

# Gareth R William

## List of Publications by Year in descending order

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202  
papers

9,312  
citations

36303

51  
h-index

54911

84  
g-index

204  
all docs

204  
docs citations

204  
times ranked

10200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theranostics for MRI-guided therapy: Recent developments. <i>View</i> , 2022, 3, 20200134.	5.3	17
2	2D antimonene-integrated composite nanomedicine for augmented low-temperature photonic tumor hyperthermia by reversing cell thermoresistance. <i>Bioactive Materials</i> , 2022, 10, 295-305.	15.6	16
3	Dual-Mode and Label-Free Detection of Exosomes from Plasma Using an Electrochemical Quartz Crystal Microbalance with Dissipation Monitoring. <i>Analytical Chemistry</i> , 2022, 94, 2465-2475.	6.5	14
4	An alginate-based encapsulation system for delivery of therapeutic cells to the CNS. <i>RSC Advances</i> , 2022, 12, 4005-4015.	3.6	9
5	Monitoring Polymorphic Phase Transitions in Flufenamic Acid Amorphous Solid Dispersions Using Hyphenated X-ray Diffraction-Differential Scanning Calorimetry. <i>Molecular Pharmaceutics</i> , 2022, 19, 1477-1487.	4.6	4
6	Biocompatible hydroxy double salts as delivery matrices for non-steroidal anti-inflammatory and anti-epileptic drugs. <i>Applied Clay Science</i> , 2022, 221, 106456.	5.2	5
7	Mesoporous Doxorubicin-Loaded Polydopamine Nanoparticles Coated with a Platelet Membrane Suppress Tumor Growth in a Murine Model of Human Breast Cancer. <i>ACS Applied Bio Materials</i> , 2022, 5, 123-133.	4.6	13
8	Cu <sup>2+</sup> -Chelating Mesoporous Silica Nanoparticles for Synergistic Chemotherapy/Chemodynamic Therapy. <i>Pharmaceutics</i> , 2022, 14, 1200.	4.5	2
9	Ternary NiCoTi-layered double hydroxide nanosheets as a pH-responsive nanoagent for photodynamic/chemodynamic synergistic therapy. <i>Fundamental Research</i> , 2022, , .	3.3	3
10	Co-Loading of Inorganic Nanoparticles and Natural Oil in the Electrospun Janus Nanofibers for a Synergetic Antibacterial Effect. <i>Pharmaceutics</i> , 2022, 14, 1208.	4.5	38
11	Layered double hydroxide-based nanomaterials for biomedical applications. <i>Chemical Society Reviews</i> , 2022, 51, 6126-6176.	38.1	133
12	Computational and Experimental Evaluation of the Stability of a GLP-1-like Peptide in Ethanol-Water Mixtures. <i>Pharmaceutics</i> , 2022, 14, 1462.	4.5	0
13	Carrier-free nanodrugs for safe and effective cancer treatment. <i>Journal of Controlled Release</i> , 2021, 329, 805-832.	9.9	90
14	Microwave assisted accelerated fluoride adsorption by porous nanohydroxyapatite. <i>Materials Chemistry and Physics</i> , 2021, 257, 123712.	4.0	20
15	Electrospinning for healthcare: recent advancements. <i>Journal of Materials Chemistry B</i> , 2021, 9, 939-951.	5.8	81
16	Extracellular vesicles can be processed by electrospinning without loss of structure or function. <i>Materials Letters</i> , 2021, 282, 128671.	2.6	7
17	Protein encapsulation by electrospinning and electrospraying. <i>Journal of Controlled Release</i> , 2021, 329, 1172-1197.	9.9	61
18	Developing and scaling up fast-dissolving electrospun formulations based on poly(vinylpyrrolidone) and ketoprofen. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102138.	3.0	9

