	1.7	1
444	Engineered carbon fiber papers as flexible binder-free electrodes for high-performance capacitive energy storage. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2018</b> , 59, 277-285	6.3	18
443	Simple room temperature synthesis of porous nickel phosphate foams for electrocatalytic ethanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 808, 236-244	4.1	15
442	Mesoporous 3D NiCo <sub>2</sub> O <sub>4</sub> /MWCNT nanocomposite aerogels prepared by a supercritical CO <sub>2</sub> drying method for high performance hybrid supercapacitor electrodes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 538, 451-459	5.1	43
441	Influence of Sn content on the electrocatalytic activity of NiSn alloy nanoparticles-incorporated carbon nanofibers toward methanol oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 21333-21344 <sup>12</sup>	6.7	12
440	Electrospinning: A versatile strategy for mimicking natural creatures. <i>Composites Communications</i> , <b>2018</b> , 10, 175-185	6.7	27
439	Self-Assembly of Perovskite Crystals Anchored Al <sub>2</sub> O <sub>3</sub> -La <sub>2</sub> O <sub>3</sub> Nanofibrous Membranes with Robust Flexibility and Luminescence. <i>Small</i> , <b>2018</b> , 14, e1801963	11	14
438	Fe/Fe <sub>2</sub> O <sub>3</sub> nanoparticles as anode catalyst for exclusive power generation and degradation of organic compounds using microbial fuel cell. <i>Chemical Engineering Journal</i> , <b>2018</b> , 349, 800-807	14.7	47
437	Environment-friendly, durable, electro-conductive, and highly transparent heaters based on silver nanowire functionalized keratin nanofiber textiles. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 7847-7854	7.1	13
436	Insight into the precursor nanofibers on the flexibility of La <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> nanofibrous membranes. <i>E-Polymers</i> , <b>2017</b> , 17, 243-248	2.7	7
435	Facile green synthesis of silver nanodendrite/cellulose acetate thin film electrodes for flexible supercapacitors. <i>Carbohydrate Polymers</i> , <b>2017</b> , 163, 153-161	10.3	15

434	One-step synthesis of Co-TiC-carbon composite nanofibers at low temperature. <i>Ceramics International</i> , <b>2017</b> , 43, 5828-5831	5.1	14
433	Highly flexible, erosion resistant and nitrogen doped hollow SiC fibrous mats for high temperature thermal insulators. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 2664-2672	13	43
432	Synthesis and characterization of reduced graphene oxide decorated with CeO-doped MnO nanorods for supercapacitor applications. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 494, 338-344	9.3	86
431	Characterization of pitch prepared from pyrolysis fuel oil via electron beam irradiation. <i>Radiation Physics and Chemistry</i> , <b>2017</b> , 135, 127-132	2.5	6
430	Electrospun nanofibers: New generation materials for advanced applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2017</b> , 217, 36-48	3.1	287
429	Rational designed strategy to dispel mutual interference of mercuric and ferric ions towards robust, pH-stable fluorescent carbon nanodots. <i>Analyst, The</i> , <b>2017</b> , 142, 1149-1156	5	17
428	Novel magnetically separable silver-iron oxide nanoparticles decorated graphitic carbon nitride nano-sheets: A multifunctional photocatalyst via one-step hydrothermal process. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 496, 343-352	9.3	53
427	Moderated surface defects of Ni particles encapsulated with NiO nanofibers as supercapacitor with high capacitance and energy density. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 500, 155-163	9.3	58
426	Preparation of zero-valent Co/N-CNFs as an immobilized thin film onto graphite disc for methanol electrooxidation. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 696-705	2	12
