

Deng-Guang Yu

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.

195
papers

7,797
citations

53
h-index

76
g-index

216
ext. papers

9,558
ext. citations

5.7
avg, IF

6.83
L-index

#	Paper	IF	Citations
195	Polymer-Based Nanofiber-Nanoparticle Hybrids and Their Medical Applications.. <i>Polymers</i> , 2022 , 14,	4.5	24
194	Electrospun polyacrylonitrile-based lace nanostructures and their Cu(II) adsorption. <i>Separation and Purification Technology</i> , 2022 , 288, 120643	8.3	6
193	Advances in Biosensing and Environmental Monitoring Based on Electrospun Nanofibers. <i>Advanced Fiber Materials</i> , 2022 , 4, 404-435	10.9	13
192	Engineered Spindles of Little Molecules Around Electrospun Nanofibers for Biphasic Drug Release. <i>Advanced Fiber Materials</i> , 2022 , 4, 305	10.9	22
191	In Situ Constructed Nano-Drug Depots through Intracellular Hydrolytic Condensation for Chemotherapy of Bladder Cancer.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202116893	16.4	1
190	Electrospun Nanofiber Membranes for Air Filtration: A Review.. <i>Nanomaterials</i> , 2022 , 12,	5.4	7
189	Electrospun Hybrid Films for Fast and Convenient Delivery of Active Herb Extracts.. <i>Membranes</i> , 2022 , 12,	3.8	3
188	Electrospun hierarchical structural films for effective wound healing 2022 , 212795		6
187	Electrospun Medical Sutures for Wound Healing: A Review.. <i>Polymers</i> , 2022 , 14,	4.5	4
186	Recent Advances in Poly(L-glutamic acid)-Based Nanomaterials for Drug Delivery. <i>Biomolecules</i> , 2022 , 12, 636	5.9	11
185	Hybrid Films Prepared from a Combination of Electrospinning and Casting for Offering a Dual-Phase Drug Release. <i>Polymers</i> , 2022 , 14, 2132	4.5	4
184	Nanofibers-Based Food Packaging. <i>ES Food & Agroforestry</i> , 2021 ,	3	3
183	Strategies for sustained drug release from electrospun multi-layer nanostructures.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , e1772	9.2	18
182	Electrospun Structural Hybrids of Acyclovir-Polyacrylonitrile at Acyclovir for Modifying Drug Release.. <i>Polymers</i> , 2021 , 13,	4.5	20
181	Gold Nanoparticles-Loaded Polyvinylpyrrolidone/Ethylcellulose Coaxial Electrospun Nanofibers with Enhanced Osteogenic Capability for Bone Tissue Regeneration. <i>Materials and Design</i> , 2021 , 212, 110240	8.1	21
180	Orodispersible Membranes from a Modified Coaxial Electrospinning for Fast Dissolution of Diclofenac Sodium. <i>Membranes</i> , 2021 , 11,	3.8	20
179	Electrospun Medicated Nanofibers for Wound Healing: Review. <i>Membranes</i> , 2021 , 11,	3.8	43

