

# Bo-wen Cheng

## 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.

359  
papers

7,405  
citations

44  
h-index

64  
g-index

382  
ext. papers

9,324  
ext. citations

6  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
359	A phosphorous/nitrogen-containing flame retardant with UV-curing for polyester/cotton fabrics. <i>Cellulose</i> , <b>2022</b> , 29, 1263-1281	5.5	2
358	Health risk of extreme low temperature on respiratory diseases in western China.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
357	Customized Structure Design and Functional Mechanism Analysis of Carbon Spheres for Advanced Lithium-Sulfur Batteries.. <i>Small</i> , <b>2022</b> , e2104469	11	4
356	ZnF <sub>2</sub> /ZnS heterostructures@NC doped porous carbon nanofibers as interlayers for stable lithium metal anodes. <i>Composites Part B: Engineering</i> , <b>2022</b> , 230, 109531	10	0
355	A review on nanofiber materials for lithium-metal batteries to suppress the dendritic lithium growth. <i>Chemical Engineering Journal</i> , <b>2022</b> , 433, 134392	14.7	2
354	Dual-mode luminescent multilayer core-shell UCNPs@SiO <sub>2</sub> @TEuTbB nanospheres for high-level anti-counterfeiting and recognition of latent fingerprints. <i>Applied Surface Science</i> , <b>2022</b> , 581, 152395	6.7	1
353	Rational design and preparation of covalent organic frameworks and their functional mechanism analysis for lithium-ion and lithium sulfur/selenium cells. <i>Energy Storage Materials</i> , <b>2022</b> , 46, 29-67	19.4	1
352	Flower-like heterostructured MoP/MoS <sub>2</sub> hierarchical nanoreactor enabling effective anchoring for LiPS and enhanced kinetics for high performance LiS batteries. <i>Journal of Membrane Science</i> , <b>2022</b> , 642, 120003	9.6	3
351	YF/CoF co-doped 1D carbon nanofibers with dual functions of lithium polysulfides adsorption and efficient catalytic activity as a cathode for high-performance Li-S batteries. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 607, 922-932	9.3	2
350	A Separator with a Novel Thermal Crosslinking Structure Based on Electrospun PI/A-POSS for Lithium-Ion Battery with High Safety and Outstanding Electrochemical Performance. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100458	4.6	0
349	Recent progress in tackling Zn anode challenges for Zn ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 25750-25772	13	2
348	Constructing interconnected nanofibers@ZIF-67 superstructure in nafion membranes for accelerating proton transport and confining methanol permeation. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 38782-38794	6.7	0
347	Self-assembly of collagen fibrils on graphene oxide and their hybrid nanocomposite films. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 193, 173-182	7.9	1
346	Preparation and properties of polyphenylene sulfide/oxidized-polyphenylene sulfide composite membranes. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 160, 104842	4.6	3
345	Stretchable Ni/Zn fabric battery based on sewable core-shell SCNF@Ni@NiCo LDHs thread cathode for wearable smart garment. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 10537-10554	4.3	3
344	A study on the short-term effect of particulate matter pollution on hospital visits for asthma in children in Shanghai, China. <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 43, 4123-4138	4.7	0
343	Development of a novel multi-scale structured superhydrophobic nanofiber membrane with enhanced thermal efficiency and high flux for membrane distillation. <i>Desalination</i> , <b>2021</b> , 501, 114834	10.3	11

342	Association between environmental factors and COVID-19 in Shanghai, China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 45087-45095	5.1	3
341	Effects of extreme temperature on respiratory diseases in Lanzhou, a temperate climate city of China. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 49278-49288	5.1	3
340	Electrospun multi-scale nanofiber network: hierarchical proton-conducting channels in Nafion composite proton exchange membranes. <i>Cellulose</i> , <b>2021</b> , 28, 6567	5.5	3
339	Preparation and Properties of Electrospun Sheath-core Modified-PMMA Nanofibers with Photoluminescence and Photochromic Functions. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 549-557	2.2	1
338	Association between PM and specific circulatory system diseases in China. <i>Scientific Reports</i> , <b>2021</b> , 11, 12129	4.9	3
337	Functional Gel Poly-m-phenyleneisophthalamide Nanofiber Separator Modified by Starch to Suppress Lithium Polysulfides and Facilitate Transportation of Lithium Ions for High-Performance Lithium-Sulfur Battery. <i>Journal of the Electrochemical Society</i> , <b>2021</b> , 168, 070505	3.9	1
336	Respiratory mortality associated with ozone in China: A systematic review and meta-analysis. <i>Environmental Pollution</i> , <b>2021</b> , 280, 116957	9.3	3
335	High-performance all-solid-state polymer electrolyte with fast conductivity pathway formed by hierarchical structure polyamide 6 nanofiber for lithium metal battery. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 54, 644-654	12	16
334	A review on electronically conducting polymers for lithium-sulfur battery and lithium-selenium battery: Progress and prospects. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 58, 523-556	12	19
333	Advances in preparation methods and mechanism analysis of layered double hydroxide for lithium-ion batteries and lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 58, 472-499	12	9
332	A core@sheath nanofiber separator with combined hardness and softness for lithium-metal batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 404, 126542	14.7	10
331	Multifunctional LaF <sub>3</sub> doped pomegranate-like porous carbon nanofibers with high-speed transfer channel and strong polar interface for high stability lithium sulfur battery. <i>Chemical Engineering Journal</i> , <b>2021</b> , 403, 126449	14.7	20
330	Rational design of hollow oxygen deficiency-enriched NiFe <sub>2</sub> O <sub>4</sub> @N/rGO as bifunctional electrocatalysts for overall water splitting. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 54, 595-603	12	16
329	A versatile nano-TiO <sub>2</sub> decorated gel separator with derived multi-scale nanofibers towards dendrite-blocking and polysulfide-inhibiting lithium-metal batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 55, 190-201	12	14
328	Adenosine triphosphate@graphene oxide proton channels for proton exchange membranes constructed via electrostatic layer-by-layer deposition. <i>Journal of Membrane Science</i> , <b>2021</b> , 620, 118880	9.6	5
327	Nanofiber hybrid membranes: progress and application in proton exchange membranes. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 3729-3766	13	17
326	Taming polysulfides and facilitating lithium-ion migration: Novel electrospinning MOFs@PVDF-based composite separator with spiderweb-like structure for Li-S batteries. <i>Electrochimica Acta</i> , <b>2021</b> , 365, 137344	6.7	18
325	Amino acid-functionalized metal organic framework with excellent proton conductivity for proton exchange membranes. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 1163-1173	6.7	17

- 324 The recent research progress and prospect of gel polymer electrolytes in lithium-sulfur batteries. *Chemical Engineering Journal*, **2021**, 413, 127427 14.7 15
- 323 Electrospun tree-like nanofiber membrane: Fabrication and applications for air and water treatments **2021**, 433-448
- 322 Hierarchical dual-nanonet of polymer nanofibers and supramolecular nanofibrils for air filtration with a high filtration efficiency, low air resistance and high moisture permeation. *Journal of Materials Chemistry A*, **2021**, 9, 14093-14100 13 33
- 321 A novel biomass vitamin B6-based flame retardant for lyocell fibers. *Cellulose*, **2021**, 28, 3201-3214 5.5 4
- 320 Particulate matter pollution and emergency room visits for respiratory diseases in a valley Basin city of Northwest China. *Environmental Geochemistry and Health*, **2021**, 43, 3457-3468 4.7 2
- 319 Recent Progress in High-Performance Lithium Sulfur Batteries: The Emerging Strategies for Advanced Separators/Electrolytes Based on Nanomaterials and Corresponding Interfaces. *Chemistry - an Asian Journal*, **2021**, 16, 2852-2870 4.5 3
- 318 Circulation weather types and hospital admissions for cardiovascular disease in Changchun, China. *Environmental Geochemistry and Health*, **2021**, 1 4.7 1
- 317 Mg-Al layered double hydroxides modified N-doped porous carbon nanofibers film as cathodic interlayer for high performance Li-S batteries. *Journal of Alloys and Compounds*, **2021**, 875, 160073 5.7 7
- 316 In situ loading MnO onto 3D Aramid nanofiber aerogel as High-Performance lead adsorbent. *Journal of Colloid and Interface Science*, **2021**, 600, 403-411 9.3 2
- 315 Flexible ordered MnS@CNC/carbon nanofibers membrane based on microfluidic spinning technique as interlayer for stable lithium-metal battery. *Journal of Membrane Science*, **2021**, 637, 119615<sup>9.6</sup> 6
- 314 Synthesis and properties of multi-layer core-shell Tb(BAO)<sub>3</sub>(NO<sub>3</sub>)<sub>2</sub>@SiO<sub>2</sub>@(PSPEA-PMMA) microsphere with photoluminescence and photochromic functions. *Dyes and Pigments*, **2021**, 195, 109654<sup>6</sup> 1
- 313 ZnF<sub>2</sub> doped porous carbon nanofibers as separator coating for stable lithium-metal batteries. *Chemical Engineering Journal*, **2021**, 424, 130346 14.7 11
- 312 Facile construction of hierarchical porous ultrafine alumina fibers (HPAFs) and its application for dye adsorption. *Microporous and Mesoporous Materials*, **2020**, 308, 110544 5.3 8
- 311 Bio-analogue l-lysine lined arrangement on nanofibers with superior proton-conduction for proton exchange membrane. *Solid State Ionics*, **2020**, 348, 115289 3.3 5
- 310 Synthesis, characterization and antibacterial properties of novel cellulose acetate sorbate. *Carbohydrate Polymers*, **2020**, 243, 116416 10.3 7
- 309 A 3D polyacrylonitrile nanofiber and flexible polydimethylsiloxane macromolecule combined all-solid-state composite electrolyte for efficient lithium metal batteries. *Nanoscale*, **2020**, 12, 14279-14289<sup>7.7</sup> 26
- 308 A phytic acid-based chelating coordination embedding structure of phosphorus-boron-boride synergistic flame retardant to enhance durability and flame retardancy of cotton. *Cellulose*, **2020**, 27, 4817-4829 5.5 19
- 307 Nanosized MnS homogeneously embedded in axial multichannel carbon nanofibers as freestanding electrodes for lithium-ion batteries. *Journal of Materials Science*, **2020**, 55, 7403-7416 4.3 3