425	Electricity generation from real industrial wastewater using a single-chamber air cathode microbial fuel cell with an activated carbon anode. <i>Bioprocess and Biosystems Engineering</i> , <b>2017</b> , 40, 1151-1161	3.7	12
424	Electrospun CoCr7C3-supported C nanofibers: Effective, durable, and chemically stable catalyst for H <sub>2</sub> gas generation from ammonia borane. <i>Molecular Catalysis</i> , <b>2017</b> , 434, 32-38	3.3	19
423	A facile ultrasonic-assisted fabrication of nitrogen-doped carbon dots/BiOBr up-conversion nanocomposites for visible light photocatalytic enhancements. <i>Scientific Reports</i> , <b>2017</b> , 7, 45086	4.9	52
422	Electrospun Co-TiC nanoparticles embedded on carbon nanofibers: Active and chemically stable counter electrode for methanol fuel cells and dye-sensitized solar cells. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 10407-10415	6.7	22
421	CdS-TiO <sub>2</sub> NPs decorated carbonized eggshell membrane for effective removal of organic pollutants: A novel strategy to use a waste material for environmental remediation. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 699, 73-78	5.7	39
420	Silver nanoparticles decorated Mn <sub>2</sub> O <sub>3</sub> hybrid nanofibers via electrospinning: Towards the development of new bactericides with synergistic effect. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 189, 70-75	4.4	4
419	Graphene-Carbon-Metal Composite Film for a Flexible Heat Sink. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 40801-40809	9.5	13
418	NiCo <sub>2</sub> O <sub>4</sub> nanostructure-decorated PAN/lignin based carbon nanofiber electrodes with excellent cyclability for flexible hybrid supercapacitors. <i>Polymer</i> , <b>2017</b> , 132, 31-40	3.9	61
417	One-pot synthesis of Ag <sub>3</sub> PO <sub>4</sub> /MoS <sub>2</sub> nanocomposite with highly efficient photocatalytic activity. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 5521-5527	6.8	17

4 <sup>16</sup>	Investigating the effect of membrane layers on the cathode potential of air-cathode microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 24308-24318	6.7	4
4 <sup>15</sup>	ZnO@C (core@shell) microspheres derived from spent coffee grounds as applicable non-precious electrode material for DMFCs. <i>Scientific Reports</i> , <b>2017</b> , 7, 1738	4.9	21
4 <sup>14</sup>	Transparent nanofiber textiles with intercalated ZnO@graphene QD LEDs for wearable electronics. <i>Composites Part B: Engineering</i> , <b>2017</b> , 130, 70-75	10	22
4 <sup>13</sup>	NiCoS nanosheet-decorated 3D, porous Ni film@Ni wire electrode materials for all solid-state asymmetric supercapacitor applications. <i>Nanoscale</i> , <b>2017</b> , 9, 18819-18834	7.7	84
4 <sup>12</sup>	Nanostructured polyaniline/kenaf-derived 3D porous carbon materials with high cycle stability for supercapacitor electrodes. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 2158-2168	4.3	22
4 <sup>11</sup>	Mechanical and optical properties of electrospun nylon-6,6 nanofiber reinforced cyclic butylene terephthalate composites. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 55, 35-39	6.3	16
4 <sup>10</sup>	Carbon quantum dots incorporated keratin/polyvinyl alcohol hydrogels: Preparation and photoluminescent assessment. <i>Materials Letters</i> , <b>2017</b> , 207, 57-61	3.3	15
4 <sup>09</sup>	Ultrahigh electromagnetic interference shielding performance of lightweight, flexible, and highly conductive copper-clad carbon fiber nonwoven fabrics. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 7853-7861	7.1	65
4 <sup>08</sup>	Polypyrrole-Decorated Hierarchical NiCo <sub>2</sub> O <sub>4</sub> Nanoneedles/Carbon Fiber Papers for Flexible High-Performance Supercapacitor Applications. <i>Electrochimica Acta</i> , <b>2017</b> , 247, 524-534	6.7	64
4 <sup>07</sup>	Hair growth promoting activity of discarded biocomposite keratin extract. <i>Journal of Biomaterials Applications</i> , <b>2017</b> , 32, 230-241	2.9	2
