Tamer Uyar

List of Publications by Year
in descending order

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270 papers	13,174 citations	14655 66 h-index	36028 97 g-index
275 all docs	275 docs citations	275 times ranked	12842 citing authors

#	Article	IF	Citations
1	Antibacterial nanofibers of pullulan/tetracycline-cyclodextrin inclusion complexes for Fast-Disintegrating oral drug delivery. Journal of Colloid and Interface Science, 2022, 610, 321-333.	9.4	35
2	Green Electrospinning of Chitosan/Pectin Nanofibrous Films by the Incorporation of Cyclodextrin/Curcumin Inclusion Complexes: pH-Responsive Release and Hydrogel Features. ACS Sustainable Chemistry and Engineering, 2022, 10, 4758-4769.	6.7	27
3	Orally Fast-Disintegrating Resveratrol/Cyclodextrin Nanofibrous Films as a Potential Antioxidant Dietary Supplement. ACS Food Science & Technology, 2022, 2, 568-580.	2.7	10
4	Ondansetron/Cyclodextrin inclusion complex nanofibrous webs for potential orally fast-disintegrating antiemetic drug delivery. International Journal of Pharmaceutics, 2022, 623, 121921.	5.2	10
5	Electrohydrodynamic encapsulation of eugenol-cyclodextrin complexes in pullulan nanofibers. Food Hydrocolloids, 2021, 111, 106264.	10.7	57
6	Electrospun formulation of acyclovir/cyclodextrin nanofibers for fast-dissolving antiviral drug delivery. Materials Science and Engineering C, 2021, 118, 111514.	7.3	69
7	Colon targeted delivery of niclosamide from Î²-cyclodextrin inclusion complex incorporated electrospun EudragitÂ® L100 nanofibers. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111391.	5.0	21
8	Single nozzle electrospinning promoted hierarchical shell wall structured zinc oxide hollow tubes for water remediation. Journal of Colloid and Interface Science, 2021, 593, 162-171.	9.4	8
9	General Strategy for Fabrication of Ordered One Dimensional Inorganic Structures by Electrospinning: Structural Evolution From Belt to Solid via Hollow Tubes. Advanced Engineering Materials, 2021, 23, 2001129.	3.5	3
10	Antibacterial Activity of Cyclodextrinâ€Azo Dye Inclusion Complex Encapsulated Electrospun Polycaprolactone Nanofibers. ChemistrySelect, 2021, 6, 10440-10446.	1.5	3
11	Orally Fast Disintegrating Cyclodextrin/Prednisolone Inclusion-Complex Nanofibrous Webs for Potential Steroid Medications. Molecular Pharmaceutics, 2021, 18, 4486-4500.	4.6	14
12	Comparison of pure and mixed gas permeation of the highly fluorinated polymer of intrinsic microporosity PIM-2 under dry and humid conditions: Experiment and modelling. Journal of Membrane Science, 2020, 594, 117460.	8.2	39
13	Recent progress on designing electrospun nanofibers for colorimetric biosensing applications. Current Opinion in Biomedical Engineering, 2020, 13, 1-8.	3.4	21
14	Electrospinning of cyclodextrins: hydroxypropyl-alpha-cyclodextrin nanofibers. Journal of Materials Science, 2020, 55, 404-420.	3.7	24
15	Antioxidant, antibacterial and antifungal electrospun nanofibers for food packaging applications. Food Research International, 2020, 130, 108927.	6.2	196
16	Highly selective surface adsorption-induced efficient photodegradation of cationic dyes on hierarchical ZnO nanorod-decorated hydrolyzed PIM-1 nanofibrous webs. Journal of Colloid and Interface Science, 2020, 562, 29-41.	9.4	17
17	Progress in the design and development of â€œfast-dissolvingâ€•electrospun nanofibers based drug delivery systems - A systematic review. Journal of Controlled Release, 2020, 326, 482-509.	9.9	93