178	Combination of structure-performance and shape-performance relationships for better biphasic release in electrospun Janus fibers. <i>International Journal of Pharmaceutics</i> , 2021 , 596, 120203	6.5	26
177	Electrospun Aspirin/Eudragit/Lipid Hybrid Nanofibers for Colon-targeted Delivery Using an Energy-saving Process. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 1-7	2.2	18
176	Electrospun Janus Beads-On-A-String Structures for Different Types of Controlled Release Profiles of Double Drugs. <i>Biomolecules</i> , 2021 , 11,	5.9	35
175	Multifunctional fabrics finished using electrospayed hybrid Janus particles containing nanocatalysts. <i>Chemical Engineering Journal</i> , 2021 , 411, 128474	14.7	28
174	Drug-zein@lipid hybrid nanoparticles: Electrospaying preparation and drug extended release application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 201, 111629	6	29
173	Testing of fast dissolution of ibuprofen from its electrospun hydrophilic polymer nanocomposites. <i>Polymer Testing</i> , 2021 , 93, 106872	4.5	28
172	Electrospinning for healthcare: recent advancements. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 939-951	7.3	33
171	Efficient Synthesis of Folate-Conjugated Hollow Polymeric Capsules for Accurate Drug Delivery to Cancer Cells. <i>Biomacromolecules</i> , 2021 , 22, 732-742	6.9	13
170	Innovations and advances in electrospaying technology 2021 , 207-228		
169	Electrospun Functional Nanofiber Membrane for Antibiotic Removal in Water: Review. <i>Polymers</i> , 2021 , 13,	4.5	47
168	Nanofabrication of Janus Fibers through Side-by-Side Electrospinning - A Mini Review 2021 , 2, 18		6
167	Fast Dissolution Electrospun Medicated Nanofibers for Effective Delivery of Poorly Water-Soluble Drugs. <i>Current Drug Delivery</i> , 2021 ,	3.2	33
166	The Effect of Drug Heterogeneous Distributions within Core-Sheath Nanostructures on Its Sustained Release Profiles. <i>Biomolecules</i> , 2021 , 11,	5.9	29
165	Electrospun PVP-Core/PHBV-Shell Fibers to Eliminate Tailing Off for an Improved Sustained Release of Curcumin. <i>Molecular Pharmaceutics</i> , 2021 , 18, 4170-4178	5.6	18
164	Modified triaxial electrospun functional core-shell nanofibrous membranes for natural photodegradation of antibiotics. <i>Chemical Engineering Journal</i> , 2021 , 425, 131455	14.7	21
163	Self-Assembly CNTs@PANi Coffee Rings on Poly(styrene-ethylene-butylene-styrene) Triblock Copolymer for Largely Stretchable Electronics. <i>Polymers</i> , 2020 , 12,	4.5	4
162	Sheath-separate-core nanocomposites fabricated using a trifluid electrospinning. <i>Materials and Design</i> , 2020 , 192, 108782	8.1	53
161	Comparative study of electrospun crystal-based and composite-based drug nano depots. <i>Materials Science and Engineering C</i> , 2020 , 113, 110988	8.3	31

160	Electrospun triaxial nanofibers with middle blank cellulose acetate layers for accurate dual-stage drug release. <i>Carbohydrate Polymers</i> , 2020 , 243, 116477	10.3	48
159	A nanofiber-based drug depot with high drug loading for sustained release. <i>International Journal of Pharmaceutics</i> , 2020 , 583, 119397	6.5	33
158	Simplified design for solution anode glow discharge atomic emission spectrometry device for highly sensitive detection of Ag, Bi, Cd, Hg, Pb, Tl, and Zn. <i>Microchemical Journal</i> , 2020 , 155, 104785	4.8	15
157	Ethylcellulose-based drug nano depots fabricated using a modified triaxial electrospinning. <i>International Journal of Biological Macromolecules</i> , 2020 , 152, 68-76	7.9	42
156	Electrospun Janus nanofibers loaded with a drug and inorganic nanoparticles as an effective antibacterial wound dressing. <i>Materials Science and Engineering C</i> , 2020 , 111, 110805	8.3	122
155	Sequential release of drugs form a dual-delivery system based on pH-responsive nanofibrous mats towards wound care. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1759-1770	7.3	22
154	Solidifying Essential Balm into Electrospun Core-sheath Nanofibers for Prolonged Release. <i>Current Chinese Science</i> , 2020 , 1, 122-131	0.2	2
153	The Development and Bio-applications of Multifluid Electrospinning 2020 , 1, 1		28
152	Dual-stage Release of Ketoprofen from Electrospayed CoreShell Hybrid Polyvinyl Pyrrolidone/Ethyl Cellulose Nanoparticles 2020 , 1, 14		9
151	Multifluid electrospinning for the generation of complex nanostructures. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1601	9.2	52
150	Electrospun Environment Remediation Nanofibers Using Unspinnable Liquids as the Sheath Fluids: A Review. <i>Polymers</i> , 2020 , 12,	4.5	47
149	Electrospun Janus zeinBVP nanofibers provide a two-stage controlled release of poorly water-soluble drugs. <i>Materials and Design</i> , 2020 , 196, 109075	8.1	67
148	Energy-Saving Electrospinning with a Concentric Teflon-Core Rod Spinneret to Create Medicated Nanofibers. <i>Polymers</i> , 2020 , 12,	4.5	54
147	Electrospun Multiple-Chamber Nanostructure and Its Potential Self-Healing Applications. <i>Polymers</i> , 2020 , 12,	4.5	14
146	Bamboo-inspired lightweight tape suture with hollow and porous structure for tendon repair. <i>Materials and Design</i> , 2020 , 193, 108843	8.1	6
145	Electrospun tri-layer nanodepots for sustained release of acyclovir. <i>Journal of Alloys and Compounds</i> , 2020 , 846, 156471	5.7	87
144	Core-Shell Eudragit S100 Nanofibers Prepared via Triaxial Electrospinning to Provide a Colon-Targeted Extended Drug Release. <i>Polymers</i> , 2020 , 12,	4.5	65
143	Electrospayed Ultra-Thin Coating of Ethyl Cellulose on Drug Nanoparticles for Improved Sustained Release. <i>Nanomaterials</i> , 2020 , 10,	5.4	8