306	Short-term effect of extreme air temperature on hospital emergency room visits for cardiovascular diseases from 2009 to 2012 in Beijing, China. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 38029-38037	5.1	4
305	Biofunctionalized nanofiber hybrid proton exchange membrane based on acid-base ion-nanochannels with superior proton conductivity. <i>Journal of Power Sources</i> , <b>2020</b> , 452, 227839	8.9	14
304	Functionalized polar Octa(Ethloropropyl) polyhedral oligomeric silsesquioxane assisted polyimide nanofiber composite membrane with excellent ionic conductivity and wetting mechanical strength towards enhanced lithium-ion battery. <i>Composites Science and Technology</i> , <b>2020</b> , 192, 108080	8.6	10
303	Designing of multilevel-nanofibers-based organic/inorganic hybrid gel electrolyte enabling an innovative lithium-ion battery with superior ionic transport capability and advanced security. <i>Chemical Engineering Journal</i> , <b>2020</b> , 390, 124571	14.7	24
302	Designing of root-soil-like polyethylene oxide-based composite electrolyte for dendrite-free and long-cycling all-solid-state lithium metal batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 389, 124478	14.7	33
301	Co-based and Cu-based MOFs modified separators to strengthen the kinetics of redox reaction and inhibit lithium-dendrite for long-life lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124241	14.7	47
300	Synthesis and application of a new, facile, and efficient sorbitol-based finishing agent for durable and flame retardant lyocell fibers. <i>Cellulose</i> , <b>2020</b> , 27, 3427-3442	5.5	7
299	Zeolitic imidazolate framework decorated on 3D nanofiber network towards superior proton conduction for proton exchange membrane. <i>Journal of Membrane Science</i> , <b>2020</b> , 601, 117914	9.6	16
298	Enhancing proton conductivity of proton exchange membrane with SPES nanofibers containing porous organic cage. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 1571-1580	3.2	2
297	Biomass-derived tube-like nitrogen and oxygen dual-doped porous carbon in the sulfur cathode for lithium sulfur battery. <i>Renewable Energy</i> , <b>2020</b> , 155, 309-316	8.1	16
296	Fabrication of electrospun sulfonated poly(ether sulfone) nanofibers with amino modified SiO <sub>2</sub> nanosphere for optimization of nanochannels in proton exchange membrane. <i>Solid State Ionics</i> , <b>2020</b> , 349, 115300	3.3	16
295	Locking metal sulfide nanoparticles in interconnected porous carbon nanofibers with protective macro-porous skin as freestanding anodes for lithium ion batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 397, 125271	14.7	10
294	A fresh hierarchical-structure gel poly-m-phenyleneisophthalamide nanofiber separator assisted by electronegative nanoclay-filler towards high-performance and advanced-safety lithium-ion battery. <i>Chemical Engineering Journal</i> , <b>2020</b> , 384, 123312	14.7	25
293	Highly multiscale structural Poly(vinylidene fluoridehexafluoropropylene) / poly-m-phenyleneisophthalamide separator with enhanced interface compatibility and uniform lithium-ion flux distribution for dendrite-proof lithium-metal batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 26, 334-346	19.4	37
292	Metal-organic framework anchored sulfonated poly(ether sulfone) nanofibers as highly conductive channels for hybrid proton exchange membranes. <i>Journal of Power Sources</i> , <b>2020</b> , 450, 227592	8.9	21
291	Impact of temperature changes between neighboring days on COPD in a city in Northeast China. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 4849-4857	5.1	5
290	Application of polyamide 6 microfiber non-woven fabrics in the large-scale production of all-solid-state lithium metal batteries. <i>Journal of Power Sources</i> , <b>2020</b> , 475, 228663	8.9	5
289	A synergistic flame retardant of glycosyl cross-linking boron acid and ammonium salt of phytic acid to enhance durable flame retardancy of cotton fabrics. <i>Cellulose</i> , <b>2020</b> , 27, 9699-9710	5.5	11

288	Designing inorganic-organic nanofibrous composite membrane for advanced safe Li-ion capacitors. <i>Electrochimica Acta</i> , <b>2020</b> , 337, 135821	6.7	7
287	One-step electrospinning cellulose nanofibers with superhydrophilicity and superoleophobicity underwater for high-efficiency oil-water separation. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 1536-1545	7.9	17
286	Towards high energy density LiS batteries with high sulfur loading: From key issues to advanced strategies. <i>Energy Storage Materials</i> , <b>2020</b> , 32, 320-355	19.4	39
285	Fabrication of a high phosphorus/nitrogen content modifier with star structure for effectively enhancing flame retardancy of lyocell fibers. <i>Cellulose</i> , <b>2020</b> , 27, 8369-8383	5.5	9
284	Construction of Interpenetrating Transport Channels and Compatible Interfaces via a Zeolitic Imidazolate Framework Bridge For Nanofibrous Hybrid PEMs with Enhanced Proton Conduction and Methanol Resistance. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 12976-12989	8.3	11
283	Polyvinylidene fluoride nanofibers with embedded Li <sub>6.4</sub> La <sub>3</sub> Zr <sub>1.4</sub> Ta <sub>0.6</sub> O <sub>12</sub> fillers modified polymer electrolytes for high-capacity and long-life all-solid-state lithium metal batteries. <i>Composites Science and Technology</i> , <b>2020</b> , 200, 108408	8.6	8
282	A review of the impact of outdoor and indoor environmental factors on human health in China. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 42335-42345	5.1	5
281	Flame retardant cellulosic fabrics via layer-by-layer self-assembly double coating with egg white protein and phytic acid. <i>Journal of Cleaner Production</i> , <b>2020</b> , 243, 118641	10.3	56
280	Functional double-layer membrane as separator for lithium-sulfur battery with strong catalytic conversion and excellent polysulfide-blocking. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122918	14.7	25
279	The significant effect of octa(aminophenyl)silsesquioxane on the electrospun ion-selective and ultra-strong poly-m-phenyleneisophthalamide separator for enhanced electrochemical performance of lithium-sulfur battery. <i>Chemical Engineering Journal</i> , <b>2020</b> , 381, 122715	14.7	14
278	Amino acid clusters supported by cellulose nanofibers for proton exchange membranes. <i>Journal of Power Sources</i> , <b>2019</b> , 438, 227035	8.9	21
277	Designing of a Phosphorus, Nitrogen, and Sulfur Three-Flame Retardant Applied in a Gel Poly-m-phenyleneisophthalamide Nanofiber Membrane for Advanced Safety Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 36705-36716	9.5	10
276	A novel core-shell structured poly-m-phenyleneisophthalamide@polyvinylidene fluoride nanofiber membrane for lithium ion batteries with high-safety and stable electrochemical performance. <i>Electrochimica Acta</i> , <b>2019</b> , 300, 263-273	6.7	33
275	Electrospun polyvinylidene fluoride/fluorinated acrylate copolymer tree-like nanofiber membrane with high flux and salt rejection ratio for direct contact membrane distillation. <i>Desalination</i> , <b>2019</b> , 466, 68-76	10.3	26
274	Proton-Conducting Poly-γ-glutamic Acid Nanofiber Embedded Sulfonated Poly(ether sulfone) for Proton Exchange Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 21865-21873	9.5	21
273	Functional mechanism analysis and customized structure design of interlayers for high performance Li-S battery. <i>Energy Storage Materials</i> , <b>2019</b> , 23, 314-349	19.4	58
272	The stereoscopic honeycomb-like porous carbon nanofibers as a carrier of TiO <sub>2</sub> nanoparticles for high-performance Li-ion capacitor. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 791, 1248-1256	5.7	9
271	The recent research status quo and the prospect of electrolytes for lithium sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2019</b> , 369, 874-897	14.7	53