18	Design of polymer-free Vitamin-A acetate/cyclodextrin nanofibrous webs: antioxidant and fast-dissolving properties. Food and Function, 2020, 11, 7626-7637.	4.6	26

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19	Electrospinning Combined with Atomic Layer Deposition to Generate Applied Nanomaterials: A Review. ACS Applied Nano Materials, 2020, 3, 6186-6209.	5.0	23
20	Functionalized Electrospun Nanofibers as a Versatile Platform for Colorimetric Detection of Heavy Metal Ions in Water: A Review. Materials, 2020, 13, 2421.	2.9	33
21	Development of ferulic acid/cyclodextrin inclusion complex nanofibers for fast-dissolving drug delivery system. International Journal of Pharmaceutics, 2020, 584, 119395.	5.2	50
22	Water-insoluble polymer-free uniform nanofibers of peracetylated cyclodextrin by electrospinning. Journal of Materials Science, 2020, 55, 11752-11762.	3.7	8
23	Electrospinning of Cyclodextrin Nanofibers: The Effect of Process Parameters. Journal of Nanomaterials, 2020, 2020, 1-10.	2.7	29
24	Metal-free N-doped ultrafine carbon fibers from electrospun Polymers of Intrinsic Microporosity (PIM-1) based fibers for oxygen reduction reaction. Journal of Power Sources, 2020, 451, 227799.	7.8	23
25	Fast-dissolving antioxidant curcumin/cyclodextrin inclusion complex electrospun nanofibrous webs. Food Chemistry, 2020, 317, 126397.	8.2	118
26	Hydrocortisone/cyclodextrin complex electrospun nanofibers for a fast-dissolving oral drug delivery system. RSC Medicinal Chemistry, 2020, 11, 245-258.	3.9	46
27	Graphene oxide-doped PEDOT:PSS as hole transport layer in inverted bulk heterojunction solar cell. Journal of Materials Science: Materials in Electronics, 2020, 31, 3576-3584.	2.2	11
28	Electrospun cyclodextrin nanofibers as precursor for carbon nanofibers. Journal of Materials Science, 2020, 55, 5655-5666.	3.7	5
29	Promotional Effect of Cu₂Sâ€“ZnS Nanograins as a Shell Layer on ZnO Nanorod Arrays for Boosting Visible Light Photocatalytic H₂ Evolution. Journal of Physical Chemistry C, 2020, 124, 3610-3620.	3.1	23
30	Influence of salt addition on polymer-free electrospinning of cyclodextrin nanofibers. Nano Express, 2020, 1, 020041.	2.4	4
31	Rational Design and Development of Electrospun Nanofibrous Biohybrid Composites. ACS Applied Bio Materials, 2019, 2, 3128-3143.	4.6	27
32	Novel Supramolecular Photocatalyst Based on Conjugation of Cucurbit[7]uril to Nonâ€Metallated Porphyrin for Electrophotocatalytic Hydrogen Generation from Water Splitting. ChemCatChem, 2019, 11, 2940-2940.	3.7	0
33	Fast-dissolving electrospun nanofibrous films of paracetamol/cyclodextrin inclusion complexes. Applied Surface Science, 2019, 492, 626-633.	6.1	34
34	Electrospun Fe₂O₃ Entrenched SiO₂ Supported N and S Dual Incorporated TiO₂ Nanofibers Derived from Mixed Polymeric Template/Surfactant: Enriched Mesoporosity within Nanofibers, Effective Charge Separation, and Visible Light Photocatalysis Activity. Industrial & Engineering Chemistry Research, 2019, 58, 12535-12550.	3.7	8
35	Encapsulation and Stabilization of Î±-Lipoic Acid in Cyclodextrin Inclusion Complex Electrospun Nanofibers: Antioxidant and Fast-Dissolving Î±-Lipoic Acid/Cyclodextrin Nanofibrous Webs. Journal of Agricultural and Food Chemistry, 2019, 67, 13093-13107.	5.2	34
36	Functionalized Electrospun Nanofibers as Colorimetric Sensory Probe for Mercury Detection: A Review. Sensors, 2019, 19, 4763.	3.8	22