4 <sup>06</sup>	Under-oil superhydrophilic wetted PVDF electrospun modified membrane for continuous gravitational oil/water separation with outstanding flux. <i>Water Research</i> , <b>2017</b> , 123, 524-535	12.5	58
4 <sup>05</sup>	Preparation and characterization of eggshell membrane/PVA hydrogel via electron beam irradiation technique. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 47, 41-45	6.3	22
4 <sup>04</sup>	Immobilization of Ag <sub>3</sub> PO <sub>4</sub> nanoparticles on electrospun PAN nanofibers via surface oximation: Bifunctional composite membrane with enhanced photocatalytic and antimicrobial activities. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 45, 277-286	6.3	49
4 <sup>03</sup>	A green and scalable dry synthesis of NiCo <sub>2</sub> O <sub>4</sub> /graphene nanohybrids for high-performance supercapacitor and enzymeless glucose biosensor applications. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 696, 193-200	5.7	74
4 <sup>02</sup>	Graphite Sheets as High-Performance Low-Cost Anodes for Microbial Fuel Cells Using Real Food Wastewater. <i>Chemical Engineering and Technology</i> , <b>2017</b> , 40, 2243-2250	2	25
4 <sup>01</sup>	Green synthesis of fluorescent carbon dots from carrot juice for in vitro cellular imaging. <i>Carbon Letters</i> , <b>2017</b> , 21, 61-67	2.3	47
4 <sup>00</sup>	Cobalt oxides-sheathed cobalt nano flakes to improve surface properties of carbonaceous electrodes utilized in microbial fuel cells. <i>Chemical Engineering Journal</i> , <b>2017</b> , 326, 497-506	14.7	36
399	Nano-engineered ZnO/CeO <sub>2</sub> dots@CNFs for fuel cell application. <i>Arabian Journal of Chemistry</i> , <b>2016</b> , 9, 219-228	5.9	30



398	Effects of Microporosity and Surface Chemistry on Separation Performances of N-Containing Pitch-Based Activated Carbons for CO <sub>2</sub> /N <sub>2</sub> Binary Mixture. <i>Scientific Reports</i> , <b>2016</b> , 6, 23224	4.9	43
397	Facile Synthesis of Core/Shell-like NiCo <sub>2</sub> O <sub>4</sub> -Decorated MWCNTs and its Excellent Electrocatalytic Activity for Methanol Oxidation. <i>Scientific Reports</i> , <b>2016</b> , 6, 20313	4.9	76
396	Nano-designed [CaCO <sub>3</sub> @rGO] photo-catalyst for effective adsorption and simultaneous removal of organic pollutant. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 9593-9598	2.1	2
395	Environment friendly, transparent nanofiber textiles consolidated with high efficiency PLEDs for wearable electronics. <i>Organic Electronics</i> , <b>2016</b> , 36, 89-96	3.5	22
394	Novel MWCNT interconnected NiCo <sub>2</sub> O <sub>4</sub> aerogels prepared by a supercritical CO <sub>2</sub> drying method for ethanol electrooxidation in alkaline media. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 13504-13512 <sup>6,7,12,36</sup>	6.7	36
393	Hierarchically Assembled Nanofibers Created by a Layer-by-Layer Self-Assembly. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 4080-5	1.3	1
392	One-pot synthesis of CdS sensitized TiO <sub>2</sub> decorated reduced graphene oxide nanosheets for the hydrolysis of ammonia-borane and the effective removal of organic pollutant from water. <i>Ceramics International</i> , <b>2016</b> , 42, 15247-15252	5.1	39
391	Supercapacitors based on ternary nanocomposite of TiO <sub>2</sub> &Pt@graphenes. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 3894-3900	2.1	8
390	In-situ synthesis of graphene oxide/BiOCl heterostructured nanofibers for visible-light photocatalytic investigation. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 686, 106-114	5.7	60
389	Photoluminescent and transparent Nylon-6 nanofiber mat composited by CdSe@ZnS quantum dots and poly (methyl methacrylate). <i>Polymer</i> , <b>2016</b> , 85, 89-95	3.9	8
388	Highly Aligned Poly(vinylidene fluoride-co-hexafluoro propylene) Nanofibers via Electrospinning Technique. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 595-600	1.3	9