270	Bio-inspired robust superhydrophobic-superoleophilic polyphenylene sulfide membrane for efficient oil/water separation under highly acidic or alkaline conditions. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 373, 11-22	12.8	56
269	Solution Blown Nylon 6 Nanofibrous Membrane as Scaffold for Nanofiltration. <i>Polymers</i> , <b>2019</b> , 11,	4.5	6
268	Synthesis, characterization and excellent antibacterial property of cellulose acetate reverse osmosis membrane via a two-step reaction. <i>Carbohydrate Polymers</i> , <b>2019</b> , 216, 312-321	10.3	10
267	Three-dimensional porous carbon nanofiber loading MoS <sub>2</sub> nanoflake-flowerballs as a high-performance anode material for Li-ion capacitor. <i>Applied Surface Science</i> , <b>2019</b> , 484, 392-402	6.7	25
266	The Construction of Fe-Compounds Doped Porous Carbon Nanofiber and Carbon Nanotube Composite Material by One-Step Carbonization and CVD for Li-Ion Capacitor. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, A1223-A1230	3.9	4
265	Loofah sponge as a high-loading 3D carbon matrix for lithium-sulfur batteries. <i>Materials Letters</i> , <b>2019</b> , 247, 86-89	3.3	7
264	Silver-plated polyamide fabrics with high electromagnetic shielding effectiveness performance prepared by in situ reduction of polydopamine and chemical silvering. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48227	2.9	2
263	The effect of chlorine/argentum atomic ratios on electrochemical behaviors and signal acquisition abilities of embroidered electrodes for bio-potential signal measurement. <i>Applied Physics A: Materials Science and Processing</i> , <b>2019</b> , 125, 1	2.6	5
262	Two-dimensional Acetate-based Light Lanthanide Fluoride Nanomaterials (F-Ln, Ln = La, Ce, Pr, and Nd): Morphology, Structure, Growth Mechanism, and Stability. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 13134-13142	16.4	5
261	Proton-conducting amino acid-modified chitosan nanofibers for nanocomposite proton exchange membranes. <i>European Polymer Journal</i> , <b>2019</b> , 119, 327-334	5.2	14
260	A Review: Electrospun Nanofiber Materials for Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905467	15.6	83
259	Physical Inhibition and Chemical Confinement of Lithium Polysulfides by Designing a Double-Layer Composite Separator for Lithium-Sulfur Battery. <i>ChemElectroChem</i> , <b>2019</b> , 6, 4817-4830	4.3	3
258	Constructing Amino-Functionalized Flower-like Metal-Organic Framework Nanofibers in Sulfonated Poly(ether sulfone) Proton Exchange Membrane for Simultaneously Enhancing Interface Compatibility and Proton Conduction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 39979-39990	9.5	27
257	Structure and Properties of PET Nano-Porous Luminescence Fibers for Fluorescence-Indicating to Acid Gases. <i>Macromolecular Materials and Engineering</i> , <b>2019</b> , 304, 1900467	3.9	2
256	Bifunctional semi-closed YF-doped 1D carbon nanofibers with 3D porous network structure including fluorinating interphases and polysulfide confinement for lithium-sulfur batteries. <i>Nanoscale</i> , <b>2019</b> , 11, 21324-21339	7.7	10
255	An Alumina/Polyacrylonitrile Nanofibrous Composite Separator via High-Efficiency Electro-Blown Spinning and Wet-Laid Technologies for Improved Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, A4088-A4096	3.9	9
254	Waste spunlaced facial puff derived monolithic flexible carbon framework (WCF): an ultralow-cost, recyclable and eco-friendly sorbent for oils and organic solvents.. <i>RSC Advances</i> , <b>2019</b> , 9, 31255-31263	3.7	4
253	Fabrication of centrifugally spun prepared poly(lactic acid)/gelatin/ciprofloxacin nanofibers for antimicrobial wound dressing.. <i>RSC Advances</i> , <b>2019</b> , 9, 35328-35335	3.7	25

252	Effect of OctaphenylPolyhedral oligomeric silsesquioxane on the electrospun Poly-m-phenylene isophthalamid separators for lithium-ion batteries with high safety and excellent electrochemical performance. <i>Chemical Engineering Journal</i> , <b>2019</b> , 356, 11-21	14.7	55
251	Effects of the aspect ratio of multi-walled carbon nanotubes on the structure and properties of regenerated collagen fibers. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 126, 595-602	7.9	8
250	Nitrogen and fluorine hybridization state tuning in hierarchical honeycomb-like carbon nanofibers for optimized electrocatalytic ORR in alkaline and acidic electrolytes. <i>Journal of Power Sources</i> , <b>2019</b> , 413, 376-383	8.9	28
249	Bio-inspired amino-acid-functionalized cellulose whiskers incorporated into sulfonated polysulfone for proton exchange membrane. <i>Journal of Power Sources</i> , <b>2019</b> , 409, 123-131	8.9	38
248	Tree-like cellulose nanofiber membranes modified by citric acid for heavy metal ion (Cu <sup>2+</sup> ) removal. <i>Cellulose</i> , <b>2019</b> , 26, 945-958	5.5	26
247	One-step melt-blowing of multi-scale micro/nano fabric membrane for advanced air-filtration. <i>Polymer</i> , <b>2019</b> , 165, 174-179	3.9	43
246	Embedding red phosphorus in hierarchical porous carbon nanofibers as anodes for lithium-ion battery. <i>Materials Letters</i> , <b>2019</b> , 240, 39-43	3.3	11
245	The excellent catalyst support of Al <sub>2</sub> O <sub>3</sub> fibers with needle-like mullite structure and HMF oxidation into FDCA over CuO/Al <sub>2</sub> O <sub>3</sub> fibers. <i>Ceramics International</i> , <b>2019</b> , 45, 2330-2337	5.1	16
244	Novel configuration of heat-resistant gel polymer electrolyte with electrospun poly (vinylidene fluoride-co-hexafluoropropylene) and poly-m-phenyleneisophthalamide composite separator for high-safety lithium-ion battery. <i>Materials Letters</i> , <b>2019</b> , 236, 101-105	3.3	25
243	Optimization of Na <sub>3</sub> Zr <sub>2</sub> Si <sub>2</sub> PO <sub>12</sub> ceramic electrolyte and interface for high performance solid-state sodium battery. <i>Ceramics International</i> , <b>2019</b> , 45, 1770-1776	5.1	30
242	Novel flexible Mn-based carbon nanofiber films as interlayers for stable lithium-metal battery. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 900-911	14.7	27
241	Performance enhancements in poly(vinylidene fluoride)-based piezoelectric nanogenerators for efficient energy harvesting. <i>Nano Energy</i> , <b>2019</b> , 56, 662-692	17.1	95
240	Hierarchical MnOx@PVDF/MWCNTs tree-like nanofiber membrane with high catalytic oxidation activity. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 780, 805-815	5.7	11
239	Designing of one-dimensional C/Ce-compound composite materials. <i>Materials Letters</i> , <b>2019</b> , 236, 34-37	3.3	3
238	Facile construction of PCNF&CNT composite material by one-step simultaneous carbonization and chemical vapor deposition. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 1616-1628	4.3	5
237	Release behavior under proteinase K and existing position of Domiphen <sup>+</sup> in its complexed poly-L-lactic acid micro-fibers electrospun from solution and W/O emulsion. <i>Journal of Industrial Textiles</i> , <b>2019</b> , 48, 1024-1043	1.6	2
236	Super-hydrophobic self-cleaning bead-like SiO <sub>2</sub> @PTFE nanofiber membranes for waterproof-breathable applications. <i>Applied Surface Science</i> , <b>2018</b> , 442, 54-64	6.7	58
235	A review on anode for lithium-sulfur batteries: Progress and prospects. <i>Chemical Engineering Journal</i> , <b>2018</b> , 347, 343-365	14.7	140



