

# Mohamed H El-Newehy

## List of Publications by Year in descending order

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195  
papers

8,443  
citations

36299

51  
h-index

58576

82  
g-index

196  
all docs

196  
docs citations

196  
times ranked

10030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of lanthanide-doped strontium aluminate nanoparticles encapsulated in polyacrylonitrile nanofibers: photoluminescence properties for anticounterfeiting applications. <i>Luminescence</i> , 2022, 37, 40-50.	2.9	18
2	Development of highly photoluminescent electrospun nanofibers for dual-mode secure authentication. <i>Ceramics International</i> , 2022, 48, 3495-3503.	4.8	40
3	Converging 3D Printing and Electrospinning: Effect of Poly(L-lactide)/Gelatin Based Short Nanofibers Aerogels on Tracheal Regeneration. <i>Macromolecular Bioscience</i> , 2022, 22, e2100342.	4.1	14
4	Production of photoluminescent transparent poly(methyl methacrylate) for smart windows. <i>Luminescence</i> , 2022, 37, 97-107.	2.9	20
5	Improving water desalination performance of electrospun carbon nanofibers by supporting with binary metallic carbide nanoparticles. <i>Ceramics International</i> , 2022, 48, 4741-4753.	4.8	8
6	Fabrication, microstructure characterization, and degradation performance of electrospun mats based on poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/polyethylene glycol blend for potential tissue engineering. <i>Luminescence</i> , 2022, 37, 323-331.	2.9	1
7	Fabrication of Nanofibers Based on Hydroxypropyl Starch/Polyurethane Loaded with the Biosynthesized Silver Nanoparticles for the Treatment of Pathogenic Microbes in Wounds. <i>Polymers</i> , 2022, 14, 318.	4.5	11
8	Chondroitin sulfate cross-linked three-dimensional tailored electrospun scaffolds for cartilage regeneration. <i>Materials Science and Engineering C</i> , 2022, 134, 112643.	7.3	15
9	Immobilization of lanthanide doped aluminate phosphor onto recycled polyester toward the development of long-persistent photoluminescence smart window. <i>Luminescence</i> , 2022, 37, 610-621.	2.9	15
10	Iron oxide supercapacitor of high volumetric energy and power density using binder-free supersonic spraying and self-healing rGO. <i>Ceramics International</i> , 2022, 48, 13684-13694.	4.8	10
11	Electrospun zinc-manganese bimetallic oxide carbon nanofibers as freestanding supercapacitor electrodes. <i>International Journal of Energy Research</i> , 2022, 46, 22100-22112.	4.5	7
12	Hollow carbon fibers and flakes derived from <i>Calotropis procera</i> as adsorbents for dye removal from aqueous solutions. <i>Materials Chemistry and Physics</i> , 2022, 279, 125752.	4.0	9
13	Wearable fabric supercapacitors based on CNTs and polyhedral ZnO with a wide potential window. <i>International Journal of Energy Research</i> , 2022, 46, 8186-8200.	4.5	5
14	Fabrication of Biohybrid Nanofibers by the Green Electrospinning Technique and Their Antibacterial Activity. <i>ACS Omega</i> , 2022, 7, 7311-7319.	3.5	12
15	Wearable multifunctional soft sensor and contactless 3D scanner using supersonically sprayed silver nanowires, carbon nanotubes, zinc oxide, and PEDOT:PSS. <i>NPG Asia Materials</i> , 2022, 14, .	7.9	14
16	Prodrug inspired bilayered electrospun membrane with properties of enhanced tissue integration for guided tissue regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, , .	3.4	1
17	Flexible and freestanding manganese/iron oxide carbon nanofibers for supercapacitor electrodes. <i>Ceramics International</i> , 2022, 48, 18374-18383.	4.8	26
18	Development of Luminescent Solution Blown Spun Nanofibers from Recycled Polyester Waste Toward Dual-mode Fluorescent Photochromism. <i>Journal of Polymers and the Environment</i> , 2022, 30, 3483-3494.	5.0	26