387	Preparation and enhanced mechanical properties of non-covalently-functionalized graphene oxide/cellulose acetate nanocomposites. <i>Composites Part B: Engineering</i> , <b>2016</b> , 90, 223-231	10	59
386	Effective photocatalytic efficacy of hydrothermally synthesized silver phosphate decorated titanium dioxide nanocomposite fibers. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 465, 225-32	9.3	45
385	General one-pot strategy to prepare Ag <sup>+</sup> /TiO <sub>2</sub> decorated reduced graphene oxide nanocomposites for chemical and biological disinfectant. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 671, 51-59	5.7	80
384	The (2D) tunnels structured manganese dioxide nanorods with p phase for lithium air batteries. <i>Superlattices and Microstructures</i> , <b>2016</b> , 90, 184-190	2.8	20
383	Flexible and Conducting Carbon Nanofibers Obtained from Electrospun Polyacrylonitrile/Phosphoric Acid Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 1033-7	1.3	5
382	Elastic and hierarchical porous carbon nanofibrous membranes incorporated with NiFe <sub>2</sub> O <sub>4</sub> nanocrystals for highly efficient capacitive energy storage. <i>Nanoscale</i> , <b>2016</b> , 8, 2195-204	7.7	44
381	Photocatalytic degradation and antibacterial investigation of nano synthesized Ag <sub>3</sub> VO <sub>4</sub> particles @PAN nanofibers. <i>Carbon Letters</i> , <b>2016</b> , 18, 30-36	2.3	17

380	High Strength Electrospun Nanofiber Mats via CNT Reinforcement: A Review. <i>Composites Research</i> , <b>2016</b> , 29, 186-193		7
379	Dyeing of electrospun nylon 6 nanofibers with reactive dyes using electron beam irradiation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 39, 16-20	6.3	8
378	Expeditious and eco-friendly fabrication of highly uniform microflower superstructures and their applications in highly durable methanol oxidation and high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 12253-12262	13	57
377	In-situ synthesis of nanofibers with various ratios of BiOClx/BiOBry/BiOlz for effective trichloroethylene photocatalytic degradation. <i>Applied Surface Science</i> , <b>2016</b> , 384, 192-199	6.7	89
376	Cobalt oxide nanoparticles embedded in flexible carbon nanofibers: attractive material for supercapacitor electrodes and CO2 adsorption. <i>RSC Advances</i> , <b>2016</b> , 6, 52171-52179	3.7	25
375	A novel CuS microflower superstructure based sensitive and selective nonenzymatic glucose detection. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 233, 93-99	8.5	82
374	Preparation of flower-like TiO2 sphere/reduced graphene oxide composites for photocatalytic degradation of organic pollutants. <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 239, 91-98	3.3	47
373	Biocompatible and photoluminescent keratin/poly(vinyl alcohol)/carbon quantum dot nanofiber: A novel multipurpose electrospun mat. <i>Macromolecular Research</i> , <b>2016</b> , 24, 924-930	1.9	15
372	Flexible 3D Nanoporous Graphene for Desalination and Bio-decontamination of Brackish Water via Asymmetric Capacitive Deionization. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25313-25	9.5	99
371	Ag-ZnO photocatalyst anchored on carbon nanofibers: Synthesis, characterization, and photocatalytic activities. <i>Synthetic Metals</i> , <b>2016</b> , 220, 533-537	3.6	67
370	Keratin/poly (vinyl alcohol) blended nanofibers with high optical transmittance. <i>Polymer</i> , <b>2015</b> , 58, 146-153	3.9	44
369	One pot synthesis of Cu-doped TiO2 carbon nanofibers for dehydrogenation of ammonia borane. <i>Ceramics International</i> , <b>2015</b> , 41, 6137-6140	5.1	13
368	Novel preparation and characterization of human hair-based nanofibers using electrospinning process. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 76, 45-8	7.9	18
367	Easy preparation and characterization of graphene using liquid nitrogen and electron beam irradiation. <i>Materials Letters</i> , <b>2015</b> , 149, 15-17	3.3	8