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37	Atomic Layer Deposition of Pd Nanoparticles on Nâ€Doped Electrospun Carbon Nanofibers: Optimization of ORR Activity of Pdâ€Based Nanocatalysts by Tuning Their Nanoparticle Size and Loading. ChemNanoMat, 2019, 5, 1540-1546.	2.8	6
38	Crosslinked PolyCyclodextrin/PolyBenzoxazine electrospun microfibers for selective removal of methylene blue from an aqueous system. European Polymer Journal, 2019, 119, 311-321.	5.4	13
39	Fast Dissolving Oral Drug Delivery System Based on Electrospun Nanofibrous Webs of Cyclodextrin/Ibuprofen Inclusion Complex Nanofibers. Molecular Pharmaceutics, 2019, 16, 4387-4398.	4.6	91
40	Molecular Encapsulation of Cinnamaldehyde within Cyclodextrin Inclusion Complex Electrospun Nanofibers: Fast-Dissolution, Enhanced Water Solubility, High Temperature Stability, and Antibacterial Activity of Cinnamaldehyde. Journal of Agricultural and Food Chemistry, 2019, 67, 11066-11076.	5.2	65
41	Atomic layer deposition of palladium nanoparticles on a functional electrospun poly-cyclodextrin nanoweb as a flexible and reusable heterogeneous nanocatalyst for the reduction of nitroaromatic compounds. Nanoscale Advances, 2019, 1, 4082-4089.	4.6	12
42	Atomic layer deposition of Co3O4 nanocrystals on N-doped electrospun carbon nanofibers for oxygen reduction and oxygen evolution reactions. Nanoscale Advances, 2019, 1, 1224-1231.	4.6	22
43	Facile and green synthesis of palladium nanoparticles loaded into cyclodextrin nanofibers and their catalytic application in nitroarene hydrogenation. New Journal of Chemistry, 2019, 43, 3146-3152.	2.8	29
44	Electrospinning of uniform nanofibers of Polymers of Intrinsic Microporosity (PIM-1): The influence of solution conductivity and relative humidity. Polymer, 2019, 178, 121610.	3.8	62
45	Novel Supramolecular Photocatalyst Based on Conjugation of Cucurbit[7]uril to Nonâ€Metallated Porphyrin for Electrophotocatalytic Hydrogen Generation from Water Splitting. ChemCatChem, 2019, 11, 2994-2999.	3.7	11
46	Efficient Removal of Polycyclic Aromatic Hydrocarbons and Heavy Metals from Water by Electrospun Nanofibrous Polycyclodextrin Membranes. ACS Omega, 2019, 4, 7850-7860.	3.5	46
47	Electrospinning of Ultrafine Poly(1-trimethylsilyl-1-propyne) [PTMSP] Fibers: Highly Porous Fibrous Membranes for Volatile Organic Compound Removal. ACS Applied Polymer Materials, 2019, 1, 787-796.	4.4	14
48	Fast-dissolving electrospun gelatin nanofibers encapsulating ciprofloxacin/cyclodextrin inclusion complex. Colloids and Surfaces B: Biointerfaces, 2019, 178, 129-136.	5.0	78
49	RNA-mediated, green synthesis of palladium nanodendrites for catalytic reduction of nitroarenes. Journal of Colloid and Interface Science, 2019, 544, 206-216.	9.4	4
50	Metronidazole/Hydroxypropyl-Î²-Cyclodextrin inclusion complex nanofibrous webs as fast-dissolving oral drug delivery system. International Journal of Pharmaceutics, 2019, 572, 118828.	5.2	58
51	Hydrochromic carbon dots as smart sensors for water sensing in organic solvents. Nanoscale Advances, 2019, 1, 4258-4267.	4.6	36
52	Electrospinning of Cyclodextrin Functional Nanofibers for Drug Delivery Applications. Pharmaceutics, 2019, 11, 6.	4.5	111
53	Synthesis and characterization of bioâ€based benzoxazines derived from thymol. Journal of Applied Polymer Science, 2019, 136, 47371.	2.6	28