234	Rapid Synthesis of 3D Porous Nitrogen-Doped Carbon Nanospheres (N-CNSs) and Carbon Nanoboxes (CNBs) for Supercapacitor Electrodes. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, A918-A923 <sup>2</sup>	3.0	2
233	Preparation, characterization of PPS micro-porous membranes and their excellent performance in vacuum membrane distillation. <i>Journal of Membrane Science</i> , <b>2018</b> , 556, 107-117	9.6	21
232	Robust boosting neural networks with random weights for multivariate calibration of complex samples. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1009, 20-26	6.6	9
231	Phase transition and rheological behaviors of a novel cellulose solution with 4-( $\Gamma$ (methylimidazole)alkyloxy)-4'-(cyano)-biphenyls as a mesogenic unit. <i>Cellulose</i> , <b>2018</b> , 25, 941-951	5.5	
230	Durable flame retardant cellulosic fibers modified with novel, facile and efficient phytic acid-based finishing agent. <i>Cellulose</i> , <b>2018</b> , 25, 799-811	5.5	66
229	Direct catalytic conversion of glucose and cellulose. <i>Green Chemistry</i> , <b>2018</b> , 20, 863-872	10	45
228	Morphologies and Properties of PET Nano Porous Luminescence Fiber: Oil Absorption and Fluorescence-Indicating Functions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2828-2836	9.5	21
227	CeF-Doped Porous Carbon Nanofibers as Sulfur Immobilizers in Cathode Material for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 12626-12638	9.5	39
226	Preparation and characterization of crosslinked electrospun pullulan nanofiber membrane as a potential for biomaterials. <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 750-756	1.5	6
225	Sulfur-embedded porous carbon nanofiber composites for high stability lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2018</b> , 333, 185-190	14.7	61
224	Superhydrophilic poly(p-phenylene sulfide) membrane preparation with acid/alkali solution resistance and its usage in oil/water separation. <i>Separation and Purification Technology</i> , <b>2018</b> , 192, 262-270	8.3	22
223	Effect of fibre diameter on fabrication of modified PAN nanofibrous membranes and catalytic performance of their Fe complexes for dye degradation. <i>Journal of Industrial Textiles</i> , <b>2018</b> , 48, 146-161	1.6	5
222	A Superhydrophilic and Anti-Biofouling Polyphenylene Sulfide Microporous Membrane with Quaternary Ammonium Salts. <i>Macromolecular Research</i> , <b>2018</b> , 26, 800-807	1.9	2
221	Novel proton-conductive nanochannel membranes with modified SiO <sub>2</sub> nanospheres for direct methanol fuel cells. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 3475-3484	2.6	7
220	Preparation and BSA Adsorption Behavior of Chitosan-arginine Based Nanofiber Membranes. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 941-948	2	8
219	Synthesis, characterization and antibacterial properties of reverse osmosis membranes from cellulose bromoacetate. <i>Cellulose</i> , <b>2018</b> , 25, 5967-5984	5.5	9
218	Porphyrin-Functionalized Hierarchical Porous Silica Nanofiber Membrane for Rapid HCl Gas Detection. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 11668-11674	3.9	17
217	Efficient oxidation of furoin and 5,5'-dihydroxymethyl furoin to diketone furanil over molybdenum and tungsten compounds with air. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 249, 486-493	6	

216	Preparation and characterization of tree-like cellulose nanofiber membranes via the electrospinning method. <i>Carbohydrate Polymers</i> , <b>2018</b> , 183, 62-69	10.3	42
215	Non-leaching antibacterial cellulose triacetate reverse osmosis membrane via covalent immobilization of quaternary ammonium cations. <i>Carbohydrate Polymers</i> , <b>2018</b> , 181, 1102-1111	10.3	33
214	Fabrication of porous and magnetic Fe/FeNX fibers by electro-blown spinning method for efficient adsorption of Cr (VI) ions. <i>Materials Letters</i> , <b>2018</b> , 212, 235-238	3.3	3
213	Hierarchical fibrous microfiltration membranes by self-assembling DBS nanofibrils in solution-blown nanofibers. <i>Soft Matter</i> , <b>2018</b> , 14, 8879-8882	3.6	3
212	Solution Blowing of Polyacrylonitrile Nanofiber Mats Containing Fluoropolymer for Protective Applications. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 775-781	2	6
211	Embedding phosphoric acid-doped cellulose nanofibers into sulfonated poly (ether sulfone) for proton exchange membrane. <i>Polymer</i> , <b>2018</b> , 156, 179-185	3.9	18
210	Self-Assembly DBS Nanofibrils on Solution-Blown Nanofibers as Hierarchical Ion-Conducting Pathway for Direct Methanol Fuel Cells. <i>Polymers</i> , <b>2018</b> , 10,	4.5	3
209	UV-mediated solid-state cross-linking of electrospinning nanofibers of modified collagen. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 2086-2093	7.9	14
208	A novel hot-pressed electrospun polyimide separator for lithium-sulfur batteries. <i>Materials Letters</i> , <b>2018</b> , 233, 224-227	3.3	18
207	Preparation of durable and flame retardant lyocell fibers by a one-pot chemical treatment. <i>Cellulose</i> , <b>2018</b> , 25, 6745-6758	5.5	26
206	ZnS nanoparticles anchored on porous carbon nanofibers as anode materials for lithium ion batteries. <i>Electrochemistry Communications</i> , <b>2018</b> , 96, 1-5	5.1	25
205	Facilitation of lithium polysulfides adsorption by nitrogen doped carbon nanofibers with 3D interconnected pore structures for high-stable lithium-sulfur batteries. <i>Electrochimica Acta</i> , <b>2018</b> , 281, 257-265	6.7	24
204	Graphene oxide hybrid poly(p-phenylene sulfide) nanofiltration membrane intercalated by bis(triethoxysilyl) ethane. <i>Chemical Engineering Journal</i> , <b>2018</b> , 352, 10-19	14.7	16
203	Electrospun poly(vinylidene-fluoride)/POSS nanofiber membrane-based polymer electrolytes for lithium ion batteries. <i>Polymer Composites</i> , <b>2017</b> , 38, 629-636	3	13
202	Fabrication and catalytic behavior of hierarchically-structured nylon 6 nanofiber membrane decorated with silver nanoparticles. <i>Chinese Journal of Catalysis</i> , <b>2017</b> , 38, 73-82	11.3	7
201	Enhanced removal of azo dye using modified PAN nanofibrous membrane Fe complexes with adsorption/visible-driven photocatalysis bifunctional roles. <i>Applied Surface Science</i> , <b>2017</b> , 404, 206-215	6.7	47
200	Fabrication and characterization of dual-functional ultrafine composite fibers with phase-change energy storage and luminescence properties. <i>Scientific Reports</i> , <b>2017</b> , 7, 40390	4.9	23
199	Preparation of a polyvinylidene fluoride tree-like nanofiber mat loaded with manganese dioxide for highly efficient lead adsorption. <i>RSC Advances</i> , <b>2017</b> , 7, 8220-8229	3.7	16

198	Synthesis and characterization of cellulose acetate naphthoate with good ultraviolet and chemical resistance. <i>E-Polymers</i> , <b>2017</b> , 17, 333-340	2.7	2
197	Preparation of a polyphenylene sulfide membrane from a ternary polymer/solvent/non-solvent system by thermally induced phase separation. <i>RSC Advances</i> , <b>2017</b> , 7, 10503-10516	3.7	26
196	Polyvinyl Alcohol-derived carbon nanofibers/carbon nanotubes/sulfur electrode with honeycomb-like hierarchical porous structure for the stable-capacity lithium/sulfur batteries. <i>Journal of Power Sources</i> , <b>2017</b> , 346, 1-12	8.9	44
195	Higher UV-shielding ability and lower photocatalytic activity of TiO <sub>2</sub> @SiO <sub>2</sub> /APTES and its excellent performance in enhancing the photostability of poly(p-phenylene sulfide). <i>RSC Advances</i> , <b>2017</b> , 7, 21758-21767 <sup>43</sup>	3.7	43
194	Rational design of N-doped carbon nanobox-supported Fe/Fe <sub>2</sub> N/Fe <sub>3</sub> C nanoparticles as efficient oxygen reduction catalysts for Zn-air batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 11340-11347	13	50
193	Preparation and characterization of proton exchange membranes with through-membrane proton conducting channels. <i>Ionics</i> , <b>2017</b> , 23, 2359-2366	2.7	4
192	Polyamide thin film composite nanofiltration membrane modified with acyl chlorided graphene oxide. <i>Journal of Membrane Science</i> , <b>2017</b> , 535, 208-220	9.6	105
191	A boosting extreme learning machine for near-infrared spectral quantitative analysis of diesel fuel and edible blend oil samples. <i>Analytical Methods</i> , <b>2017</b> , 9, 2983-2989	3.2	22
190	Preparation of elastomeric tree-like nanofiber membranes using thermoplastic polyurethane by one-step electrospinning. <i>Materials Letters</i> , <b>2017</b> , 205, 190-193	3.3	10
189	The preparation of continuous CeO <sub>2</sub> /CuO/Al <sub>2</sub> O <sub>3</sub> ultrafine fibers by electro-blowing spinning (EBS) and its photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 12580-12590 <sup>1</sup>	2.1	7
188	Design and fabrication of flexible mesoporous Si-doped Al <sub>2</sub> O <sub>3</sub> ultrafine fibers by electro-blow spinning (EBS) technique. <i>Ceramics International</i> , <b>2017</b> , 43, 9729-9737	5.1	9
187	A fluorescent and colorimetric sensor based on a porphyrin doped polystyrene nanoporous fiber membrane for HCl gas detection. <i>RSC Advances</i> , <b>2017</b> , 7, 26849-26856	3.7	18
186	Development of smart poly(vinylidene fluoride)-graft-poly(acrylic acid) tree-like nanofiber membrane for pH-responsive oil/water separation. <i>Journal of Membrane Science</i> , <b>2017</b> , 534, 1-8	9.6	117
185	Electrospun SiO <sub>2</sub> /PMIA nanofiber membranes with higher ionic conductivity for high temperature resistance lithium-ion batteries. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 212-220	2	23
184	Widening CO <sub>2</sub> -facilitated transport passageways in SPEEK matrix using polymer brushes functionalized double-shelled organic submicrocapsules for efficient gas separation. <i>Journal of Membrane Science</i> , <b>2017</b> , 525, 330-341	9.6	13
183	Experimental and Numerical Investigation of Hollow Fiber Membrane Module Length and Aeration Intensity. <i>Environmental Engineering Science</i> , <b>2017</b> , 34, 410-417	2	
182	Novel affinity membranes with macrocyclic spacer arms synthesized via click chemistry for lysozyme binding. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 327, 97-107	12.8	7
181	A novel flexible sensor for respiratory monitoring based on in situ polymerization of polypyrrole and polyurethane coating. <i>RSC Advances</i> , <b>2017</b> , 7, 49576-49585	3.7	12