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19	Tragacanth Gum Hydrogel-Derived Trimetallic Nanoparticles Supported on Porous Carbon Catalyst for Urea Electrooxidation. <i>Gels</i> , 2022, 8, 292.	4.5	10
20	Electrospun biodegradable nanofibers loaded with epigallocatechin gallate for guided bone regeneration. <i>Composites Part B: Engineering</i> , 2022, 238, 109920.	12.0	17
21	Facile Preparation of Porous Carbon Flake-Supported Nickel Nanoplates as Effective Catalysts for Methanol Electrooxidation. <i>Catalysts</i> , 2022, 12, 556.	3.5	1
22	Antidiabetic Wound Dressing Materials Based on Cellulosic Fabrics Loaded with Zinc Oxide Nanoparticles Synthesized by Solid-State Method. <i>Polymers</i> , 2022, 14, 2168.	4.5	1
23	Synergistic effect of glucagon-like peptide-1 analogue liraglutide and ZnO on the antibacterial, hemostatic, and wound healing properties of nanofibrous dressings. <i>Journal of Bioscience and Bioengineering</i> , 2022, 134, 248-258.	2.2	10
24	Preparation of novel reversible thermochromic polyethylenimine dendrimer and tricyanofuran hydrazone chromophore. <i>European Polymer Journal</i> , 2022, 174, 111344.	5.4	7
25	Fabrication of biohybrid electrospun nanofibers for the eradication of wound infection and drug-resistant pathogens. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125691.	4.7	12
26	Wound dressing properties of functionalized environmentally biopolymer loaded with selenium nanoparticles. <i>Journal of Molecular Structure</i> , 2021, 1225, 129138.	3.6	58
27	Nickel ferrite beehive-like nanosheets for binder-free and high-energy-storage supercapacitor electrodes. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156929.	5.5	44
28	Preparation of antibacterial film-based biopolymer embedded with vanadium oxide nanoparticles using one-pot laser ablation. <i>Journal of Molecular Structure</i> , 2021, 1225, 129163.	3.6	42
29	Core-shell nanofibers from poly(vinyl alcohol) based biopolymers using emulsion electrospinning as drug delivery system for cephalexin drug. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 130-144.	2.2	25
30	Decorated carbon nanofibers with mixed nickel <sup>2+</sup> manganese carbides for methanol electro-oxidation in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 6494-6512.	7.1	27
31	The Electrospinning Process. , 2021, , 153-185.		1
32	Seawater Absorption and Adhesion Properties of Hydrophobic and Superhydrophobic Thermoset Epoxy Nanocomposite Coatings. <i>Nanomaterials</i> , 2021, 11, 272.	4.1	7
33	In vivo study of conductive 3D printed PCL/MWCNTs scaffolds with electrical stimulation for bone tissue engineering. <i>Bio-Design and Manufacturing</i> , 2021, 4, 190-202.	7.7	46
34	Exploration of the antibacterial and wound healing potential of a PLGA/silk fibroin based electrospun membrane loaded with zinc oxide nanoparticles. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1452-1465.	5.8	78
35	Solution Blowing Spinning Technology towards Green Development of Urea Sensor Nanofibers Immobilized with Hydrazone Probe. <i>Polymers</i> , 2021, 13, 531.	4.5	30
36	Fabrication of Sustained Release System of Electrospun Poly(acrylic acid)/Dextran Nanofibers Using Emulsion Electrospinning as Wound Dressing Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 1613-1622.	0.9	2