54	Electrospinning of nanocomposite nanofibers from cyclodextrin and laponite. Composites Communications, 2019, 12, 33-38.	6.3	19

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55	Development of superhydrophobic electrospun fibrous membrane of polymers of intrinsic microporosity (PIM-2). European Polymer Journal, 2019, 112, 87-94.	5.4	17
56	Atomic Layer Deposition of NiOOH/Ni(OH)₂ on PIMâ€1â€Based Nâ€Doped Carbon Nanofibers for Electrochemical Water Splitting in Alkaline Medium. ChemSusChem, 2019, 12, 1469-1477.	6.8	54
57	Amidoxime functionalized Polymers of Intrinsic Microporosity (PIM-1) electrospun ultrafine fibers for rapid removal of uranyl ions from water. Applied Surface Science, 2019, 467-468, 648-657.	6.1	48
58	One-step green synthesis of antibacterial silver nanoparticles embedded in electrospun cyclodextrin nanofibers. Carbohydrate Polymers, 2019, 207, 471-479.	10.2	82
59	Water-Insoluble Hydrophilic Electrospun Fibrous Mat of Cyclodextrinâ€“Epichlorohydrin Polymer as Highly Effective Sorbent. ACS Applied Polymer Materials, 2019, 1, 54-62.	4.4	43
60	Fabrication of Thermally Crosslinked Hydrolyzed Polymers of Intrinsic Microporosity (HPIM)/Polybenzoxazine Electrospun Nanofibrous Membranes. Macromolecular Chemistry and Physics, 2019, 220, 1800326.	2.2	9
61	Design and Development of Electrospun Nanofibers in Regenerative Medicine. Pancreatic Islet Biology, 2019, , 47-79.	0.3	5
62	Neuroregenerative Nanotherapeutics. Pancreatic Islet Biology, 2019, , 143-181.	0.3	2
63	Surface Functionalized Electrospun Nanofibers for Removal of Toxic Pollutants in Water. , 2019, , 189-213.		2
64	In situ preparation of thermoset/clay nanocomposites via thiol-epoxy click chemistry. Polymer Bulletin, 2018, 75, 4901-4911.	3.3	8
65	Carvacrol loaded electrospun fibrous films from zein and poly(lactic acid) for active food packaging. Food Hydrocolloids, 2018, 81, 48-59.	10.7	263
66	Removal of aniline from air and water by polymers of intrinsic microporosity (PIM-1) electrospun ultrafine fibers. Journal of Colloid and Interface Science, 2018, 516, 317-324.	9.4	49
67	Associative behaviour and effect of functional groups on the fluorescence of graphene oxide. Physical Chemistry Chemical Physics, 2018, 20, 7559-7569.	2.8	11
68	Encapsulation of camphor in cyclodextrin inclusion complex nanofibers via polymer-free electrospinning: enhanced water solubility, high temperature stability, and slow release of camphor. Journal of Materials Science, 2018, 53, 5436-5449.	3.7	28
69	Thymol/cyclodextrin inclusion complex nanofibrous webs: Enhanced water solubility, high thermal stability and antioxidant property of thymol. Food Research International, 2018, 106, 280-290.	6.2	134
70	Menthol/cyclodextrin inclusion complex nanofibers: Enhanced water-solubility and high-temperature stability of menthol. Journal of Food Engineering, 2018, 224, 27-36.	5.2	82
71	Fabrication of Electrospun Eugenol/Cyclodextrin Inclusion Complex Nanofibrous Webs for Enhanced Antioxidant Property, Water Solubility, and High Temperature Stability. Journal of Agricultural and Food Chemistry, 2018, 66, 457-466.	5.2	89
72	Superhydrophobic Hexamethylene Diisocyanate Modified Hydrolyzed Polymers of Intrinsic Microporosity Electrospun Ultrafine Fibrous Membrane for the Adsorption of Organic Compounds and Oil/Water Separation. ACS Applied Nano Materials, 2018, 1, 1631-1640.	5.0	23