142	The key role of straight fluid jet in predicting the drug dissolution from electrospun nanofibers. <i>International Journal of Pharmaceutics</i> , 2019 , 569, 118634	6.5	51
141	Electrospun Nanofibers for Sensors 2019 , 571-601		15
140	The Relationships between Process Parameters and Polymeric Nanofibers Fabricated Using a Modified Coaxial Electrospinning. <i>Nanomaterials</i> , 2019 , 9,	5.4	70
139	The Process?Property?Performance Relationship of Medicated Nanoparticles Prepared by Modified Coaxial Electrospinning. <i>Pharmaceutics</i> , 2019 , 11,	6.4	24
138	Removal and direct visual monitoring of Lead(II) using amino acids functionalized polyacrylonitrile nanofibrous membranes. <i>Reactive and Functional Polymers</i> , 2019 , 138, 18-28	4.6	9
137	ECyclodextrin based air filter for high-efficiency filtration of pollution sources. <i>Journal of Hazardous Materials</i> , 2019 , 373, 197-203	12.8	28
136	The Relationships between the Working Fluids, Process Characteristics and Products from the Modified Coaxial Electrospinning of Zein. <i>Polymers</i> , 2019 , 11,	4.5	64
135	From Taylor cone to solid nanofiber in tri-axial electrospinning: Size relationships. <i>Results in Physics</i> , 2019 , 15, 102770	3.7	52
134	Tunable zero-order drug delivery systems created by modified triaxial electrospinning. <i>Chemical Engineering Journal</i> , 2019 , 356, 886-894	14.7	89
133	Immediate release of helicid from nanoparticles produced by modified coaxial electrospinning. <i>Applied Surface Science</i> , 2019 , 473, 148-155	6.7	40
132	Electrospun lipid-coated medicated nanocomposites for an improved drug sustained-release profile. <i>Materials and Design</i> , 2019 , 162, 70-79	8.1	66
131	Tunable drug release from nanofibers coated with blank cellulose acetate layers fabricated using tri-axial electrospinning. <i>Carbohydrate Polymers</i> , 2019 , 203, 228-237	10.3	97
130	Electrosprayed hydrophilic nanocomposites coated with shellac for colon-specific delayed drug delivery. <i>Materials and Design</i> , 2018 , 143, 248-255	8.1	120
129	Electrospun Hydrophilic Janus Nanocomposites for the Rapid Onset of Therapeutic Action of Helicid. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2859-2867	9.5	86
128	Preparing composite nanoparticles for immediate drug release by modifying electrohydrodynamic interfaces during electrospinning. <i>Powder Technology</i> , 2018 , 327, 179-187	5.2	59
127	Fabrication of sustained-release zein nanoparticles via modified coaxial electrospinning. <i>Chemical Engineering Journal</i> , 2018 , 334, 807-816	14.7	61
126	Electrospun amorphous medicated nanocomposites fabricated using a Teflon-based concentric spinneret. <i>E-Polymers</i> , 2018 , 18, 3-11	2.7	7
125	Electrospun Blank Nanocoating for Improved Sustained Release Profiles from Medicated Gliadin Nanofibers. <i>Nanomaterials</i> , 2018 , 8,	5.4	23