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37	Immobilization of anthocyanin extract from red-cabbage into electrospun polyvinyl alcohol nanofibers for colorimetric selective detection of ferric ions. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105072.	6.7	43
38	Cotton fabric decorated with manganese oxide nanorods as a supercapacitive flexible electrode for wearable electronics. <i>Applied Surface Science</i> , 2021, 568, 150968.	6.1	9
39	In situ preparation of composites based on trishydrazino-s-triazine (1,4-/1,3-) benzene dicarboxyaldehyde with reduced graphene oxide and their electrical conductivity performance. <i>Journal of Materials Research and Technology</i> , 2021, 10, 1280-1290.	5.8	0
40	Effects of Technical Textiles and Synthetic Nanofibers on Environmental Pollution. <i>Polymers</i> , 2021, 13, 155.	4.5	67
41	Modified Electrospun Polymeric Nanofibers and Their Nanocomposites as Nanoadsorbents for Toxic Dye Removal from Contaminated Waters: A Review. <i>Polymers</i> , 2021, 13, 20.	4.5	59
42	Insights on the role of supporting electrospun carbon nanofibers with binary metallic carbides for enhancing their capacitive deionization performance. <i>Journal of Materials Research and Technology</i> , 2021, 15, 3795-3806.	5.8	5
43	Biocidal Polymers: Synthesis, Characterization and Antimicrobial Activity of Bis-Quaternary Onium Salts of Poly(aspartate-co-succinimide). <i>Polymers</i> , 2021, 13, 23.	4.5	8
44	Biocompatibility Computation of Muscle Cells on Polyhedral Oligomeric Silsesquioxane-Grafted Polyurethane Nanomatrix. <i>Nanomaterials</i> , 2021, 11, 2966.	4.1	9
45	Recent Advancements in Microbial Polysaccharides: Synthesis and Applications. <i>Polymers</i> , 2021, 13, 4136.	4.5	30
46	Aligned multi-walled carbon nanotubes with nanohydroxyapatite in a 3D printed polycaprolactone scaffold stimulates osteogenic differentiation. <i>Materials Science and Engineering C</i> , 2020, 108, 110374.	7.3	70
47	Splash suppression during wafer wet cleaning through drop penetration across metal meshes and porous fiber mats. <i>Journal of Visualization</i> , 2020, 23, 269-285.	1.8	4
48	PLCL/Silk fibroin based antibacterial nano wound dressing encapsulating oregano essential oil: Fabrication, characterization and biological evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111352.	5.0	40
49	Hydroxyethyl cellulose/bacterial cellulose cryogel dopped silver@titanium oxide nanoparticles: Antimicrobial activity and controlled release of Tebuconazole fungicide. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1010-1021.	7.5	63
50	Self-Nitrogen-Doped Nanoporous Carbons Derived from Poly(1,5-diaminonaphthalene) for the Removal of Toxic Dye Pollutants from Wastewater: Non-Linear Isotherm and Kinetic Analysis. <i>Polymers</i> , 2020, 12, 2563.	4.5	10
51	Synthesis of aminated electrospun carbon nanofibers and their application in removal of cationic dye. <i>Materials Research Bulletin</i> , 2020, 132, 111003.	5.2	12
52	Synthesis and characterization of imidazolium asphaltenes poly (ionic liquid) and application in asphaltene aggregation inhibition of heavy crude oil. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14682-14694.	5.8	21
53	Development of Green and Sustainable Cellulose Acetate/Graphene Oxide Nanocomposite Films as Efficient Adsorbents for Wastewater Treatment. <i>Polymers</i> , 2020, 12, 2501.	4.5	29
54	Polyspartate-Ionene/Na <sup>+</sup> -Montmorillonite Nanocomposites as Novel Adsorbent for Anionic Dye; Effect of Ionene Structure. <i>Polymers</i> , 2020, 12, 2843.	4.5	8