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73	Immobilized Pd-Ag bimetallic nanoparticles on polymeric nanofibers as an effective catalyst: effective loading of Ag with bimetallic functionality through Pd nucleated nanofibers. Nanotechnology, 2018, 29, 245602.	2.6	9
74	Antioxidant electrospun zein nanofibrous web encapsulating quercetin/cyclodextrin inclusion complex. Journal of Materials Science, 2018, 53, 1527-1539.	3.7	70
75	Encapsulation of living bacteria in electrospun cyclodextrin ultrathin fibers for bioremediation of heavy metals and reactive dye from wastewater. Colloids and Surfaces B: Biointerfaces, 2018, 161, 169-176.	5.0	82
76	Electrospun nanofibers from cyclodextrin inclusion complexes with cineole and pâ€cymene: enhanced water solubility and thermal stability. International Journal of Food Science and Technology, 2018, 53, 112-120.	2.7	30
77	Cyclodextrin short-nanofibers using sacrificial electrospun polymeric matrix for VOC removal. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2018, 90, 135-141.	1.6	12
78	Influence of Hydrogen-Bonding Additives on Electrospinning of Cyclodextrin Nanofibers. ACS Omega, 2018, 3, 18311-18322.	3.5	24
79	Efficient Encapsulation of Citral in Fast-Dissolving Polymer-Free Electrospun Nanofibers of Cyclodextrin Inclusion Complexes: High Thermal Stability, Longer Shelf-Life, and Enhanced Water Solubility of Citral. Nanomaterials, 2018, 8, 793.	4.1	31
80	Hierarchical electrospun PIM nanofibers decorated with ZnO nanorods for effective pollutant adsorption and photocatalytic degradation. Materials Today, 2018, 21, 989-990.	14.2	8
81	Nanohybrid structured RuO₂/Mn₂O₃/CNF as a catalyst for Naâ€“O₂ batteries. Nanotechnology, 2018, 29, 475401.	2.6	20
82	Cyclodextrin-assisted synthesis of tailored mesoporous silica nanoparticles. Beilstein Journal of Nanotechnology, 2018, 9, 693-703.	2.8	3
83	Amine modified electrospun PIM-1 ultrafine fibers for an efficient removal of methyl orange from an aqueous system. Applied Surface Science, 2018, 453, 220-229.	6.1	52
84	Electrospun Filters for Organic Pollutants Removal. , 2018, , 115-150.		2
85	Applications of core-shell nanofibers. , 2018, , 375-404.		13
86	Temporary and permanent changes to the defect equilibrium due to ultraviolet exposure: Surface and bulk effects on ZnO nanostructures. Applied Surface Science, 2018, 457, 676-683.	6.1	5
87	Atomic Layer Deposition of Ruthenium Nanoparticles on Electrospun Carbon Nanofibers: A Highly Efficient Nanocatalyst for the Hydrolytic Dehydrogenation of Methylamine Borane. ACS Applied Materials & Interfaces, 2018, 10, 26162-26169.	8.0	41
88	Conscientious Design of Zn-S/Ti-N Layer by Transformation of ZnTiO₃ on Electrospun ZnTiO₃@TiO₂ Nanofibers: Stability and Reusable Photocatalytic Performance under Visible Irradiation. ACS Sustainable Chemistry and Engineering, 2018, 6, 12980-12992.	6.7	11
89	ZnOâ€“TiO₂ composites and ternary ZnTiO₃ electrospun nanofibers: the influence of annealing on the photocatalytic response and reusable functionality. CrystEngComm, 2018, 20, 5801-5813.	2.6	19
90	Fast-dissolving carvacrol/cyclodextrin inclusion complex electrospun fibers with enhanced thermal stability, water solubility, and antioxidant activity. Journal of Materials Science, 2018, 53, 15837-15849.	3.7	60

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91	Bacteria encapsulated electrospun nanofibrous webs for remediation of methylene blue dye in water. Colloids and Surfaces B: Biointerfaces, 2017, 152, 245-251.	5.0	67