180	Preparation of Hollow Fiber Membranes by Nonsolvent Induced Phase Separation along with Hydrogen Gas Formation Using a Single Orifice Spinneret. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700282	3.9	2
179	Solution blown biofunctionalized poly(vinylidene fluoride) nanofibers for application in proton exchange membrane fuel cells. <i>Electrochimica Acta</i> , <b>2017</b> , 258, 24-33	6.7	24
178	Quantitative analysis of cellulose acetate with a high degree of substitution by FTIR and its application. <i>Analytical Methods</i> , <b>2017</b> , 9, 6194-6201	3.2	64
177	SiC-fixed organophilic montmorillonite hybrids for poly(phenylene sulfide) composites with enhanced oxidation resistance. <i>RSC Advances</i> , <b>2017</b> , 7, 46678-46689	3.7	11
176	Designing MnO <sub>2</sub> & carbon composite porous nanofiber structure for supercapacitor applications. <i>Electrochimica Acta</i> , <b>2017</b> , 258, 116-123	6.7	29
175	Novel structure design of composite proton exchange membranes with continuous and through-membrane proton-conducting channels. <i>Journal of Power Sources</i> , <b>2017</b> , 365, 92-97	8.9	14
174	Emulsion-Blow Spun Self-Sustained Crystalline Silicon Carbide (SiC) Fiber Mat and Its Conductivity Property. <i>Transactions of the Indian Ceramic Society</i> , <b>2017</b> , 76, 159-164	1.8	3
173	A template/electrochemical deposition method for fabricating silver nanorod arrays based on porous anodic alumina. <i>Nanomaterials and Nanotechnology</i> , <b>2017</b> , 7, 184798041771754	2.9	7
172	A F-doped tree-like nanofiber structural poly-m-phenyleneisophthalamide separator for high-performance lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2017</b> , 362, 243-249	8.9	45
171	PVDF/Cu-BTC composite membranes for dye separation. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 1250-1254	2	8
170	Electro-blown spun PS/PAN fibrous membrane for highly efficient oil/water separation. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 1988-1994	2	10
169	Green Synthesis of 5-Hydroxymethylfurfural from Chitosan Biomass Catalyzed by Benzimidazole-Based Ionic Liquids. <i>ChemistrySelect</i> , <b>2017</b> , 2, 10323-10328	1.8	10
168	C as fine fillers to improve poly(phenylene sulfide) electrical conductivity and mechanical property. <i>Scientific Reports</i> , <b>2017</b> , 7, 4443	4.9	18
167	Designing waterproof breathable material with moisture unidirectional transport characteristics based on a TPU/TBAC tree-like and TPU nanofiber double-layer membrane fabricated by electrospinning. <i>RSC Advances</i> , <b>2017</b> , 7, 32155-32163	3.7	55
166	Antibacterial blend films of cellulose and chitosan prepared from binary ionic liquid system. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 852-858	2	15
165	A novel method for fabricating elastic conductive polyurethane filaments by in-situ reduction of polydopamine and electroless silver plating. <i>Materials and Design</i> , <b>2017</b> , 113, 254-263	8.1	33
164	Preparation and characterization of PVA-based carbon nanofibers with honeycomb-like porous structure via electro-blown spinning method. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 239, 416-425	5.3	41
163	A Comparative Study of Poly(tetrafluoroethylene) Ultrafine Fibrous Porous Membranes Prepared by Electrospinning, Solution Blowing Spinning, and Electroblown Spinning. <i>Chemistry Letters</i> , <b>2017</b> , 46, 131-134	1.7	3

162	A novel mixed matrix membrane allowing for flow-through removal of boron. <i>Chemical Engineering Journal</i> , <b>2017</b> , 308, 557-567	14.7	17
161	Surface modified glass fiber membranes with superior chemical and thermal resistance for O/W separation. <i>Chemical Engineering Journal</i> , <b>2017</b> , 309, 30-40	14.7	32
160	Modification of Nafion membrane with biofunctional SiO <sub>2</sub> nanofiber for proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , <b>2017</b> , 340, 201-209	8.9	99
159	A review of recent developments in rechargeable lithium-sulfur batteries. <i>Nanoscale</i> , <b>2016</b> , 8, 16541-16588	13.8	269
158	Coordination Kinetics of Different Metal Ions with the Amidoximated Polyacrylonitrile Nanofibrous Membranes and Catalytic Behaviors of their Complexes. <i>Bulletin of the Korean Chemical Society</i> , <b>2016</b> , 37, 1934-1941	1.2	5
157	One-step bimodel grafting via a multicomponent reaction toward antifouling and antibacterial TFC RO membranes. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15945-15960	13	40
156	A review on separators for lithium-sulfur battery: Progress and prospects. <i>Journal of Power Sources</i> , <b>2016</b> , 331, 132-155	8.9	188
155	Fabrication of a polyvinylidene fluoride tree-like nanofiber web for ultra high performance air filtration. <i>RSC Advances</i> , <b>2016</b> , 6, 91243-91249	3.7	29
154	Hydrophilic Graphene Preparation from Gallic Acid Modified Graphene Oxide in Magnesium Self-Propagating High Temperature Synthesis Process. <i>Scientific Reports</i> , <b>2016</b> , 6, 35184	4.9	34
153	Preparation and low-temperature gas-sensing properties of SnO <sub>2</sub> ultra-fine fibers fabricated by a centrifugal spinning process. <i>Journal of Sol-Gel Science and Technology</i> , <b>2016</b> , 78, 353-364	2.3	12
152	Sensitive and fast optical HCl gas sensor using a nanoporous fiber membrane consisting of poly(lactic acid) doped with tetraphenylporphyrin. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 1713-1720	5.8	30
151	Electrospun cellulose acetate/poly(vinylidene fluoride) nanofibrous membrane for polymer lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , <b>2016</b> , 20, 2791-2803	2.6	37
150	High efficiency fabrication of ultrahigh molecular weight polyethylene submicron filaments/sheets by flash-spinning. <i>Journal of Polymer Engineering</i> , <b>2016</b> , 36, 97-102	1.4	5
149	Formation of larger-area graphene from small GO sheets in the presence of basic divalent sulfide species and its use in biomass conversion. <i>RSC Advances</i> , <b>2016</b> , 6, 11176-11184	3.7	8
148	Fabrication of polyvinylidene fluoride tree-like nanofiber via one-step electrospinning. <i>Materials and Design</i> , <b>2016</b> , 92, 95-101	8.1	59
147	Selective oxidation of 5-hydroxymethylfurfural with H <sub>2</sub> O <sub>2</sub> catalyzed by a molybdenum complex. <i>Green Chemistry</i> , <b>2016</b> , 18, 2122-2128	10	47
146	Fabrication of porous Fe <sub>2</sub> O <sub>3</sub> /PTFE nanofiber membranes and their application as a catalyst for dye degradation. <i>RSC Advances</i> , <b>2016</b> , 6, 32646-32652	3.7	27
145	Chitin nanowhisiker-supported sulfonated poly(ether sulfone) proton exchange for fuel cell applications. <i>Carbohydrate Polymers</i> , <b>2016</b> , 140, 195-201	10.3	27