366	Synthesis and characterization of photocatalytic and antibacterial PAN/Ag2CO3 composite nanofibers by ion exchange method. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 1336-1342	2	9
365	Ultrafine formation of optically transparent polyacrylonitrile/polyacrylic acid nanofibre fibrils via electrospinning at high relative humidity. <i>Composites Science and Technology</i> , <b>2015</b> , 117, 404-409	8.6	23
364	Hierarchical porous carbon nanofibrous membranes with an enhanced shape memory property for effective adsorption of proteins. <i>RSC Advances</i> , <b>2015</b> , 5, 64318-64325	3.7	19
363	Effect of TiO2 on photocatalytic activity of polyvinylpyrrolidone fabricated via electrospinning. <i>Composites Part B: Engineering</i> , <b>2015</b> , 80, 355-360	10	40

362	CuO-decorated, carbon-doped rutile TiO <sub>2</sub> nanofibers via one step electrospinning: Effective photocatalyst for azo dyes degradation under solar light. <i>Chemical Engineering and Processing: Process Intensification</i> , <b>2015</b> , 95, 202-207	3.7	11
361	One-step synthesis of robust nitrogen-doped carbon dots: acid-evoked fluorescence enhancement and their application in Fe <sup>3+</sup> detection. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 17747-17754	13	137
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356	Effective and highly recyclable nanosilica produced from the rice husk for effective removal of organic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 29, 134-145	6.3	34
355	High-efficiency super capacitors based on hetero-structured MnO <sub>2</sub> nanorods. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 642, 210-215	5.7	43
354	Synthesis of carbon quantum dots from cabbage with down- and up-conversion photoluminescence properties: excellent imaging agent for biomedical applications. <i>Green Chemistry</i> , <b>2015</b> , 17, 3791-3797	10	233
353	Flexible transparent electrode based on PANi nanowire/nylon nanofiber reinforced cellulose acetate thin film as supercapacitor. <i>Chemical Engineering Journal</i> , <b>2015</b> , 273, 603-609	14.7	77
352	Effects of functional groups on the graphene sheet for improving the thermomechanical properties of polyurethane nanocomposites. <i>Composites Part B: Engineering</i> , <b>2015</b> , 78, 192-201	10	70
351	Facile electrospun Polyacrylonitrile/poly(acrylic acid) nanofibrous membranes for high efficiency particulate air filtration. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 629-633	2	67
350	In-situ synthesis of Ni/N-doped CNFs-supported graphite disk as effective immobilized catalyst for methanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 14845-14856	6.7	21
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345	Electrical Properties of Conductive Nylon66/Graphene Oxide Composite Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 5718-22	1.3	5

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339	Electrospun ZnO hybrid nanofibers for photodegradation of wastewater containing organic dyes: A review. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 21, 26-35	6.3	110
338	Fabrication of PdS/ZnS NPs doped PVAc hybrid electrospun nanofibers: Effective and reusable catalyst for dye photodegradation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 21, 298-302	6.3	16
337	Preparation and photocatalytic activity of fly ash incorporated TiO <sub>2</sub> nanofibers for effective removal of organic pollutants. <i>Ceramics International</i> , <b>2015</b> , 41, 1771-1777	5.1	58
336	Facile fabrication of hierarchical cellulose nanospicules via hydrolytic hydrogenation. <i>Carbohydrate Polymers</i> , <b>2015</b> , 117, 408-413	10.3	6
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333	Carbon quantum dots anchored TiO <sub>2</sub> nanofibers: Effective photocatalyst for waste water treatment. <i>Ceramics International</i> , <b>2015</b> , 41, 11953-11959	5.1	136