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55	In Situ Preparation of Novel Porous Nanocomposite Hydrogel as Effective Adsorbent for the Removal of Cationic Dyes from Polluted Water. <i>Polymers</i> , 2020, 12, 3002.	4.5	31
56	Enhancement the electrical conductivity of the synthesized polyvinylidene fluoride/polyvinyl chloride composite doped with palladium nanoparticles via laser ablation. <i>Journal of Materials Research and Technology</i> , 2020, 9, 11178-11188.	5.8	48
57	Electrospinning nanofiber scaffolds for soft and hard tissue regeneration. <i>Journal of Materials Science and Technology</i> , 2020, 59, 243-261.	10.7	135
58	Synthesis and Application of New Amphiphilic Asphaltene Ionic Liquid Polymers to Demulsify Arabic Heavy Petroleum Crude Oil Emulsions. <i>Polymers</i> , 2020, 12, 1273.	4.5	13
59	Biosurfactant electrospun nanofibers exhibit minimal side effects on the structure and function of the liver tissue in male rat model. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40009-40019.	5.3	2
60	Methylene blue degradation under visible light of metallic nanoparticles scattered into graphene oxide using laser ablation technique in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2020, 315, 113794.	4.9	74
61	A biodegradable multifunctional nanofibrous membrane for periodontal tissue regeneration. <i>Acta Biomaterialia</i> , 2020, 108, 207-222.	8.3	96
62	Supersonically sprayed Fe <sub>2</sub> O <sub>3</sub> /C/CNT composites for highly stable Li-ion battery anodes. <i>Chemical Engineering Journal</i> , 2020, 395, 125018.	12.7	55
63	An atorvastatin calcium and poly(L-lactide-co-caprolactone) core-shell nanofiber-covered stent to treat aneurysms and promote reendothelialization. <i>Acta Biomaterialia</i> , 2020, 111, 102-117.	8.3	20
64	Functionalized electrospun carbon nanofibers for removal of cationic dye. <i>Arabian Journal of Chemistry</i> , 2019, 12, 747-759.	4.9	46
65	Tissue Constructs with Human Adipose-Derived Mesenchymal Stem Cells to Treat Bone Defects in Rats. <i>Materials</i> , 2019, 12, 2268.	2.9	22
66	Single-nozzle Core-shell Electrospun Nanofibers of PVP/Dextran as Drug Delivery System. <i>Fibers and Polymers</i> , 2019, 20, 2078-2089.	2.1	27
67	Alkali-activated electrospun carbon nanofibers as an efficient bifunctional adsorbent for cationic and anionic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123835.	4.7	29
68	Effective adsorption of Coomassie brilliant blue dye using poly(phenylene diamine)grafted electrospun carbon nanofibers as a novel adsorbent. <i>Materials Chemistry and Physics</i> , 2019, 234, 133-145.	4.0	62
69	Fabrication of functionalized electrospun carbon nanofibers for enhancing lead-ion adsorption from aqueous solutions. <i>Scientific Reports</i> , 2019, 9, 19467.	3.3	44
70	Evaluation of clay-ionene nanocomposite carriers for controlled drug delivery: Synthesis, in vitro drug release, and kinetics. <i>Materials Chemistry and Physics</i> , 2019, 225, 122-132.	4.0	42
71	Controlled release of phosphorous fertilizer bound to carboxymethyl starch-g-polyacrylamide and maintaining a hydration level for the plant. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 224-231.	7.5	49
72	Fabrication of electrospun poly(vinyl alcohol)/dextran nanofibers via emulsion process as drug delivery system: Kinetics and in vitro release study. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 1250-1259.	7.5	122