92	Fluorescent Si QD decoration onto a flexible polymeric electrospun nanofibrous mat for the colorimetric sensing of TNT. Journal of Materials Chemistry C, 2017, 5, 1816-1825.	5.5	13
93	Core-shell nanofibers of curcumin/cyclodextrin inclusion complex and polylactic acid: Enhanced water solubility and slow release of curcumin. International Journal of Pharmaceutics, 2017, 518, 177-184.	5.2	108
94	Nanograined surface shell wall controlled ZnOâ€"ZnS coreâ€"shell nanofibers and their shell wall thickness dependent visible photocatalytic properties. Catalysis Science and Technology, 2017, 7, 1167-1180.	4.1	80
95	Evaluation of fiber diameter and morphology differences for electrospun fibers on bacterial immobilization and bioremediation performance. International Biodeterioration and Biodegradation, 2017, 120, 66-70.	3.9	10
96	Simultaneous photoinduced electron transfer and photoinduced CuAAC processes for antibacterial thermosets. Progress in Organic Coatings, 2017, 105, 252-257.	3.9	6
97	Antioxidant Î±â€tocopherol/Î³â€cyclodextrinâ€"inclusion complex encapsulated poly(lactic acid) electrospun nanofibrous web for food packaging. Journal of Applied Polymer Science, 2017, 134, .	2.6	56
98	Cyclodextrin-functionalized mesostructured silica nanoparticles for removal of polycyclic aromatic hydrocarbons. Journal of Colloid and Interface Science, 2017, 497, 233-241.	9.4	48
99	Poly-cyclodextrin cryogels with aligned porous structure for removal of polycyclic aromatic hydrocarbons (PAHs) from water. Journal of Hazardous Materials, 2017, 335, 108-116.	12.4	40
100	Pd nanocube decoration onto flexible nanofibrous mats of coreâ€"shell polymerâ€"ZnO nanofibers for visible light photocatalysis. New Journal of Chemistry, 2017, 41, 4145-4156.	2.8	21
101	Antibacterial electrospun zein nanofibrous web encapsulating thymol/cyclodextrin-inclusion complex for food packaging. Food Chemistry, 2017, 233, 117-124.	8.2	179
102	Polyhedral oligomeric silsesquioxane-based hybrid networks obtained via thiol-epoxy click chemistry. Iranian Polymer Journal (English Edition), 2017, 26, 405-411.	2.4	13
103	Polymer-free electrospun nanofibers from sulfobutyl ether 7 -beta-cyclodextrin (SBE 7 -Î²-CD) inclusion complex with sulfisoxazole: Fast-dissolving and enhanced water-solubility of sulfisoxazole. International Journal of Pharmaceutics, 2017, 531, 550-558.	5.2	62
104	Electrospinning of gelatin with tunable fiber morphology from round to flat/ribbon. Materials Science and Engineering C, 2017, 80, 371-378.	7.3	84
105	Tuning the degree of oxidation and electron delocalization of poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) with solid-electrolyte. Applied Surface Science, 2017, 419, 770-777.	6.1	9
106	Multifunctional ZnO nanorod-reduced graphene oxide hybrids nanocomposites for effective water remediation: Effective sunlight driven degradation of organic dyes and rapid heavy metal adsorption. Chemical Engineering Journal, 2017, 325, 588-600.	12.7	125
107	Multifunctional electrospun polymeric nanofibrous mats for catalytic reduction, photocatalysis and sensing. Nanoscale, 2017, 9, 9606-9614.	5.6	9
108	Bacteria immobilized electrospun polycaprolactone and polylactic acid fibrous webs for remediation of textile dyes in water. Chemosphere, 2017, 184, 393-399.	8.2	33