144	Hollow carbon microfibres fabricated using coaxial centrifugal spinning. <i>Micro and Nano Letters</i> , <b>2016</b> , 11, 74-76	0.9	8
143	Syntheses of flame-retardant cellulose esters and their fibers. <i>Fibers and Polymers</i> , <b>2016</b> , 17, 1-8	2	5
142	Preparation of poly (tetrafluoroethylene) nanofiber film by electro-blown spinning method. <i>Materials Letters</i> , <b>2016</b> , 171, 236-239	3.3	19
141	A Novel Two-Step Method for Fabricating Silver Plating Cotton Fabrics. <i>Journal of Nanomaterials</i> , <b>2016</b> , 2016, 1-11	3.2	10
140	A Novel Polyvinylidene Fluoride Tree-Like Nanofiber Membrane for Microfiltration. <i>Nanomaterials</i> , <b>2016</b> , 6,	5.4	13
139	POSS/PU electrospinning nanofibers membrane with enhanced blood compatibility. <i>RSC Advances</i> , <b>2016</b> , 6, 65756-65762	3.7	13
138	Effects of diameter and aspect ratio of carbon nanotubes on crystalline and electrical properties of poly(ethylene terephthalate) nanocomposites. <i>Polymer Engineering and Science</i> , <b>2016</b> , 56, 408-417	2.3	5
137	The preparation and study of poly(vinylidene fluoride)/ultrahigh-molecular-weight polyethylene/SiO <sub>2</sub> hollow fiber membrane with network enhanced structure. <i>Reactive and Functional Polymers</i> , <b>2016</b> , 109, 64-69	4.6	8
136	Electrospun polyacrylonitrile/magnetic Fe <sub>3</sub> O <sub>4</sub> polyhedral oligomeric silsesquioxanes nanocomposite fibers with enhanced filter performance for electrets filter media. <i>Journal of Materials Research</i> , <b>2016</b> , 31, 2662-2671	2.5	5
135	Characterization and antibacterial properties of Ag NPs doped nylon 6 tree-like nanofiber membrane prepared by one-step electrospinning. <i>Fibers and Polymers</i> , <b>2016</b> , 17, 2006-2013	2	6
134	Excellent performance of TiO <sub>2</sub> (B) nanotubes in selective transesterification of DMC with phenol derivatives. <i>Chemical Engineering Journal</i> , <b>2016</b> , 301, 12-18	14.7	22
133	Preparation of porous CeO <sub>2</sub> /CuO/Al <sub>2</sub> O <sub>3</sub> fibers via electro-blown spinning method. <i>Materials Letters</i> , <b>2016</b> , 164, 460-463	3.3	7
132	Solution Blown Silicon Carbide Porous Nanofiber Membrane as Electrode Materials for Supercapacitors. <i>Electrochimica Acta</i> , <b>2016</b> , 207, 257-265	6.7	33
131	Zinc(II)porphyrin-poly(lactic acid) nanoporous fiber membrane for ammonia gas detection. <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 911-917	2.4	4
130	Effect of lithium chloride on cellulose/1-allyl-3-methylimidazolium chloride solutions. <i>Rheologica Acta</i> , <b>2016</b> , 55, 423-430	2.3	4
129	Preparation and characterization of hollow Fe <sub>2</sub> O <sub>3</sub> ultra-fine fibers by centrifugal spinning. <i>Materials and Design</i> , <b>2016</b> , 96, 439-445	8.1	18
128	Method for fabricating polymethylmethacrylate micro-nanotube arrays based on spin-coating method and PAA templates. <i>Micro and Nano Letters</i> , <b>2016</b> , 11, 221-223	0.9	4
127	Effects of hydrogen bonding between MWCNT and PPS on the properties of PPS/MWCNT composites. <i>RSC Advances</i> , <b>2016</b> , 6, 92378-92386	3.7	13

126	Electrospun poly(tetrafluoroethylene) nanofiber membranes from PTFE-PVA-BA-H <sub>2</sub> O gel-spinning solutions. <i>Fibers and Polymers</i> , <b>2016</b> , 17, 1403-1413	2	14
125	Graphene Preparation by Phenylmagnesium Bromide and Its Excellent Electrical Conductivity Performance in Graphene/Poly(p-phenylene sulfide) Composites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 10860-10867	3.9	4
124	A thermostability gel polymer electrolyte with electrospun nanofiber separator of organic F-doped poly-m-phenyleneisophthalamide for lithium-ion battery. <i>Electrochimica Acta</i> , <b>2016</b> , 216, 276-286	6.7	43
123	Efficient conversion of chitin biomass into 5-hydroxymethylfurfural over metal salts catalysts in dimethyl sulfoxide-water mixture under hydrothermal conditions. <i>Polymer Degradation and Stability</i> , <b>2016</b> , 134, 105-114	4.7	26
122	Direct conversion of chitosan to 5-hydroxymethylfurfural in water using Brønsted-Lewis acidic ionic liquids as catalysts. <i>RSC Advances</i> , <b>2016</b> , 6, 103774-103781	3.7	25
121	Photocatalytic Degradation Performance of TiO <sub>2</sub> /PTFE Membrane Catalyst to Methylene Blue. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1440-1443	1.7	5
120	Self-templating synthesis of a fluorescent porphyrin doped poly(methyl methacrylate) nano-array and its HCl gas sensing properties. <i>Analytical Methods</i> , <b>2016</b> , 8, 6489-6493	3.2	6
119	Preparation and catalytic behavior of hollow Ag/carbon nanofibers. <i>Catalysis Communications</i> , <b>2015</b> , 69, 150-153	3.2	18
118	The excellent performance of amorphous Cr <sub>2</sub> O <sub>3</sub> , SnO <sub>2</sub> , SrO and graphene oxide-ferric oxide in glucose conversion into 5-HMF. <i>Catalysis Communications</i> , <b>2015</b> , 69, 76-80	3.2	38
117	A Novel Ethanol Induced and Stabilized Hierarchical Nanorods: Hydroxyapatite Nanopencil. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 1702-1705	3.8	12
116	Luminescent polymethacrylate composite nanofibers containing a benzoic acid rare earth complex: Morphology and luminescence properties. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 641, 132-138	5.7	13
115	Polymethacrylate-based fiber containing an interpenetrating polymer network and its use for oil absorption. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 8-16	2	8
114	Brij-58 template synthesis of self-assembled thermostable lamellar crystalline zirconia via a reflux-hydrothermal hybrid method. <i>RSC Advances</i> , <b>2015</b> , 5, 36467-36471	3.7	2
113	Solution blowing of activated carbon nanofibers for phenol adsorption. <i>RSC Advances</i> , <b>2015</b> , 5, 5801-5808	3.7	25
112	Exfoliated graphite as a filler to improve poly(phenylene sulfide) electrical conductivity and mechanical properties. <i>RSC Advances</i> , <b>2015</b> , 5, 13840-13849	3.7	15
111	A novel method for fabricating self-ordered porous anodic alumina with wide interpore distance using phosphoric/oxalic acid mixed electrolyte. <i>Materials Letters</i> , <b>2015</b> , 151, 79-81	3.3	6
110	A comparative study of UHMWPE fibers prepared by flash-spinning and gel-spinning. <i>Materials Letters</i> , <b>2015</b> , 147, 79-81	3.3	20
109	Dynamic rheological property and membrane formation of mechanochemically modified polyvinylchloride. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 4371-4378	4.3	9

108	Influence of temperature on the solution rheology of cellulose in 1-ethyl-3-methylimidazolium chloride/dimethyl sulfoxide. <i>Cellulose</i> , <b>2015</b> , 22, 3077-3087	5.5	21
107	A comparative study of alumina fibers prepared by electro-blown spinning (EBS) and solution blowing spinning (SBS). <i>Materials Letters</i> , <b>2015</b> , 160, 533-536	3.3	31
106	Coaxial solution blowing of modified hollow polyacrylonitrile (PAN) nanofiber Fe complex (Fe-AO-CSB-HPAN) as a heterogeneous Fenton photocatalyst for organic dye degradation. <i>RSC Advances</i> , <b>2015</b> , 5, 68439-68445	3.7	11
105	Flexible hollow CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> fibers: preparation, characterization and dye adsorption efficiency. <i>RSC Advances</i> , <b>2015</b> , 5, 84535-84542	3.7	13
104	Dissolution and utilization of chitosan in a 1-carboxymethyl-3-methylimidazolium hydrochloride ionic salt aqueous solution. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	3
103	A simple but efficient zwitterionization method towards cellulose membrane with superior antifouling property and biocompatibility. <i>Journal of Membrane Science</i> , <b>2015</b> , 492, 547-558	9.6	48
102	Efficient conversion of chitosan into 5-hydroxymethylfurfural via hydrothermal synthesis in ionic liquids aqueous solution. <i>Polymer Degradation and Stability</i> , <b>2015</b> , 121, 331-339	4.7	25
101	Preparation of flexible ultra-fine Al <sub>2</sub> O <sub>3</sub> fiber mats via the solution blowing method. <i>Ceramics International</i> , <b>2015</b> , 41, 409-415	5.1	36
100	Preparation and flame retardancy of 3-(hydroxyphenylphosphinyl)-propanoic acid esters of cellulose and their fibers. <i>Cellulose</i> , <b>2015</b> , 22, 229-244	5.5	13
99	An efficient method for synthesis of 3-arylbenzo[f]quinoline-1,2-dicarboxylates catalyzed by SnCl <sub>2</sub> . <i>Research on Chemical Intermediates</i> , <b>2015</b> , 41, 6967-6974	2.8	
98	Solution blown sulfonated poly(ether sulfone)/poly(ether sulfone) nanofiber-Nafion composite membranes for proton exchange membrane fuel cells. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	8
97	Solution-blown SPEEK/POSS nanofiber/Nafion hybrid composite membranes for direct methanol fuel cells. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	7
96	Generation of nanofibers via electrostatic-Induction-assisted solution blow spinning. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	15
95	Fabrication of Cu-BTC metal organic frameworks on PVDF hollow fiber membrane for gas separation via multiple reactions. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 2130-2134	2	2
94	Role of a gradient interface layer in interfacial enhancement of carbon fiber/epoxy hierarchical composites. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 112-121	4.3	61
93	Synthesis, characterization and catalytic application of novel ionic liquids based on thiazolium cation. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 204, 156-161	6	19
92	Synthesis and Characterization of Poly(vinyl pyrrolidone)/Reduced Graphene Oxide Nanocomposite. <i>Journal of Macromolecular Science - Physics</i> , <b>2015</b> , 54, 481-491	1.4	12
91	Graphene modified sodium vanadium fluorophosphate as a high voltage cathode material for sodium ion batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 160, 330-336	6.7	62