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19	A simple route to functionalising electrospun polymer scaffolds with surface biomolecules. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120231.	5.2	7
20	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.	5.2	52
21	Biopolymer-Based Nanohydroxyapatite Composites for the Removal of Fluoride, Lead, Cadmium, and Arsenic from Water. <i>ACS Omega</i> , 2021, 6, 8517-8530.	3.5	39
22	Particle Engineering of Gypsum Through Templating with Starch. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 5852-5860.	3.7	2
23	Electrospun fixed dose combination fibers for the treatment of cardiovascular disease. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120426.	5.2	9
24	Hollow Mesoporous Silica Nanoparticles Gated by Chitosan-Copper Sulfide Composites as Theranostic Agents for the Treatment of Breast Cancer. <i>Acta Biomaterialia</i> , 2021, 126, 408-420.	8.3	57
25	Multifunctional fabrics finished using electrosprayed hybrid Janus particles containing nanocatalysts. <i>Chemical Engineering Journal</i> , 2021, 411, 128474.	12.7	49
26	Structure-Activity Relationship of Lanthanide-Incorporated Nano-Hydroxyapatite for the Adsorption of Fluoride and Lead. <i>ACS Omega</i> , 2021, 6, 13527-13543.	3.5	10
27	Coaxial electrospun biomimetic copolymer fibres for application in diffusion magnetic resonance imaging. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 046016.	2.9	4
28	Layered Double Hydroxide Modified Bone Cement Promoting Osseointegration via Multiple Osteogenic Signal Pathways. <i>ACS Nano</i> , 2021, 15, 9732-9745.	14.6	47
29	Osteochondral Tissue Engineering: The Potential of Electrospinning and Additive Manufacturing. <i>Pharmaceutics</i> , 2021, 13, 983.	4.5	27
30	Ultrathin chalcogenide nanosheets for photoacoustic imaging-guided synergistic photothermal/gas therapy. <i>Biomaterials</i> , 2021, 273, 120807.	11.4	42
31	Encapsulation of Pharmaceutical and Nutraceutical Active Ingredients Using Electrospinning Processes. <i>Nanomaterials</i> , 2021, 11, 1968.	4.1	52
32	Functionalizable coaxial PLLA/PDLA nanofibers with stereocomplexes at the internal interface. <i>Journal of Materials Research</i> , 2021, 36, 2995-3009.	2.6	3
33	An investigation of alkaline phosphatase enzymatic activity after electrospinning and electrospraying. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102592.	3.0	5
34	Layered terbium hydroxides for simultaneous drug delivery and imaging. <i>Dalton Transactions</i> , 2021, 50, 10275-10290.	3.3	7
35	Nanomagnetite- and Nanotitania-Incorporated Polyacrylonitrile Nanofibers for Simultaneous Cd(II)- and As(V)-Ion Removal Applications. <i>ACS Omega</i> , 2021, 6, 28171-28181.	3.5	2
36	The effect of additives on the hydration of CaSO <sub>4</sub> ·0.5H <sub>2</sub> O: A synchrotron X-ray diffraction study. <i>Journal of Solid State Chemistry</i> , 2021, 305, 122671.	2.9	1