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109	Rational synthesis of Na and S co-catalyst TiO₂-based nanofibers: presence of surface-layered TiS₃ shell grains and sulfur-induced defects for efficient visible-light driven photocatalysis. Journal of Materials Chemistry A, 2017, 5, 14206-14219.	10.3	32
110	Selective and Efficient Removal of Volatile Organic Compounds by Channel-type Gamma-Cyclodextrin Assembly through Inclusion Complexation. Industrial & Engineering Chemistry Research, 2017, 56, 7345-7354.	3.7	25
111	Antioxidant Vitamin E/Cyclodextrin Inclusion Complex Electrospun Nanofibers: Enhanced Water Solubility, Prolonged Shelf Life, and Photostability of Vitamin E. Journal of Agricultural and Food Chemistry, 2017, 65, 5404-5412.	5.2	92
112	Electrospinning of cyclodextrin/linalool-inclusion complex nanofibers: Fast-dissolving nanofibrous web with prolonged release and antibacterial activity. Food Chemistry, 2017, 231, 192-201.	8.2	99
113	Bioactive peptide functionalized aligned cyclodextrin nanofibers for neurite outgrowth. Journal of Materials Chemistry B, 2017, 5, 517-524.	5.8	38
114	Surface Decoration of Pt Nanoparticles via ALD with TiO2 Protective Layer on Polymeric Nanofibers as Flexible and Reusable Heterogeneous Nanocatalysts. Scientific Reports, 2017, 7, 13401.	3.3	29
115	Reusable and Flexible Heterogeneous Catalyst for Reduction of TNT by Pd Nanocube Decorated ZnO Nanolayers onto Electrospun Polymeric Nanofibers. ChemistrySelect, 2017, 2, 8790-8798.	1.5	5
116	Morphological Control of Mesoporosity and Nanoparticles within Co₃O₄â€“CuO Electrospun Nanofibers: Quantum Confinement and Visible Light Photocatalysis Performance. ACS Applied Materials & Interfaces, 2017, 9, 35757-35774.	8.0	92
117	Monodispersed, Highly Interactive Facet (111)â€Oriented Pd Nanograins by ALD onto Freeâ€Standing and Flexible Electrospun Polymeric Nanofibrous Webs for Catalytic Application. Advanced Materials Interfaces, 2017, 4, 1700640.	3.7	14
118	Electrospun MesoporousÂComposite CuOâ"Co₃O₄/Nâ€• TiO_{2Â}Nanofibers as Efficient Visible Light Photocatalysts. ChemistrySelect, 2017, 2, 7031-7043.	1.5	11
119	Fabrication of cellulose acetate/polybenzoxazine cross-linked electrospun nanofibrous membrane for water treatment. Carbohydrate Polymers, 2017, 177, 378-387.	10.2	51
120	Polymeric nanofibers decorated with reduced graphene oxide nanoflakes. Materials Today, 2017, 20, 332-333.	14.2	0
121	Electrospun crosslinked poly-cyclodextrin nanofibers: Highly efficient molecular filtration thru host-guest inclusion complexation. Scientific Reports, 2017, 7, 7369.	3.3	57
122	Design and fabrication of auxetic PCL nanofiber membranes for biomedical applications. Materials Science and Engineering C, 2017, 81, 334-340.	7.3	64
123	Systematic hydrolysis of PIM-1 and electrospinning of hydrolyzed PIM-1 ultrafine fibers for an efficient removal of dye from water. Reactive and Functional Polymers, 2017, 121, 67-75.	4.1	52
124	Nickel nanoparticles decorated on electrospun polycaprolactone/chitosan nanofibers as flexible, highly active and reusable nanocatalyst in the reduction of nitrophenols under mild conditions. Applied Catalysis B: Environmental, 2017, 203, 549-562.	20.2	56
125	Preparation of fluorinated methacrylate/clay nanocomposite via inâ€situ polymerization: Characterization, structure, and properties. Journal of Polymer Science Part A, 2017, 55, 411-418.	2.3	24
126	Polybenzoxazine-Based Nanofibers by Electrospinning. , 2017, , 643-671.		1