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329	Synthesis and characterization of Co/SrCO <sub>3</sub> nanorods-decorated carbon nanofibers as novel electrocatalyst for methanol oxidation in alkaline medium. <i>Ceramics International</i> , <b>2015</b> , 41, 6575-6582	5.1	35
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319	Electrospun Ag-CoF doped PU nanofibers: Effective visible light catalyst for photodegradation of organic dyes. <i>Macromolecular Research</i> , <b>2014</b> , 22, 895-900	1.9	6
318	Preparation and characterization of chitosan-based nanofibers by ecofriendly electrospinning. <i>Materials Letters</i> , <b>2014</b> , 132, 23-26	3.3	20
317	Graphene/SnO <sub>2</sub> nanocomposite as an effective electrode material for saline water desalination using capacitive deionization. <i>Ceramics International</i> , <b>2014</b> , 40, 14627-14634	5.1	71
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313	. <i>Nano-Micro Letters</i> , <b>2014</b> , 6, 89-107	19.5	28
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310	Bactericidal efficacy of electrospun rosin/poly( $\epsilon$ -caprolactone) nanofibers. <i>Macromolecular Research</i> , <b>2014</b> , 22, 139-145	1.9	3
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285	Photocatalytic TiO <sub>2</sub> /RGO/nylon-6 spider-wave-like nano-nets via electrospinning and hydrothermal treatment. <i>Journal of Membrane Science</i> , <b>2013</b> , 429, 225-234	9.6	94
284	RGO/Nylon-6 composite mat with unique structural features and electrical properties obtained from electrospinning and hydrothermal process. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 970-975	2	21
283	Inactivation of Foodborne Pathogens by NiO/TiO <sub>2</sub> Composite Nanofibers: A Novel Biomaterial System. <i>Food and Bioprocess Technology</i> , <b>2013</b> , 6, 988-996	5.1	20
282	Facile preparation of graphene induced from electron-beam irradiated graphite. <i>Materials Letters</i> , <b>2013</b> , 105, 236-238	3.3	9
281	Preparation of nylon-6/chitosan composites by nanospider technology and their use as candidate for antibacterial agents. <i>Korean Journal of Chemical Engineering</i> , <b>2013</b> , 30, 422-428	2.8	17
280	Mn <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> nanofibers with broad-spectrum antibiotics effect and photocatalytic activity for preliminary stage of water desalination. <i>Ceramics International</i> , <b>2013</b> , 39, 2239-2246	5.1	29
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277	Preparation and characterization of keratin-based biocomposite hydrogels prepared by electron beam irradiation. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 5051-7	8.3	47
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273	Fabrication and characterization of II-VI semiconductor nanoparticles decorated electrospun polyacrylonitrile nanofibers. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 397, 65-72	9.3	16

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271	Pd-doped Co nanofibers immobilized on a chemically stable metallic bipolar plate as novel strategy for direct formic acid fuel cells. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 7438-7447	6.7	37
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269	Preparation and characterization of copper oxide particles incorporated polyurethane composite nanofibers by electrospinning. <i>Ceramics International</i> , <b>2013</b> , 39, 9651-9658	5.1	21
268	Novel Cd-doped Co/C nanoparticles for electrochemical supercapacitors. <i>Materials Letters</i> , <b>2013</b> , 99, 168-171	3.3	45
267	Ethanol electro-oxidation using cadmium-doped cobalt/carbon nanoparticles as novel non precious electrocatalyst. <i>Applied Catalysis A: General</i> , <b>2013</b> , 455, 193-198	5.1	50