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73	Low Temperature Synthesis of Cobalt-Chromium Carbide Nanoparticles-Doped Carbon Nanofibers. Journal of Nanoscience and Nanotechnology, 2018, 18, 2938-2942.	0.9	6
74	In-Situ Synthesis of Amorphous Co Nanoparticles Supported onto TiO <sub>2</sub> Nanofibers as a Catalyst for Hydrogen Generation from the Hydrolysis of Ammonia Borane. Journal of Nanoscience and Nanotechnology, 2018, 18, 4714-4719.	0.9	13
75	Green Electrospinning of Hydroxypropyl Cellulose Nanofibres for Drug Delivery Applications. Journal of Nanoscience and Nanotechnology, 2018, 18, 805-814.	0.9	62
76	One-step synthesis of Co-TiC-carbon composite nanofibers at low temperature. Ceramics International, 2017, 43, 5828-5831.	4.8	18
77	Facile synthesis of Ni-decorated multi-layers graphene sheets as effective anode for direct urea fuel cells. Arabian Journal of Chemistry, 2017, 10, 811-822.	4.9	42
78	Groove fibers based porous scaffold for cartilage tissue engineering application. Materials Letters, 2017, 192, 44-47.	2.6	9
79	Development of Dynamic Liquid and Conjugated Electrospun Poly(L-lactide-co-caprolactone)/Collagen Nanoyarns for Regulating Vascular Smooth Muscle Cells Growth. Journal of Biomedical Nanotechnology, 2017, 13, 303-312.	1.1	17
80	Preparation of zero-valent Co/N-CNFs as an immobilized thin film onto graphite disc for methanol electrooxidation. Fibers and Polymers, 2017, 18, 696-705.	2.1	14
81	Electrospun CoCr <sub>7</sub> C <sub>3</sub> -supported C nanofibers: Effective, durable, and chemically stable catalyst for H <sub>2</sub> gas generation from ammonia borane. Molecular Catalysis, 2017, 434, 32-38.	2.0	25
82	Fabrication and characterization of Antheraea pernyi silk fibroin-blended P(LLA-CL) nanofibrous scaffolds for peripheral nerve tissue engineering. Frontiers of Materials Science, 2017, 11, 22-32.	2.2	17
83	Electrospun Co-TiC nanoparticles embedded on carbon nanofibers: Active and chemically stable counter electrode for methanol fuel cells and dye-sensitized solar cells. International Journal of Hydrogen Energy, 2017, 42, 10407-10415.	7.1	30
84	Injectable photo crosslinked enhanced double-network hydrogels from modified sodium alginate and gelatin. International Journal of Biological Macromolecules, 2017, 96, 569-577.	7.5	91
85	Electrospun carbon nanofibers containing Co-TiC nanoparticles-like superficial protrusions as a catalyst for H <sub>2</sub> gas production from ammonia borane complex. Ceramics International, 2017, 43, 15735-15742.	4.8	22
86	Synthesis of Cu-S-Codoped TiO <sub>2</sub> Nanoparticles Supported on Carbon Nanofibers for Simultaneous Adsorption and Photocatalytic Decomposition of Reactive Black 5. Journal of Nanoscience and Nanotechnology, 2017, 17, 3998-4004.	0.9	3
87	Cobalt oxide nanoparticles embedded in flexible carbon nanofibers: attractive material for supercapacitor electrodes and CO <sub>2</sub> adsorption. RSC Advances, 2016, 6, 52171-52179.	3.6	33
88	Novel biocidal polymers based on branched and linear poly(hydroxystyrene). International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 712-719.	3.4	2
89	Nickel nanoparticles-decorated graphene as highly effective and stable electrocatalyst for urea electrooxidation. Journal of Molecular Catalysis A, 2016, 421, 83-91.	4.8	77
90	Influence of molecular weight on kinetics release of metronidazole from proline-based polymers prepared by RAFT polymerization. RSC Advances, 2016, 6, 72761-72767.	3.6	5