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37	The effect of formulation morphology on stimuli-triggered co-delivery of chemotherapeutic and MRI contrast agents. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121155.	5.2	4
38	The potential anti-infective applications of metal oxide nanoparticles: A systematic review. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1592.	6.1	70
39	Inhibiting the fibrillation of a GLP-1-like peptide. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118923.	5.2	6
40	Biomaterialized Bimetallic Oxide Nanotheranostics for Multimodal Imaging-Guided Combination Therapy. <i>Theranostics</i> , 2020, 10, 841-855.	10.0	50
41	Multicomponent Transition Metal Dichalcogenide Nanosheets for Imaging-Guided Photothermal and Chemodynamic Therapy. <i>Advanced Science</i> , 2020, 7, 2000272.	11.2	86
42	Energy-Saving Electrospinning with a Concentric Teflon-Core Rod Spinneret to Create Medicated Nanofibers. <i>Polymers</i> , 2020, 12, 2421.	4.5	130
43	A Simultaneous Differential Scanning Calorimetry-X-ray Diffraction Study of Olanzapine Crystallization from Amorphous Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2020, 17, 4364-4374.	4.6	6
44	An investigation of rhinovirus infection on cellular uptake of poly (glycerol-adipate) nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119826.	5.2	17
45	Mechanistic In Situ and Ex Situ Studies of Phase Transformations in Molecular Crystals. <i>Chemistry - A European Journal</i> , 2020, 26, 14645-14653.	3.3	4
46	Injectables and Depots to Prolong Drug Action of Proteins and Peptides. <i>Pharmaceutics</i> , 2020, 12, 999.	4.5	32
47	Human mouthfeel panel investigating the acceptability of electrospun and solvent cast orodispersible films. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119532.	5.2	8
48	pH-Responsive nanocomposite fibres allowing MRI monitoring of drug release. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7264-7274.	5.8	25
49	Functionalized boron nanosheets as an intelligent nanoplatform for synergistic low-temperature photothermal therapy and chemotherapy. <i>Nanoscale</i> , 2020, 12, 14739-14750.	5.6	49
50	A Novel Transdermal Protein Delivery Strategy via Electrohydrodynamic Coating of PLGA Microparticles onto Microneedles. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12478-12488.	8.0	42
51	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.	7.3	202
52	Stealth Polydopamine-Based Nanoparticles with Red Blood Cell Membrane for the Chemo-Photothermal Therapy of Cancer. <i>ACS Applied Bio Materials</i> , 2020, 3, 2350-2359.	4.6	26
53	The Effect of Solvent Vapor Annealing on Drug-Loaded Electrospun Polymer Fibers. <i>Pharmaceutics</i> , 2020, 12, 139.	4.5	12
54	Acoustic Immunosensing of Exosomes Using a Quartz Crystal Microbalance with Dissipation Monitoring. <i>Analytical Chemistry</i> , 2020, 92, 4082-4093.	6.5	55

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55	Fabrication of Electrospun Levodopa-Carbidopa Fixed-Dose Combinations. <i>Advanced Fiber Materials</i> , 2020, 2, 194-203.	16.1	19
56	SiO <sub>2</sub> -coated layered gadolinium hydroxides for simultaneous drug delivery and magnetic resonance imaging. <i>Journal of Solid State Chemistry</i> , 2020, 286, 121291.	2.9	14
57	Controlled local release of PPAR <sup>α</sup> agonists from biomaterials to treat peripheral nerve injury. <i>Journal of Neural Engineering</i> , 2020, 17, 046030.	3.5	11
58	Enhancing Photocatalytic Activity of Nb <sub>2</sub> O <sub>5</sub> for Aerobic Oxidation Through Synergy of Oxygen Vacancy and Porosity. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2495-2502.	0.9	4
59	The Development and Bio-applications of Multifluid Electrospinning. <i>Materials Highlights</i> , 2020, 1, 1.	1.8	42
60	An Exploration of Electrospun Fibers Containing Drug-Cyclodextrin Inclusion Complexes. <i>Pharmaceutical Sciences and Research</i> , 2020, 7, .	0.1	0
61	Perfluorophenyl azide functionalization of electrospun poly( para -dioxanone). <i>Polymers for Advanced Technologies</i> , 2019, 30, 1165-1172.	3.2	1
62	Electrospun oral formulations for combined photo-chemotherapy of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110411.	5.0	17
63	The effect of collection substrate on electrospun ciprofloxacin-loaded poly(vinylpyrrolidone) and ethyl cellulose nanofibers as potential wound dressing materials. <i>Materials Science and Engineering C</i> , 2019, 104, 109917.	7.3	49
64	Solid lipid nanoparticles self-assembled from spray dried microparticles. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118784.	5.2	8
65	Gaseous nanoprobes for detecting gas-trapping environments in macroscopic films of vapor-deposited amorphous ice. <i>Journal of Chemical Physics</i> , 2019, 151, 134505.	3.0	8
66	Synergistic Chemo-Photothermal Suppression of Cancer by Melanin Decorated MoO <sub>3</sub> Nanosheets. <i>ACS Applied Bio Materials</i> , 2019, 2, 4356-4366.	4.6	16
67	Erythrocyte Membrane Cloaked Curcumin-Loaded Nanoparticles for Enhanced Chemotherapy. <i>Pharmaceutics</i> , 2019, 11, 429.	4.5	34
68	Pluronic F127-based micelles for tumor-targeted bufalin delivery. <i>International Journal of Pharmaceutics</i> , 2019, 559, 289-298.	5.2	51
69	Dual-responsive nanoparticles based on chitosan for enhanced breast cancer therapy. <i>Carbohydrate Polymers</i> , 2019, 221, 84-93.	10.2	45
70	A Multifunctional Biodegradable Nanocomposite for Cancer Theranostics. <i>Advanced Science</i> , 2019, 6, 1802001.	11.2	72
71	Olanzapine Form IV: Discovery of a New Polymorphic Form Enabled by Computed Crystal Energy Landscapes. <i>Crystal Growth and Design</i> , 2019, 19, 2751-2757.	3.0	31
72	Tunable drug release from blend poly(vinyl pyrrolidone)-ethyl cellulose nanofibers. <i>International Journal of Pharmaceutics</i> , 2019, 562, 172-179.	5.2	54