124	Colon-specific pulsatile drug release provided by electrospun shellac nanocoating on hydrophilic amorphous composites. <i>International Journal of Nanomedicine</i> , 2018 , 13, 2395-2404	7.3	34
123	Fast Dissolving of Ferulic Acid via Electrospun Ternary Amorphous Composites Produced by a Coaxial Process. <i>Pharmaceutics</i> , 2018 , 10,	6.4	16
122	Performance Assessment of Ordered Porous Electrospun Honeycomb Fibers for the Removal of Atmospheric Polar Volatile Organic Compounds. <i>Nanomaterials</i> , 2018 , 8,	5.4	14
121	Electrospun 4th-Generation Solid Dispersions of Poorly Water-Soluble Drug Utilizing Two Different Processes. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-10	3.2	3
120	Electrospun amorphous solid dispersions of poorly water-soluble drugs: A review. <i>Journal of Controlled Release</i> , 2018 , 292, 91-110	11.7	155
119	Meletin sustained-release gliadin nanoparticles prepared via solvent surface modification on blending electrospaying. <i>Applied Surface Science</i> , 2018 , 434, 1040-1047	6.7	38
118	pH-sensitive polymer nanocoating on hydrophilic composites fabricated using modified coaxial electrospaying. <i>Materials Letters</i> , 2018 , 227, 93-96	3.3	11
117	Fast dissolving drug delivery membrane based on the ultra-thin shell of electrospun core-shell nanofibers. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 122, 195-204	5.1	77
116	Medicated structural PVP/PEG composites fabricated using coaxial electrospinning. <i>E-Polymers</i> , 2017 , 17, 39-44	2.7	11
115	Nanosized sustained-release drug depots fabricated using modified tri-axial electrospinning. <i>Acta Biomaterialia</i> , 2017 , 53, 233-241	10.8	84
114	Electrospun poly(2-aminothiazole)/cellulose acetate fiber membrane for removing Hg(II) from water. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	14
113	Influence of Working Temperature on The Formation of Electrospun Polymer Nanofibers. <i>Nanoscale Research Letters</i> , 2017 , 12, 55	5	48
112	Influence of the drug distribution in electrospun gliadin fibers on drug-release behavior. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 106, 422-430	5.1	75
111	Anti-acute thrombogenic surface using coaxial electrospaying coating for vascular graft application. <i>Materials Letters</i> , 2017 , 205, 15-19	3.3	12
110	High-quality Janus nanofibers prepared using three-fluid electrospinning. <i>Chemical Communications</i> , 2017 , 53, 4542-4545	5.8	128
109	Electrosprayed spherical ethylcellulose nanoparticles for an improved sustained-release profile of anticancer drug. <i>Cellulose</i> , 2017 , 24, 5551-5564	5.5	45
108	Medicated Multiple-component Polymeric Nanocomposites Fabricated Using Electrospaying. <i>Polymers and Polymer Composites</i> , 2017 , 25, 57-62	0.8	6
107	Oral controlled release in accordance with drug adsorption biological rhythm provided by an electrospun structural amorphous solid dispersion. <i>Journal of Controlled Release</i> , 2017 , 259, e61-e62	11.7	6