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91	An in situ forming tissue adhesive based on poly(ethylene glycol)-dimethacrylate and thiolated chitosan through the Michael reaction. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5585-5592.	5.8	37
92	Superabsorbent 3D Scaffold Based on Electrospun Nanofibers for Cartilage Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24415-24425.	8.0	246
93	Fabrication of poly(ester-urethane)urea elastomer/gelatin electrospun nanofibrous membranes for potential applications in skin tissue engineering. <i>RSC Advances</i> , 2016, 6, 73636-73644.	3.6	23
94	Preparation of biocompatible system based on electrospun CMC/PVA nanofibers as controlled release carrier of diclofenac sodium. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 566-573.	2.2	72
95	The comparison of the Wnt signaling pathway inhibitor delivered electrospun nanoyarn fabricated with two methods for the application of urethroplasty. <i>Frontiers of Materials Science</i> , 2016, 10, 346-357.	2.2	4
96	Preparation of Highly Active Triflic Acid Functionalized SBA-15 Catalysts for the Synthesis of Coumarin under Solvent-Free Conditions. <i>ChemCatChem</i> , 2016, 8, 336-344.	3.7	12
97	Ni&Mn nanoparticles-decorated carbon nanofibers as effective electrocatalyst for urea oxidation. <i>Applied Catalysis A: General</i> , 2016, 510, 180-188.	4.3	139
98	A novel and chemical stable Co-B nanoflakes-like structure supported over titanium dioxide nanofibers used as catalyst for hydrogen generation from ammonia borane complex. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 285-293.	7.1	28
99	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> , 2016, 8, 2195-2204.	5.6	54
100	The influence of synthesis method on size and toxicity of CeO <sub>2</sub> quantum dots: Potential in the environmental remediation. <i>Ceramics International</i> , 2016, 42, 576-582.	4.8	18
101	Cu <sub>0</sub> /S-doped TiO <sub>2</sub> nanoparticles-decorated carbon nanofibers as novel and efficient photocatalyst for hydrogen generation from ammonia borane. <i>Ceramics International</i> , 2016, 42, 1507-1512.	4.8	19
102	Synthesis, characterization and performance as a Counter Electrode for dye-sensitized solar cells of CoCr-decorated carbon nanofibers. <i>Ceramics International</i> , 2016, 42, 146-153.	4.8	34
103	Nano-engineered ZnO/CeO <sub>2</sub> dots@CNFs for fuel cell application. <i>Arabian Journal of Chemistry</i> , 2016, 9, 219-228.	4.9	40
104	Controlled-release of metronidazole from proline-based polymers prepared by RAFT polymerization: Molecular weight-dependence. <i>Journal of Controlled Release</i> , 2015, 213, e81-e82.	9.9	1
105	Nitrogen-doped, FeNi alloy nanoparticle-decorated graphene as an efficient and stable electrode for electrochemical supercapacitors in acid medium. <i>Nanoscale Research Letters</i> , 2015, 10, 104.	5.7	18
106	Alkaline Earth Metal Modified H-Mordenites. Their Catalytic Properties in the Isopropylation of Biphenyl. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 12283-12292.	3.7	3
107	Catalytic hydrolysis of ammonia borane for hydrogen generation using Cu(O) nanoparticles supported on TiO <sub>2</sub> nanofibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 470, 194-201.	4.7	55
108	Influence of TixZr(1-x)O <sub>2</sub> nanofibers composition on the photocatalytic activity toward organic pollutants degradation and water splitting. <i>Ceramics International</i> , 2015, 41, 11876-11885.	4.8	28