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22	Preparation and characterization of H4SiMo12O40/poly(vinyl alcohol) fiber mats produced by an electrospinning method. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 1573-1578	2.9	48
21	Preparation and morphology of niobium oxide fibres by electrospinning. <i>Chemical Physics Letters</i> , <b>2003</b> , 374, 79-84	2.5	80

20	Nonisothermal crystallization and melting behavior of the copolymer derived from p-dioxanone and poly(ethylene glycol). <i>European Polymer Journal</i> , <b>2003</b> , 39, 1365-1375	5.2	34
19	Aqueous solution properties of amphiphilic triblock copolymer poly(p-dioxanone-co-l-lactide)-block-poly(ethylene glycol). <i>European Polymer Journal</i> , <b>2003</b> , 39, 1603-1608	5.2	27
18	Transport properties of electrospun nylon 6 nonwoven mats. <i>European Polymer Journal</i> , <b>2003</b> , 39, 1883-1889	5.8	194
17	Studies on PAN-based carbon fibers irradiated by Ar <sup>+</sup> ion beams. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 261, 393-8	9.3	17
16	Characterization of nano-structured poly( $\epsilon$ -caprolactone) nonwoven mats via electrospinning. <i>Polymer</i> , <b>2003</b> , 44, 1287-1294	3.9	472
15	Mechanical behavior of electrospun fiber mats of poly(vinyl chloride)/polyurethane polyblends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 1256-1262	2.6	180
14	Biodegradable electrospun mat: Novel block copolymer of poly (p-dioxanone-co-L-lactide)-block-poly(ethylene glycol). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 1955-1964	2.6	26
13	Synthesis and characterization of ABA type tri-block copolymers derived from p-dioxanone, L-lactide and poly(ethylene glycol). <i>Polymer International</i> , <b>2003</b> , 52, 6-14	3.3	34
12	The change of bead morphology formed on electrospun polystyrene fibers. <i>Polymer</i> , <b>2003</b> , 44, 4029-4034	3.9	317
11	Morphology and crystalline phase study of electrospun TiO <sub>2</sub> /SiO <sub>2</sub> nanofibres. <i>Nanotechnology</i> , <b>2003</b> , 14, 532-537	3.4	142
10	Fiber mats of poly(vinyl alcohol)/silica composite via electrospinning. <i>Materials Letters</i> , <b>2003</b> , 57, 1579-1584	3.4	354
9	Roles of work of adhesion between carbon blacks and thermoplastic polymers on electrical properties of composites. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 255, 145-9	9.3	74
8	Preparation and characterization of nanoscaled poly(vinyl alcohol) fibers via electrospinning. <i>Fibers and Polymers</i> , <b>2002</b> , 3, 73-79	2	150
7	Thermal and mechanical properties of diglycidylether of bisphenol A/ trimethylolpropane triglycidylether epoxy blends cured with benzylpyrazinium salts. <i>Polymer International</i> , <b>2002</b> , 51, 386-392	3.3	13
6	Preparation and characterization of a nanoscale poly(vinyl alcohol) fiber aggregate produced by an electrospinning method. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2002</b> , 40, 1261-1268	2.6	260
5	Influence of a mixing solvent with tetrahydrofuran and N,N-dimethylformamide on electrospun poly(vinyl chloride) nonwoven mats. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2002</b> , 40, 2259-2268	2.6	193
4	Thermogravimetric study of copolymers derived from p-dioxanone, l-lactide and poly (ethylene glycol). <i>Polymer Degradation and Stability</i> , <b>2002</b> , 78, 423-433	4.7	16
3	A novel method for preparing ultra-fine alumina-borate oxide fibres via an electrospinning technique. <i>Nanotechnology</i> , <b>2002</b> , 13, 674-677	3.4	183

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| 2 | A novel method for making silica nanofibres by using electrospun fibres of polyvinylalcohol/silica composite as precursor. <i>Nanotechnology</i> , <b>2002</b> , 13, 635-637                                 | 3-4 | 119 |
| 1 | Synthesis of high-silica-content mordenite with different SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratios by using benzene-1,2-diol as additives. <i>Materials Letters</i> , <b>2002</b> , 56, 24-29 | 3-3 | 29  |