106	Beads-on-a-string amorphous solid dispersion fabricated using a modified coaxial electrospinning. <i>Journal of Controlled Release</i> , 2017 , 259, e111-e112	11.7	3
105	Electrospun hypromellose-based hydrophilic composites for rapid dissolution of poorly water-soluble drug. <i>Carbohydrate Polymers</i> , 2017 , 174, 617-625	10.3	125
104	Electrosprayed Janus Particles for Combined Photo-Chemotherapy. <i>AAPS PharmSciTech</i> , 2017 , 18, 1460-1468	3.9	21
103	Theranostic Fibers for Simultaneous Imaging and Drug Delivery. <i>Molecular Pharmaceutics</i> , 2016 , 13, 2457-2465	5.65	37
102	Medicated Janus fibers fabricated using a Teflon-coated side-by-side spinneret. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 138, 110-6	6	78
101	Electrospun zein nanoribbons for treatment of lead-contained wastewater. <i>Chemical Engineering Journal</i> , 2016 , 290, 263-272	14.7	67
100	Electrospun pH-sensitive core-shell polymer nanocomposites fabricated using a tri-axial process. <i>Acta Biomaterialia</i> , 2016 , 35, 77-86	10.8	126
99	Medicated Nanofibers Fabricated Using NaCl Solutions as Shell Fluids in Modified Coaxial Electrospinning. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-12	3.2	10
98	Effective Utilization of the Electrostatic Repulsion for Improved Alignment of Electrospun Nanofibers. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-8	3.2	4
97	Chemical Oxidative Polymerization of 2-Aminothiazole in Aqueous Solution: Synthesis, Characterization and Kinetics Study. <i>Polymers</i> , 2016 , 8,	4.5	8
96	Electrospun Contrast-Agent-Loaded Fibers for Colon-Targeted MRI. <i>Advanced Healthcare Materials</i> , 2016 , 5, 977-85	10.1	36
95	Tailoring spatial distribution of Eu(TTA) ₃ phen within electrospun polyacrylonitrile nanofibers for high fluorescence efficiency. <i>RSC Advances</i> , 2016 , 6, 84074-84081	3.7	4
94	Fast-dissolving sweet sedative nanofiber membranes. <i>Journal of Materials Science</i> , 2015 , 50, 3604-3613	4.3	22
93	Nanofibers Fabricated Using Triaxial Electrospinning as Zero Order Drug Delivery Systems. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 18891-7	9.5	194
92	Quantitative physical and handling characteristics of novel antibacterial braided silk suture materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 50, 160-70	4.1	41
91	5-Fluorouracil loaded Eudragit fibers prepared by electrospinning. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 895-902	6.5	52
90	Structural lipid nanoparticles self-assembled from electrospun core-shell polymeric nanocomposites. <i>RSC Advances</i> , 2015 , 5, 9462-9466	3.7	30
89	Red emissive diarylboron diketonate crystals: aggregation-induced color change and amplified spontaneous emission. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 499-505	7.1	35