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73	A novel chitosan-based nanomedicine for multi-drug resistant breast cancer therapy. <i>Chemical Engineering Journal</i> , 2019, 369, 134-149.	12.7	61
74	Solar- versus Thermal-Driven Catalysis for Energy Conversion. <i>Joule</i> , 2019, 3, 920-937.	24.0	153
75	Improved nanocomposite of montmorillonite and hydroxyapatite for defluoridation of water. <i>RSC Advances</i> , 2019, 9, 35588-35598.	3.6	25
76	Tunable zero-order drug delivery systems created by modified triaxial electrospinning. <i>Chemical Engineering Journal</i> , 2019, 356, 886-894.	12.7	117
77	Immediate release of helicid from nanoparticles produced by modified coaxial electrospinning. <i>Applied Surface Science</i> , 2019, 473, 148-155.	6.1	45
78	Peptide functionalized dual-responsive chitosan nanoparticles for controlled drug delivery to breast cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 564, 122-130.	4.7	44
79	Dual-responsive molybdenum disulfide/copper sulfide-based delivery systems for enhanced chemo-photothermal therapy. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 433-441.	9.4	35
80	Functionalized MoS <sub>2</sub> -nanosheets for targeted drug delivery and chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 101-108.	5.0	82
81	Tunable drug release from nanofibers coated with blank cellulose acetate layers fabricated using tri-axial electrospinning. <i>Carbohydrate Polymers</i> , 2019, 203, 228-237.	10.2	126
82	A simultaneous X-ray diffraction and differential scanning calorimetry study into the phase transitions of mefenamic acid. <i>Journal of Applied Crystallography</i> , 2019, 52, 1264-1270.	4.5	5
83	A kinetic and mechanistic study into the transformation of calcium sulfate hemihydrate to dihydrate. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 774-784.	2.4	12
84	Effective delivery of hydrophobic drugs to breast and liver cancer cells using a hybrid inorganic nanocarrier: A detailed investigation using cytotoxicity assays, fluorescence imaging and flow cytometry. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 18-26.	4.3	33
85	Layered gadolinium hydroxides for simultaneous drug delivery and imaging. <i>Dalton Transactions</i> , 2018, 47, 3166-3177.	3.3	22
86	Core-shell poly(lactide-co-ε-caprolactone)-gelatin fiber scaffolds as pH-sensitive drug delivery systems. <i>Journal of Biomaterials Applications</i> , 2018, 32, 1105-1118.	2.4	27
87	Dual-responsive drug delivery systems prepared by blend electrospinning. <i>International Journal of Pharmaceutics</i> , 2018, 543, 1-7.	5.2	34
88	pH-responsive liposomes self-assembled from electrospayed microparticles, and their drug release properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 20-27.	4.7	23
89	The influence of electrospinning parameters on polydioxanone scaffold properties. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025023.	1.2	4
90	Reverse microemulsion synthesis of layered gadolinium hydroxide nanoparticles. <i>Journal of Solid State Chemistry</i> , 2018, 258, 320-327.	2.9	6