90	Synthesis and Performance of Thermoplastic Polyurethane-Based Solid-Solid Phase-Change Materials for Energy Storage. <i>Science of Advanced Materials</i> , <b>2015</b> , 7, 2420-2426	2-3	3
89	The Factors Affecting the Shear Viscosity of Poly (Ethylene Terephthalate) Melt Under Reverse Pressure. <i>Journal of Testing and Evaluation</i> , <b>2015</b> , 43, 20130275	1	
88	Melt blowing of ionic liquid-based cellulose solutions. <i>Fibers and Polymers</i> , <b>2014</b> , 15, 291-296	2	7
87	The structure of organotin oxides playing a key role on the transesterification of dimethyl carbonate with hydrogenated bisphenol A. <i>Korean Journal of Chemical Engineering</i> , <b>2014</b> , 31, 427-430	2-8	4
86	Carbonaceous nanofiber-supported sulfonated poly(ether ether ketone) membranes for fuel cell applications. <i>Materials Letters</i> , <b>2014</b> , 115, 248-251	3-3	25
85	Rheological behaviors of cellulose in 1-ethyl-3-methylimidazolium chloride/dimethylsulfoxide. <i>Carbohydrate Polymers</i> , <b>2014</b> , 110, 292-7	10-3	32
84	High selective autocatalytic esterification of glutamic acid by benzyl alcohol with CuCl <sub>2</sub> promoting. <i>Catalysis Communications</i> , <b>2014</b> , 48, 15-18	3-2	2
83	Solution blowing of chitosan/PVA hydrogel nanofiber mats. <i>Carbohydrate Polymers</i> , <b>2014</b> , 101, 1116-21	10-3	105
82	Enhanced interfacial interaction of epoxy nanocomposites with activated graphene nanosheets. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2-9	9
81	Solution blowing of poly(dimethylsiloxane)/nylon 6 nanofiber mats for protective applications. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2014</b> , 32, 786-792	3-5	7
80	Influence of reverse pressure on the shear viscosity of hydrophilic poly(ethylene terephthalate) melt. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2014</b> , 32, 923-930	3-5	2
79	Fabrication of ZrO <sub>2</sub> ceramic fiber mats by solution blowing process. <i>Ceramics International</i> , <b>2014</b> , 40, 15013-15018	5-1	32
78	Lauric acid template synthesis of thermally stable lamellar crystalline zirconia via a reflux-hydrothermal route. <i>Materials Letters</i> , <b>2014</b> , 122, 309-311	3-3	4
77	Flow behavior and linear viscoelasticity of cellulose 1-allyl-3-methylimidazolium formate solutions. <i>Carbohydrate Polymers</i> , <b>2014</b> , 99, 132-9	10-3	15
76	Solution blowing of continuous carbon nanofiber yarn and its electrochemical performance for supercapacitors. <i>Chemical Engineering Journal</i> , <b>2014</b> , 237, 308-311	14-7	54
75	Synthesis, characterization, and thermal energy storage properties of a novel thermoplastic polyurethane phase change material. <i>Materials Letters</i> , <b>2014</b> , 121, 15-18	3-3	22
74	A design of gradient interphase reinforced by silanized graphene oxide and its effect on carbon fiber/epoxy interface. <i>Materials Chemistry and Physics</i> , <b>2014</b> , 145, 186-196	4-4	107
73	Coaxial solution blown core-shell structure nanofibers for drug delivery. <i>Macromolecular Research</i> , <b>2013</b> , 21, 346-348	1-9	10

72	Ambient temperature copper-mediated living radical polymerization of acrylonitrile with Me6TREN as the reducing agent. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 1690-1694	2.5	9
71	Effective conversion sucrose into 5-hydroxymethylfurfural by tyrosine in [Emim]Br. <i>Journal of Molecular Catalysis A</i> , <b>2013</b> , 379, 350-354		16
70	Solution blowing nylon 6 nanofiber mats for air filtration. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 1485-1490	2	45
69	Viscoelasticity and rheology in the regimes from dilute to concentrated in cellulose 1-ethyl-3-methylimidazolium acetate solutions. <i>Cellulose</i> , <b>2013</b> , 20, 1343-1352	5.5	40
68	Solution blown aligned carbon nanofiber yarn as supercapacitor electrode. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 4769-4773	2.1	25
67	Electrocatalytic oxidation of n-propanol to produce propionic acid using an electrocatalytic membrane reactor. <i>Chemical Communications</i> , <b>2013</b> , 49, 4501-3	5.8	28
66	In situ Cu(0)-mediated single electron transfer living radical polymerization of methyl methacrylate using nickel powder. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 1559-1564	2.5	7
65	Study on the reaction between bisphenol A and dimethyl carbonate over organotin oxide. <i>Catalysis Communications</i> , <b>2013</b> , 33, 20-23	3.2	16
64	Solution blowing of ZnO nanoflake-encapsulated carbon nanofibers as electrodes for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 13779	13	72
63	Nascent Cu(0) nanoparticles-mediated single electron transfer living radical polymerization of acrylonitrile at ambient temperature. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 1468-1474	2.5	14
62	CuBr <sub>2</sub> /Me6TREN-mediated living radical polymerization of methyl methacrylate at ambient temperature. <i>Polymer</i> , <b>2013</b> , 54, 148-154	3.9	14
61	Solution blown nanofibrous membrane for microfiltration. <i>Journal of Membrane Science</i> , <b>2013</b> , 429, 66-70.6		68
60	Removal of Textile Dyes from Aqueous Solution by Heterogeneous Photo-Fenton Reaction Using Modified PAN Nanofiber Fe Complex as Catalyst. <i>International Journal of Photoenergy</i> , <b>2013</b> , 2013, 1-9	2.1	21
59	Preparation of Polyacrylonitrile Nanofibers by Solution Blowing Process. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2013</b> , 8, 155892501300800	0.9	8
58	Solution Blowing of Silicon Carbide nanofiber and its thermal stability. <i>Science of Advanced Materials</i> , <b>2013</b> , 5, 209-215	2.3	13
57	Preparation and performance of a novel thermoplastics polyurethane solid-solid phase change materials for energy storage. <i>Solar Energy Materials and Solar Cells</i> , <b>2012</b> , 102, 36-43	6.4	60
56	Development and performance study of polypropylene/polyester bicomponent melt-blown for filtration. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 296-301	2.9	18
55	Rheological characterization of concentrated cellulose solutions in 1-allyl-3-methylimidazolium chloride. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 3419-3425	2.9	36

