

# Angel Concheiro

## List of Publications by Year in descending order

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322  
papers

14,148  
citations

19657

61  
h-index

37204

96  
g-index

328  
all docs

328  
docs citations

328  
times ranked

13925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moxifloxacin imprinted silicon based hydrogels for sustained ocular release. <i>Annals of Medicine</i> , 2024, 51, 103-103.	3.8	6
2	3D printed carboxymethyl cellulose scaffolds for autologous growth factors delivery in wound healing. <i>Carbohydrate Polymers</i> , 2022, 278, 118924.	10.2	54
3	Modification of indwelling PVC catheters by ionizing radiation with temperature- and pH-responsive polymers for antibiotic delivery. <i>Radiation Physics and Chemistry</i> , 2022, 193, 110005.	2.8	4
4	Testing drug release from medicated contact lenses: The missing link to predict in vivo performance. <i>Journal of Controlled Release</i> , 2022, 343, 672-702.	9.9	21
5	Poly(pseudo)rotaxanes formed by mixed micelles and $\beta$ -cyclodextrin enhance terbinafine nail permeation to deeper layers. <i>International Journal of Pharmaceutics: X</i> , 2022, 4, 100118.	1.6	2
6	Where Is Nano Today and Where Is It Headed? A Review of Nanomedicine and the Dilemma of Nanotoxicology. <i>ACS Nano</i> , 2022, 16, 9994-10041.	14.6	62
7	Contact lenses for pravastatin delivery to eye segments: Design and in vitro-in vivo correlations. <i>Journal of Controlled Release</i> , 2022, 348, 431-443.	9.9	13
8	Anti-biofilm multi drug-loaded 3D printed hearing aids. <i>Materials Science and Engineering C</i> , 2021, 119, 111606.	7.3	59
9	Aerogels in drug delivery: From design to application. <i>Journal of Controlled Release</i> , 2021, 332, 40-63.	9.9	123
10	Atorvastatin-Eluting Contact Lenses: Effects of Molecular Imprinting and Sterilization on Drug Loading and Release. <i>Pharmaceutics</i> , 2021, 13, 606.	4.5	20
11	Resveratrol-Loaded Hydrogel Contact Lenses with Antioxidant and Antibiofilm Performance. <i>Pharmaceutics</i> , 2021, 13, 532.	4.5	21
12	Diabetic eye: associated diseases, drugs in clinic, and role of self-assembled carriers in topical treatment. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1589-1607.	5.0	6
13	Use of 3D Printing for the Development of Biodegradable Antiplatelet Materials for Cardiovascular Applications. <i>Pharmaceutics</i> , 2021, 14, 921.	3.8	25
14	Niosomes-based gene delivery systems for effective transfection of human mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2021, 128, 112307.	7.3	11
15	Hyaluronan/Poly-L-lysine/Berberine Nanogels for Impaired Wound Healing. <i>Pharmaceutics</i> , 2021, 13, 34.	4.5	19
16	Synthesis and Characterization of a Novel Nanomicellar System Pluronic-PEI Suitable for Gene and Drug Co-Delivery in Cancer Therapy. <i>Proceedings (mdpi)</i> , 2021, 78, 36.	0.2	0
17	A new era for sterilization based on supercritical CO <sub>2</sub> technology. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 399-428.	3.4	68
18	Poly(vinyl alcohol) triggers Au nanoparticles formation for near-infrared radiation-responsive gels and nanofibers. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48811.	2.6	2

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19	Micelle-nanogel platform for ferulic acid ocular delivery. <i>International Journal of Pharmaceutics</i> , 2020, 576, 118986.	5.2	33
20	Orodispersible Carbamazepine/Hydroxypropyl- $\beta$ -Cyclodextrin Tablets Obtained by Direct Compression with Five-in-One Co-processed Excipients. <i>AAPS PharmSciTech</i> , 2020, 21, 39.	3.3	16
21	Imprinted Contact Lenses for Ocular Administration of Antiviral Drugs. <i>Polymers</i> , 2020, 12, 2026.	4.5	24
22	Micelles of Progesterone for Topical Eye Administration: Interspecies and Intertissues Differences in Ex Vivo Ocular Permeability. <i>Pharmaceutics</i> , 2020, 12, 702.	4.5	20
23	Biomimetic cancer cell membrane-coated nanosystems as next-generation cancer therapies. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1515-1518.	5.0	20
24	Hot melt-extrusion improves the properties of cyclodextrin-based poly(pseudo)rotaxanes for transdermal formulation. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119510.	5.2	24
25	Crosslinked Hyaluronan Electrospun Nanofibers for Ferulic Acid Ocular Delivery. <i>Pharmaceutics</i> , 2020, 12, 274.	4.5	41
26	Stimuli-sensitive cross-linked hydrogels as drug delivery systems: Impact of the drug on the responsiveness. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119157.	5.2	30
27	Synthesis of polyamide-6@cellulose microfilms grafted with N-vinylcaprolactam using gamma-rays and loading of antimicrobial drugs. <i>Cellulose</i> , 2020, 27, 2785-2801.	4.9	14
28	Nanomedicine in osteosarcoma therapy: Micelleplexes for delivery of nucleic acids and drugs toward osteosarcoma-targeted therapies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 148, 88-106.	4.3	21
29	Cytosine-functionalized bioinspired hydrogels for ocular delivery of antioxidant transferulic acid. <i>Biomaterials Science</i> , 2020, 8, 1171-1180.	5.4	17
30	Carbamazepine bilayer tablets combining hydrophilic and hydrophobic cyclodextrins as a quick/slow biphasic release system. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101611.	3.0	8
31	Controlled Release of rAAV Vectors from APMA-Functionalized Contact Lenses for Corneal Gene Therapy. <i>Pharmaceutics</i> , 2020, 12, 335.	4.5	15
32	Micelleplexes as nucleic acid delivery systems for cancer-targeted therapies. <i>Journal of Controlled Release</i> , 2020, 323, 442-462.	9.9	41
33	Polypseudorotaxanes of Pluronic <sup>®</sup> F127 with Combinations of $\beta$ - and $\gamma$ -Cyclodextrins for Topical Formulation of Acyclovir. <i>Nanomaterials</i> , 2020, 10, 613.	4.1	19
34	Nanogels for regenerative medicine. <i>Journal of Controlled Release</i> , 2019, 313, 148-160.	9.9	68
35	Nanotheranostic Pluronic-Like Polymeric Micelles: Shedding Light into the Dark Shadows of Tumors. <i>Molecular Pharmaceutics</i> , 2019, 16, 4757-4774.	4.6	18
36	Hydrogels for diabetic eyes: Naltrexone loading, release profiles and cornea penetration. <i>Materials Science and Engineering C</i> , 2019, 105, 110092.	7.3	23