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91	The Effect of Molecular Properties on Active Ingredient Release from Electrospun Eudragit Fibers. <i>Pharmaceutics</i> , 2018, 10, 103.	4.5	14
92	Dual temperature and pH responsive nanofiber formulations prepared by electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 142-149.	5.0	44
93	Polymorphic Phase Transitions in Carbamazepine and 10,11- $\Delta^8$ -Dihydrocarbamazepine. <i>Chemistry - A European Journal</i> , 2018, 24, 13573-13581.	3.3	12
94	Electrospun fixed dose formulations of amlodipine besylate and valsartan. <i>International Journal of Pharmaceutics</i> , 2018, 549, 446-455.	5.2	41
95	Electrospun amorphous solid dispersions of poorly water-soluble drugs: A review. <i>Journal of Controlled Release</i> , 2018, 292, 91-110.	9.9	216
96	Regenerated chitin fibers reinforced with bacterial cellulose nanocrystals as suture biomaterials. <i>Carbohydrate Polymers</i> , 2018, 180, 304-313.	10.2	79
97	Structural and enzyme kinetic studies of retrograded starch: Inhibition of $\alpha$ -amylase and consequences for intestinal digestion of starch. <i>Carbohydrate Polymers</i> , 2017, 164, 154-161.	10.2	104
98	Nanosized sustained-release drug depots fabricated using modified tri-axial electrospinning. <i>Acta Biomaterialia</i> , 2017, 53, 233-241.	8.3	110
99	Poly(N-isopropylacrylamide)/poly(L-lactic acid-co- $\epsilon$ -caprolactone) fibers loaded with ciprofloxacin as wound dressing materials. <i>Materials Science and Engineering C</i> , 2017, 79, 245-254.	7.3	53
100	Influence of the drug distribution in electrospun gliadin fibers on drug-release behavior. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 106, 422-430.	4.0	104
101	Core/shell poly(ethylene oxide)/Eudragit fibers for site-specific release. <i>International Journal of Pharmaceutics</i> , 2017, 523, 376-385.	5.2	29
102	High-quality Janus nanofibers prepared using three-fluid electrospinning. <i>Chemical Communications</i> , 2017, 53, 4542-4545.	4.1	177
103	Thermosensitive nanofibers loaded with ciprofloxacin as antibacterial wound dressing materials. <i>International Journal of Pharmaceutics</i> , 2017, 517, 135-147.	5.2	96
104	Electrospun formulations of bevacizumab for sustained release in the eye. <i>Acta Biomaterialia</i> , 2017, 64, 126-136.	8.3	59
105	A thermosensitive drug delivery system prepared by blend electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 277-283.	5.0	37
106	Electrospun gelatin/sodium bicarbonate and poly(lactide-co- $\epsilon$ -caprolactone)/sodium bicarbonate nanofibers as drug delivery systems. <i>Materials Science and Engineering C</i> , 2017, 81, 359-365.	7.3	33
107	Electrospun organic-inorganic nanohybrids as sustained release drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9165-9174.	5.8	31
108	Electrospun boronic acid-containing polymer membranes as fluorescent sensors for bacteria detection. <i>Reactive and Functional Polymers</i> , 2017, 121, 23-31.	4.1	27