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109	Simultaneous visual detection and removal of lead( <sup>ii</sup> ) ions with pyromellitic dianhydride-grafted cellulose nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18180-18189.	10.3	81
110	Hierarchical porous carbon nanofibrous membranes with an enhanced shape memory property for effective adsorption of proteins. <i>RSC Advances</i> , 2015, 5, 64318-64325.	3.6	27
111	Effect of TiO <sub>2</sub> on photocatalytic activity of polyvinylpyrrolidone fabricated via electrospinning. <i>Composites Part B: Engineering</i> , 2015, 80, 355-360.	12.0	48
112	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> , 2015, 95, 202-207.	3.6	15
113	Microwave Synthesis of Copolymers Based on Itaconic Acid Moiety and Their Utility for Scavenging of Copper (II) and Lead (II). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 561-576.	2.2	1
114	Morphological control of mesoporous CN based hybrid materials and their excellent CO <sub>2</sub> adsorption capacity. <i>RSC Advances</i> , 2015, 5, 40183-40192.	3.6	38
115	Cobalt-incorporated, nitrogen-doped carbon nanofibers as effective non-precious catalyst for methanol electrooxidation in alkaline medium. <i>Applied Catalysis A: General</i> , 2015, 498, 230-240.	4.3	62
116	Effective and highly recyclable nanosilica produced from the rice husk for effective removal of organic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 134-145.	5.8	45
117	Quick high-temperature hydrothermal synthesis of mesoporous materials with 3D cubic structure for the adsorption of lysozyme. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 024806.	6.1	17
118	Facile electrospun Polyacrylonitrile/poly(acrylic acid) nanofibrous membranes for high efficiency particulate air filtration. <i>Fibers and Polymers</i> , 2015, 16, 629-633.	2.1	80
119	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> , 2015, 40, 14845-14856.	7.1	27
120	Ultra-light 3D nanofibre-nets binary structured nylon 6-nylon 6-acrylonitrile membranes for efficient filtration of fine particulate matter. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23946-23954.	10.3	153
121	Electrospun NiCu Nanoalloy Decorated on Carbon Nanofibers as Chemical Stable Electrocatalyst for Methanol Oxidation. <i>ECS Electrochemistry Letters</i> , 2015, 4, F51-F55.	1.9	10
122	Ag, Zn and Cd-doped titanium oxide nanofibers as effective photocatalysts for hydrogen extraction from ammonium phosphates. <i>Journal of Molecular Catalysis A</i> , 2015, 409, 117-126.	4.8	8
123	Dexamethasone loaded core-shell SF/PEO nanofibers via green electrospinning reduced endothelial cells inflammatory damage. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 561-568.	5.0	56
124	Hierarchical TiO <sub>2</sub> /ZnO Nanostructure as Novel Non-precious Electrocatalyst for Ethanol Electrooxidation. <i>Journal of Materials Science and Technology</i> , 2015, 31, 97-105.	10.7	18
125	Synthesis and antibacterial of carboxymethyl starch-grafted poly(vinyl imidazole) against some plant pathogens. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1466-1472.	7.5	49
126	Preparation and photocatalytic activity of fly ash incorporated TiO <sub>2</sub> nanofibers for effective removal of organic pollutants. <i>Ceramics International</i> , 2015, 41, 1771-1777.	4.8	64



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127	Influence of Nitrogen doping on the Catalytic Activity of Ni-incorporated Carbon Nanofibers for Alkaline Direct Methanol Fuel Cells. <i>Electrochimica Acta</i> , 2014, 142, 228-239.	5.2	66
128	Cobalt/copper-decorated carbon nanofibers as novel non-precious electrocatalyst for methanol electrooxidation. <i>Nanoscale Research Letters</i> , 2014, 9, 2.	5.7	112
129	Optimization of amine-terminated polyacrylonitrile synthesis and characterization. <i>Arabian Journal of Chemistry</i> , 2014, 7, 235-241.	4.9	37
130	Synthesis and biocidal activity of modified poly(vinyl alcohol). <i>Arabian Journal of Chemistry</i> , 2014, 7, 355-361.	4.9	14
131	Multilevel structured polyacrylonitrile/silica nanofibrous membranes for high-performance air filtration. <i>Separation and Purification Technology</i> , 2014, 126, 44-51.	7.9	215
132	Effects of plasma treatment to nanofibers on initial cell adhesion and cell morphology. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 101-106.	5.0	98
133	Hierarchically structured polysulfone/titania fibrous membranes with enhanced air filtration performance. <i>Journal of Colloid and Interface Science</i> , 2014, 417, 18-26.	9.4	161
134	From Secondary to Primary Role in Alkaline Fuel Cells: Co-Decorated Graphene as Effective Catalyst for Ethanol Oxidation. <i>ECS Electrochemistry Letters</i> , 2014, 4, F5-F8.	1.9	16
135	Superwetting hierarchical porous silica nanofibrous membranes for oil/water microemulsion separation. <i>Nanoscale</i> , 2014, 6, 12445-12449.	5.6	95
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