54	Synthesis and thermal energy storage properties of the polyurethane solid-solid phase change materials with a novel tetrahydroxy compound. <i>European Polymer Journal</i> , <b>2012</b> , 48, 1295-1303	5.2	47
53	Solution blowing of submicron-scale cellulose fibers. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 982-7	10.3	95
52	Mechanical properties and crystallization behavior of polypropylene non-woven fabrics reinforced with POSS and SiO <sub>2</sub> nanoparticles. <i>Fibers and Polymers</i> , <b>2012</b> , 13, 1015-1022	2	7
51	An Efficient and Green One-pot Synthesis of 12-Aryl-8,9,10,12-tetrahydrobenzo[a]xanthen-11-one Derivatives Promoted by Sulfamic Acid in [BMIM]BF <sub>4</sub> Ionic Liquid. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 362-366	4.9	6
50	Mechanical and electret properties of polypropylene unwoven fabrics reinforced with POSS for electret filter materials. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	11
49	4-Benzyl-4-ethyl-morpholin-1-ium hexa-fluoro-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o840		
48	Ultrasound-Promoted One-Pot Synthesis of 7-Aryl-7,10,11,12-tetrahydrobenzo[c]acridin-8(9H)-one Derivatives. <i>Synthetic Communications</i> , <b>2011</b> , 41, 3207-3214	1.7	9
47	Promotion of organotin modified SBA-15 in the selective carboxylation of BPA with DMC. <i>Catalysis Communications</i> , <b>2011</b> , 12, 932-935	3.2	9
46	DSC analysis of isothermally melt-crystallized bacterial poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) films. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2011</b> , 103, 1001-1006	4.1	30
45	Fabrication, structural characterization and sensing properties of polydiacetylene nanofibers templated from anodized aluminum oxide. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 155, 584-591	8.5	13
44	An Efficient One-pot Synthesis of Pyrazolone Derivatives Promoted by Acidic Ionic Liquid. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 2202-2204	4.9	5
43	The studies on the Friedel-Crafts acylation of toluene with acetic anhydride over HPW/TiO <sub>2</sub> . <i>Fuel Processing Technology</i> , <b>2011</b> , 92, 2011-2015	7.2	21
42	Ionic liquid under ultrasonic irradiation towards a facile synthesis of pyrazolone derivatives. <i>Ultrasonics Sonochemistry</i> , <b>2011</b> , 18, 68-72	8.9	47
41	3,3,6,6-Tetra-methyl-9-(2-nitro-phen-yl)-3,4,6,7-tetra-hydro-2H-xanthene-1,8(5H,9H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2129		2
40	Facile synthesis and characterization of flame retardant viscose fiber via graft copolymerization and chemical modification. <i>Frontiers of Materials Science in China</i> , <b>2010</b> , 4, 402-406		2
39	Manufacture and properties of cellulose/O-hydroxyethyl chitosan blend fibers. <i>Carbohydrate Polymers</i> , <b>2010</b> , 81, 541-544	10.3	30
38	Effects of VO <sub>x</sub> /AlMCM-41 Surface Structure on Ethylbenzene Oxydehydrogenation in the Presence of CO <sub>2</sub> . <i>Catalysis Letters</i> , <b>2010</b> , 135, 135-140	2.8	8
37	Thermal degradation kinetics of poly(O,O-diethyl-O-allylthiophosphate-co-acrylonitrile) in nitrogen. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 3705-3709	2.9	10

36	Fire-retardant copolymer of acrylonitrile with O,O-diethyl-O-allyl thiophosphate. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 1489-1494	2.9	16
35	Organically modified MCM-type material preparation and its usage in controlled amoxicillin delivery. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 342, 607-13	9.3	45
34	Studies on the carboxymethylation and methylation of bisphenol A with dimethyl carbonate over TiO <sub>2</sub> /SBA-15. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 315, 60-68		25
33	Electrospun chitosan/gelatin nanofibers containing silver nanoparticles. <i>Carbohydrate Polymers</i> , <b>2010</b> , 82, 524-527	10.3	105
32	An efficient ultrasound-promoted method for the one-pot synthesis of 7,10,11,12-tetrahydrobenzo[c]acridin-8(9H)-one derivatives. <i>Ultrasonics Sonochemistry</i> , <b>2010</b> , 17, 495-9	8.9	52
31	Ionic liquid [EMIM]OAc under ultrasonic irradiation towards the first synthesis of trisubstituted imidazoles. <i>Ultrasonics Sonochemistry</i> , <b>2010</b> , 17, 749-51	8.9	108
30	Preparation and characterization of rare earth fluorescent anti-counterfeiting fiber via sol-gel method. <i>Journal of Rare Earths</i> , <b>2010</b> , 28, 211-214	3.7	18
29	Synthesis, characterization and fluorescence properties of a novel rare earth complex for anti-counterfeiting material. <i>Journal of Rare Earths</i> , <b>2010</b> , 28, 75-78	3.7	13
28	Synthesis and characterization of a novel solid-solid phase change luminescence material. <i>Polymer International</i> , <b>2010</b> , 59, n/a-n/a	3.3	12
27	Preparation and characterization of a novel polymeric based solid-solid phase change heat storage material. <i>Energy Conversion and Management</i> , <b>2009</b> , 50, 1522-1528	10.6	54
26	Study on thermal decomposition kinetics of N,N'-bis(5,5-dimethyl-2-phospho-2-thio-1,3-dioxan-2-yl)ethylenediamine in air. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2009</b> , 4, 136-141		3
25	Ultrasound-promoted synthesis of oximes catalyzed by a basic ionic liquid [bmim]OH. <i>Ultrasonics Sonochemistry</i> , <b>2009</b> , 16, 301-3	8.9	71
24	Nitro-Group-Directed Selective Dealkylation. <i>Synthetic Communications</i> , <b>2009</b> , 39, 2053-2057	1.7	2
23	Debenzylation of benzyl phenyl ether and its derivatives with acetic anhydride over zeolite. <i>Catalysis Communications</i> , <b>2009</b> , 10, 518-521	3.2	4
22	1-Benzyl-3-methyl-imidazolium chloride 0.25-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o218		2
21	A green protocol for synthesis of methylene dioximes promoted by an ionic liquid [bmim]BF <sub>4</sub> . <i>Journal of Chemical Research</i> , <b>2009</b> , 2009, 465-467	0.6	
20	9,9-Dimethyl-12-phenyl-8,9-dihydro-12H-benzo[a]xanthen-11(10H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o3020		1
19	The decomposition of CCl <sub>4</sub> into diphenyl carbonate over MCM-41. <i>Catalysis Communications</i> , <b>2008</b> , 9, 1666-1670	3.2	12

18	Thermal Degradation Kinetics of N,N'-Di(diethoxythiophosphoryl)-1,4-phenylenediamine. <i>Chemical Research in Chinese Universities</i> , <b>2008</b> , 24, 628-631	2.2	3
17	Piperidinium 3-carb-oxy-4-hydroxy-benzene-sulfonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o1085		1
16	Synthesis, crystal structure, and thermal properties of N,N'-di(diethoxythiophosphoryl)-1,4-phenylenediamine. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2008</b> , 3, 304-308		1
15	Preparation and properties of 2-(2-aminoethoxy) ethyl chitosan/cellulose fiber using N-methylmorpholine-N-oxide process. <i>Fibers and Polymers</i> , <b>2008</b> , 9, 400-404	2	10
14	Nickel metal hydride battery separators fabricated from sulfonated nonwovens. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 272-275	2.9	2
13	The synthesis of diphenyl carbonate from dimethyl carbonate and phenol over mesoporous MoO <sub>3</sub> /SiMCM-41. <i>Journal of Molecular Catalysis A</i> , <b>2008</b> , 289, 100-105		30
12	2-Nitro-p-phenyl-ene bis-(toluene-sulfonate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o1816		1
11	4-Allyl-4-ethyl-morpholinium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2013		
10	Bis(acetophenone oxime) O,O'-methyl-ene ether. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o2452		
9	Preparation of polysulfone hollow fiber affinity membrane modified with mercapto and its recovery properties. I. Synthesis and preparation of hollow fiber matrix membrane. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 100, 758-771	2.9	2
8	Preparation of polysulfone hollow fiber affinity membrane modified with mercapto and its recovery properties. II. Preparation of PSF-SH hollow fiber affinity membrane for recovery of Hg <sup>2+</sup> . <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 100, 4795-4803	2.9	1
7	Studies on grafting of acrylic acid onto polypropylene melt-blown nonwovens induced by electron-beam preirradiation. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 4971-4977	2.9	12
6	N-(3-Nitrophenyl)-1-oxo-2,6,7-trioxa-1-phosphabicyclo[2.2.2]octane-4-carboxamide dimethylformamide solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o4195-o4197		
5	Association between atmospheric particulate matter and emergency room visits for cerebrovascular disease in Beijing, China. <i>Journal of Environmental Health Science &amp; Engineering</i> , 1	2.9	1
4	A Review on the Working Mechanisms and Structure Engineering of Renewable Biomass-Derived Materials for Advanced Lithium-Sulfur Batteries. <i>ChemElectroChem</i> ,	4.3	2
3	Novel collagen/GO-MWNT hybrid fibers with improved strength and toughness by dry-jet wet spinning. <i>Composite Interfaces</i> , 1-17	2.3	3
2	Preparation of Collagen/Aspartic Acid Nanocomposite Fibers and Their Self-Assembly Behaviors. <i>Journal of Natural Fibers</i> , 1-12	1.8	0
1	Interface construction of NiCo LDH/NiCoS based on the 2D ultrathin nanosheet towards oxygen evolution reaction. <i>Nano Research</i> ,	10	7