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109	Electrosprayed Janus Particles for Combined Photo-Chemotherapy. <i>AAPS PharmSciTech</i> , 2017, 18, 1460-1468.	3.3	27
110	RGD constructs with physical anchor groups as polymer co-electrospinnable cell adhesives. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1312-1317.	3.2	3
111	Glucose- and temperature-sensitive nanoparticles for insulin delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4037-4057.	6.7	25
112	Insulin-loaded PLGA microspheres for glucose-responsive release. <i>Drug Delivery</i> , 2017, 24, 1513-1525.	5.7	49
113	Liraglutide-loaded poly(lactic-co-glycolic acid) microspheres: Preparation and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 92, 28-38.	4.0	23
114	Electrospun Contrast Agent-Loaded Fibers for Colon-Targeted MRI. <i>Advanced Healthcare Materials</i> , 2016, 5, 977-985.	7.6	47
115	Hydroxy double salts loaded with bioactive ions: Synthesis, intercalation mechanisms, and functional performance. <i>Journal of Solid State Chemistry</i> , 2016, 238, 129-138.	2.9	10
116	Electrospun gelatin nanofibers loaded with vitamins A and E as antibacterial wound dressing materials. <i>RSC Advances</i> , 2016, 6, 50267-50277.	3.6	127
117	The potential for a protective vaccine for rhinovirus infections. <i>Expert Review of Vaccines</i> , 2016, 15, 569-571.	4.4	15
118	Stabilisation of metastable polymorphs: the case of paracetamol form III. <i>Chemical Communications</i> , 2016, 52, 12028-12031.	4.1	39
119	New biocompatible hydroxy double salts and their drug delivery properties. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5789-5793.	5.8	10
120	Simultaneous Differential Scanning Calorimetry-Synchrotron X-ray Powder Diffraction: A Powerful Technique for Physical Form Characterization in Pharmaceutical Materials. <i>Analytical Chemistry</i> , 2016, 88, 10111-10117.	6.5	27
121	Layered double hydroxide-oxidized carbon nanotube hybrids as highly efficient flame retardant nanofillers for polypropylene. <i>Scientific Reports</i> , 2016, 6, 35502.	3.3	44
122	Lactobionic acid and carboxymethyl chitosan functionalized graphene oxide nanocomposites as targeted anticancer drug delivery systems. <i>Carbohydrate Polymers</i> , 2016, 151, 812-820.	10.2	114
123	Theranostic Fibers for Simultaneous Imaging and Drug Delivery. <i>Molecular Pharmaceutics</i> , 2016, 13, 2457-2465.	4.6	51
124	Medicated Janus fibers fabricated using a Teflon-coated side-by-side spinneret. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 138, 110-116.	5.0	106
125	Electrospun Poly(N-isopropylacrylamide)/Ethyl Cellulose Nanofibers as Thermoresponsive Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1104-1112.	3.3	87
126	Hydroxy double salts intercalated with Mn(II) complexes as potential contrast agents. <i>Solid State Sciences</i> , 2016, 53, 9-16.	3.2	9