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127	Nanofibrous Catalysts: Monodispersed, Highly Interactive Facet (111)â€Oriented Pd Nanograins by ALD onto Freeâ€Standing and Flexible Electrospun Polymeric Nanofibrous Webs for Catalytic Application (Adv. Mater. Interfaces 24/2017). Advanced Materials Interfaces, 2017, 4, 1770126.	3.7	0
128	In vivo safety evaluations of electrospun nanofibers for biomedical applications. , 2017, , 101-113.		6
129	Electrospun nanofibrous materials for wound healing applications. , 2017, , 147-177.		7
130	Electrospinning. , 2017, , 3-41.		9
131	Superhydrophobic, Hybrid, Electrospun Cellulose Acetate Nanofibrous Mats for Oil/Water Separation by Tailored Surface Modification. ACS Applied Materials & Interfaces, 2016, 8, 19747-19754.	8.0	138
132	Grain boundary engineering in electrospun ZnO nanostructures as promising photocatalysts. CrystEngComm, 2016, 18, 6341-6351.	2.6	57
133	Antioxidant activity and photostability of Î±-tocopherol/Î²-cyclodextrin inclusion complex encapsulated electrospun polycaprolactone nanofibers. European Polymer Journal, 2016, 79, 140-149.	5.4	65
134	Electrospinning of polymer-free cyclodextrin/geraniolâ€“inclusion complex nanofibers: enhanced shelf-life of geraniol with antibacterial and antioxidant properties. RSC Advances, 2016, 6, 46089-46099.	3.6	74
135	Fast-Dissolving, Prolonged Release, and Antibacterial Cyclodextrin/Limonene-Inclusion Complex Nanofibrous Webs via Polymer-Free Electrospinning. Journal of Agricultural and Food Chemistry, 2016, 64, 7325-7334.	5.2	92
136	Optoelectronic Properties of Layered Titanate Nanostructure and Polyaniline Impregnated Devices. ChemistrySelect, 2016, 1, 5885-5891.	1.5	5
137	Polymer-free nanofibers from vanillin/cyclodextrin inclusion complexes: high thermal stability, enhanced solubility and antioxidant property. Food and Function, 2016, 7, 3141-3153.	4.6	87
138	Bacteria-immobilized electrospun fibrous polymeric webs for hexavalent chromium remediation in water. International Journal of Environmental Science and Technology, 2016, 13, 2057-2066.	3.5	24
139	Quercetin/Î²-cyclodextrin inclusion complex embedded nanofibres: Slow release and high solubility. Food Chemistry, 2016, 197, 864-871.	8.2	115
140	Encapsulation of gallic acid/cyclodextrin inclusion complex in electrospun polylactic acid nanofibers: Release behavior and antioxidant activity of gallic acid. Materials Science and Engineering C, 2016, 63, 231-239.	7.3	135
141	Cross-linked main-chain polybenzoxazine nanofibers by photo and thermal curing; stable at high temperatures and harsh acidic conditions. Polymer, 2016, 84, 72-80.	3.8	13
142	Ultrasensitive electrospun fluorescent nanofibrous membrane for rapid visual colorimetric detection of H2O2. Analytical and Bioanalytical Chemistry, 2016, 408, 1347-1355.	3.7	31
143	â€œNanotrapsâ€•in porous electrospun fibers for effective removal of lead(<scp>ii</scp>) in water. Journal of Materials Chemistry A, 2016, 4, 2484-2493.	10.3	37
144	Glucose sensors based on electrospun nanofibers: a review. Analytical and Bioanalytical Chemistry, 2016, 408, 1285-1306.	3.7	93

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145	Molecular entrapment of volatile organic compounds (VOCs) by electrospun cyclodextrin nanofibers. Chemosphere, 2016, 144, 736-744.	8.2	75
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