88	Fabrication of Vertical Array CNTs/Polyaniline Composite Membranes by Microwave-Assisted In Situ Polymerization. <i>Nanoscale Research Letters</i> , 2015 , 10, 493	5	19
87	Structure-tunable Janus fibers fabricated using spinnerets with varying port angles. <i>Chemical Communications</i> , 2015 , 51, 4623-6	5.8	50
86	Simple synthesis of conducting poly(2-aminothiazole) with high molecular weight. <i>Colloid and Polymer Science</i> , 2015 , 293, 2027-2034	2.4	13
85	Electrospun medicated shellac nanofibers for colon-targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2015 , 490, 384-90	6.5	89
84	Investigation into the toughening mechanism of epoxy reinforced with multi-wall carbon nanotubes. <i>E-Polymers</i> , 2015 , 15, 335-343	2.7	14
83	Electrospun acetaminophen-loaded cellulose acetate nanofibers fabricated using an epoxy-coated spinneret. <i>E-Polymers</i> , 2015 , 15, 311-315	2.7	6
82	Highly stable coated polyvinylpyrrolidone nanofibers prepared using modified coaxial electrospinning. <i>Fibers and Polymers</i> , 2014 , 15, 78-83	2	18
81	Electrospun acid-base pair solid dispersions of quercetin. <i>RSC Advances</i> , 2014 , 4, 58265-58271	3.7	22
80	Pulsatile drug release from electrospun poly(ethylene oxide)-sodium alginate blend nanofibres. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1400-1407	7.3	29
79	Electrosprayed core-shell nanoparticles of PVP and shellac for furnishing biphasic controlled release of ferulic acid. <i>Colloid and Polymer Science</i> , 2014 , 292, 2089-2096	2.4	27
78	Tunable biphasic drug release from ethyl cellulose nanofibers fabricated using a modified coaxial electrospinning process. <i>Nanoscale Research Letters</i> , 2014 , 9, 258	5	39
77	Higher quality quercetin sustained release ethyl cellulose nanofibers fabricated using a spinneret with a Teflon nozzle. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 114, 404-9	6	19
76	Electrosprayed core-shell solid dispersions of acyclovir fabricated using an epoxy-coated concentric spray head. <i>International Journal of Nanomedicine</i> , 2014 , 9, 1967-77	7.3	23
75	Fast-dissolving core-shell composite microparticles of quercetin fabricated using a coaxial electrospay process. <i>PLoS ONE</i> , 2014 , 9, e92106	3.7	28
74	Electrospun quercetin-loaded zein nanoribbons. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 2015-23		12
73	Coaxial Electrospinning with Mixed Solvents: From Flat to Round Eudragit L100 Nanofibers for Better Colon-Targeted Sustained Drug Release Profiles. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-8	3.2	18
72	Dual drug release electrospun core-shell nanofibers with tunable dose in the second phase. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 774-86	6.3	62
71	Electrosprayed Microparticulate Solid Dispersions Composed of Multiple Components. <i>Applied Mechanics and Materials</i> , 2014 , 513-517, 259-264	0.3	

70	Influence of sheath solvents on the quality of ethyl cellulose nanofibers in a coaxial electrospinning process. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 695-701	1	10
69	Sustained-release multiple-component cellulose acetate nanofibers fabricated using a modified coaxial electrospinning process. <i>Journal of Materials Science</i> , 2014 , 49, 538-547	4.3	35
68	Dual drug release nanocomposites prepared using a combination of electrospinning and electrospinning. <i>RSC Advances</i> , 2013 , 3, 4652	3.7	74
67	Carbon foams from polyacrylonitrile-borneol films prepared using coaxial electrohydrodynamic atomization. <i>Carbon</i> , 2013 , 53, 231-236	10.4	16
66	Electrospinning using a Teflon-coated spinneret. <i>Applied Surface Science</i> , 2013 , 284, 889-893	6.7	14
65	Smooth preparation of ibuprofen/zein microcomposites using an epoxy-coated electrospinning head. <i>Materials Letters</i> , 2013 , 93, 125-128	3.3	23
64	Carbon nanotube-templated polyaniline nanofibers: synthesis, flash welding and ultrafiltration membranes. <i>Nanoscale</i> , 2013 , 5, 3856-62	7.7	53
63	Linear drug release membrane prepared by a modified coaxial electrospinning process. <i>Journal of Membrane Science</i> , 2013 , 428, 150-156	9.6	85
62	Coaxial electrospinning with acetic acid for preparing ferulic acid/zein composite fibers with improved drug release profiles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 102, 737-43	6	91
61	Zero-order drug release cellulose acetate nanofibers prepared using coaxial electrospinning. <i>Cellulose</i> , 2013 , 20, 379-389	5.5	89
60	Coaxial electrospinning using a concentric Teflon spinneret to prepare biphasic-release nanofibers of helicid. <i>RSC Advances</i> , 2013 , 3, 17775	3.7	32
59	Epoxy Resin Nanofibers Prepared Using Electrospun Core/Sheath Nanofibers as Templates. <i>Macromolecular Materials and Engineering</i> , 2013 , 298, 664-669	3.9	8
58	Triple-Component Drug-Loaded Nanocomposites Prepared Using a Modified Coaxial Electrospinning. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-7	3.2	12
57	Fast disintegrating quercetin-loaded drug delivery systems fabricated using coaxial electrospinning. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 21647-59	6.3	46
56	The Influence of Sheath Solvent Flow Rate on the Quality of Electrospun Ethyl Cellulose Nanofibers. <i>Modeling and Numerical Simulation of Material Science</i> , 2013 , 03, 1-5	0.7	4
55	PVP nanofibers prepared using co-axial electrospinning with salt solution as sheath fluid. <i>Materials Letters</i> , 2012 , 67, 78-80	3.3	38
54	Sustained release of ethyl cellulose micro-particulate drug delivery systems prepared using electrospinning. <i>Journal of Materials Science</i> , 2012 , 47, 1372-1377	4.3	36
53	Smoother electrospinning and obtaining high-quality cellulose acetate nanofibers using a modified coaxial process. <i>Journal of Materials Science</i> , 2012 , 47, 7138-7147	4.3	15