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127	Electrospun pH-sensitive core-shell polymer nanocomposites fabricated using a tri-axial process. <i>Acta Biomaterialia</i> , 2016, 35, 77-86.	8.3	161
128	Electrospun formulations of acyclovir, ciprofloxacin and cyanocobalamin for ocular drug delivery. <i>International Journal of Pharmaceutics</i> , 2016, 502, 208-218.	5.2	41
129	Thermal Behavior of Benzoic Acid/Isonicotinamide Binary Cocrystals. <i>Crystal Growth and Design</i> , 2015, 15, 3249-3256.	3.0	8
130	Electrospun medicated shellac nanofibers for colon-targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2015, 490, 384-390.	5.2	112
131	Particulate inorganic adjuvants: recent developments and future outlook. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 426-449.	2.4	31
132	Fast-dissolving sweet sedative nanofiber membranes. <i>Journal of Materials Science</i> , 2015, 50, 3604-3613.	3.7	37
133	Nanofibers Fabricated Using Triaxial Electrospinning as Zero Order Drug Delivery Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 18891-18897.	8.0	236
134	Combined <i>In Situ</i> and <i>In Silico</i> Studies of Guest Intercalation into the Layered Double Hydroxide $[\text{LiAl}_2(\text{OH})_6]\text{X}\cdot 2\text{H}_2\text{O}$ . <i>Journal of Physical Chemistry C</i> , 2015, 119, 18729-18740.	3.1	4
135	Polymer-Based Reconstruction of the Inferior Vena Cava in Rat: Stem Cells or RGD Peptide?. <i>Tissue Engineering - Part A</i> , 2015, 21, 1552-1564.	3.1	21
136	Preparation and characterisation of retrograded resistant starch. <i>Proceedings of the Nutrition Society</i> , 2015, 74, .	1.0	1
137	5-Fluorouracil loaded Eudragit fibers prepared by electrospinning. <i>International Journal of Pharmaceutics</i> , 2015, 495, 895-902.	5.2	62
138	Solid-state protein formulations. <i>Therapeutic Delivery</i> , 2015, 6, 59-82.	2.2	31
139	Incorporation of cisplatin into the metal-organic frameworks UiO66-NH <sub>2</sub> and UiO66 encapsulation vs. conjugation. <i>RSC Advances</i> , 2015, 5, 83648-83656.	3.6	62
140	Fast-Dissolving Core-Shell Composite Microparticles of Quercetin Fabricated Using a Coaxial Electro spray Process. <i>PLoS ONE</i> , 2014, 9, e92106.	2.5	43
141	Mebeverine-Loaded Electrospun Nanofibers: Physicochemical Characterization and Dissolution Studies. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 283-292.	3.3	45
142	Immunity induced by a broad class of inorganic crystalline materials is directly controlled by their chemistry. <i>Journal of Experimental Medicine</i> , 2014, 211, 1019-1025.	8.5	45
143	Highly stable coated polyvinylpyrrolidone nanofibers prepared using modified coaxial electrospinning. <i>Fibers and Polymers</i> , 2014, 15, 78-83.	2.1	24
144	Self-assembled magnetic liposomes from electrospun fibers. <i>Materials Research Bulletin</i> , 2014, 53, 280-289.	5.2	19

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145	Electrospun acid–base pair solid dispersions of quercetin. RSC Advances, 2014, 4, 58265-58271.	3.6	31
146	Fast dissolving paracetamol/caffeine nanofibers prepared by electrospinning. International Journal of Pharmaceutics, 2014, 477, 369-379.	5.2	139
147	Amorphous Formulations of Indomethacin and Griseofulvin Prepared by Electrospinning. Molecular Pharmaceutics, 2014, 11, 4327-4338.	4.6	58
148	Hierarchical NiAl Layered Double Hydroxide/Multiwalled Carbon Nanotube/Nickel Foam Electrodes with Excellent Pseudocapacitive Properties. ACS Applied Materials & Interfaces, 2014, 6, 16304-16311.	8.0	112
149	Electrospun glycopolymer fibers for lectin recognition. Polymer Chemistry, 2014, 5, 3009-3017.	3.9	16
150	Pulsatile drug release from electrospun poly(ethylene oxide)–sodium alginate blend nanofibres. Journal of Materials Chemistry B, 2014, 2, 1400-1407.	5.8	31
151	Self-assembled liposomes from electrospayed polymer-based microparticles. Colloid and Polymer Science, 2014, 292, 2325-2334.	2.1	5
152	Tunable biphasic drug release from ethyl cellulose nanofibers fabricated using a modified coaxial electrospinning process. Nanoscale Research Letters, 2014, 9, 258.	5.7	47
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