52	Time-engineeringed biphasic drug release by electrospun nanofiber meshes. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 88-96	6.5	63
51	Electrospun drug-loaded core-sheath PVP/zein nanofibers for biphasic drug release. <i>International Journal of Pharmaceutics</i> , 2012 , 438, 232-9	6.5	149
50	Modified coaxial electrospinning for the preparation of high-quality ketoprofen-loaded cellulose acetate nanofibers. <i>Carbohydrate Polymers</i> , 2012 , 90, 1016-23	10.3	124
49	4-Phosphatephenyl Covalently Modified Glassy Carbon Electrode for Real-Time Electrochemical Monitoring of Paracetamol Release from Electrospun Nanofibers. <i>Electroanalysis</i> , 2012 , 24, 1937-1944	3	9
48	Liposomes self-assembled from electrospayed composite microparticles. <i>Nanotechnology</i> , 2012 , 23, 105606	3.4	33
47	Polyacrylonitrile nanofibers coated with silver nanoparticles using a modified coaxial electrospinning process. <i>International Journal of Nanomedicine</i> , 2012 , 7, 5725-32	7.3	68
46	Bulk synthesis, optimization, and characterization of highly dispersible polypyrrole nanoparticles toward protein separation using nanocomposite membranes. <i>Journal of Colloid and Interface Science</i> , 2012 , 386, 148-57	9.3	19
45	Electrospun nanofibers in drug delivery: recent developments and perspectives. <i>Therapeutic Delivery</i> , 2012 , 3, 515-33	3.8	63
44	Coaxial Electrospinning with Triton X-100 Solutions as Sheath Fluids for Preparing PAN Nanofibers. <i>Macromolecular Materials and Engineering</i> , 2012 , 297, 395-401	3.9	35
43	Co-axial electrospinning with sodium thiocyanate solution for preparing polyacrylonitrile nanofibers. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	5
42	Comparison of two electrospinning processes in obtaining finer polymer nanofibers. <i>Fibers and Polymers</i> , 2012 , 13, 450-455	2	10
41	Coaxial electrospinning with sodium dodecylbenzene sulfonate solution for high quality polyacrylonitrile nanofibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 396, 161-168	5.1	51
40	Electrospun Borneol-PVP Nanocomposites. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-8	3.2	16
39	Polymer-based nanoparticulate solid dispersions prepared by a modified electrospaying process. <i>Journal of Biomedical Science and Engineering</i> , 2011 , 04, 741-749	0.7	21
38	Polyacrylonitrile nanofibers prepared using coaxial electrospinning with LiCl solution as sheath fluid. <i>Nanotechnology</i> , 2011 , 22, 435301	3.4	52
37	Solid dispersions in the form of electrospun core-sheath nanofibers. <i>International Journal of Nanomedicine</i> , 2011 , 6, 3271-80	7.3	67
36	Preparation of ultrafine fast-dissolving feruloyl-oleyl-glycerol-loaded polyvinylpyrrolidone fiber mats via electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 304-9	6	41
35	Electrospun diclofenac sodium loaded Eudragit [®] L 100-55 nanofibers for colon-targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2011 , 408, 200-7	6.5	179

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