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37	Syringeable Self-Organizing Gels that Trigger Gold Nanoparticle Formation for Localized Thermal Ablation. <i>Pharmaceutics</i> , 2019, 11, 52.	4.5	3
38	Cyclodextrin-functionalized cellulose filter paper for selective capture of diclofenac. <i>Carbohydrate Polymers</i> , 2019, 220, 43-52.	10.2	19
39	Hydroxypropyl- $\beta$ -cyclodextrin-based fast dissolving carbamazepine printlets prepared by semisolid extrusion 3D printing. <i>Carbohydrate Polymers</i> , 2019, 221, 55-62.	10.2	72
40	Post-manufacture loading of filaments and 3D printed PLA scaffolds with prednisolone and dexamethasone for tissue regeneration applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 141, 100-110.	4.3	51
41	Sustainable Electro-Responsive Semi-Interpenetrating Starch/Ionic Liquid Copolymer Networks for the Controlled Sorption/Release of Biomolecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10516-10532.	6.7	10
42	Anandamide-nanoformulation obtained by electrospraying for cardiovascular therapy. <i>International Journal of Pharmaceutics</i> , 2019, 566, 1-10.	5.2	17
43	Topical application of polymeric nanomicelles in ophthalmology: a review on research efforts for the noninvasive delivery of ocular therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 397-413.	5.0	57
44	scCO <sub>2</sub> -foamed silk fibroin aerogel/poly( $\epsilon$ -caprolactone) scaffolds containing dexamethasone for bone regeneration. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 31, 51-64.	6.8	49
45	Smart Drug Release from Medical Devices. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 544-554.	2.5	23
46	Radiation-grafting of N-vinylcaprolactam and 2-hydroxyethyl methacrylate onto polypropylene films to obtain a thermo-responsive drug delivery system. <i>Radiation Physics and Chemistry</i> , 2019, 157, 6-14.	2.8	13
47	Bioinspired hydrogels for drug-eluting contact lenses. <i>Acta Biomaterialia</i> , 2019, 84, 49-62.	8.3	77
48	Radiation grafting of poly(methyl methacrylate) and poly(vinylimidazole) onto polytetrafluoroethylene films and silver immobilization for antimicrobial performance. <i>Applied Surface Science</i> , 2019, 473, 951-959.	6.1	23
49	Immobilization of antimicrobial and anti-quorum sensing enzymes onto GMA-grafted poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock	5.2	23
50	Gallic acid loaded PEO-core/zein-shell nanofibers for chemopreventive action on gallbladder cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 119, 49-61.	4.0	43
51	Mobility of Water and Polymer Species and Rheological Properties of Supramolecular Polypseudorotaxane Gels Suitable for Bone Regeneration. <i>Bioconjugate Chemistry</i> , 2018, 29, 503-516.	3.6	14
52	Antimicrobial silver-loaded polypropylene sutures modified by radiation-grafting. <i>European Polymer Journal</i> , 2018, 100, 290-297.	5.4	36
53	Preparation and stability of dexamethasone-loaded polymeric scaffolds for bone regeneration processed by compressed CO <sub>2</sub> foaming. <i>Journal of CO<sub>2</sub> Utilization</i> , 2018, 24, 89-98.	6.8	33
54	Antimicrobial Properties and Osteogenicity of Vancomycin-Loaded Synthetic Scaffolds Obtained by Supercritical Foaming. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3349-3360.	8.0	42

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55	Poloxamer 407/TPGS Mixed Micelles as Promising Carriers for Cyclosporine Ocular Delivery. <i>Molecular Pharmaceutics</i> , 2018, 15, 571-584.	4.6	99
56	Graft copolymerization by ionization radiation, characterization, and enzymatic activity of temperature-responsive SR-g-PNVCL loaded with lysozyme. <i>Reactive and Functional Polymers</i> , 2018, 126, 74-82.	4.1	30
57	Poly(vinyl chloride) catheters modified with pH-responsive poly(methacrylic acid) with affinity for antimicrobial agents. <i>Radiation Physics and Chemistry</i> , 2018, 142, 107-114.	2.8	18
58	Epalrestat-loaded silicone hydrogels as contact lenses to address diabetic-eye complications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 122, 126-136.	4.3	59
59	Soluplus micelles for acyclovir ocular delivery: Formulation and cornea and sclera permeability. <i>International Journal of Pharmaceutics</i> , 2018, 552, 39-47.	5.2	71
60	RNAi-based therapeutics for lung cancer: biomarkers, microRNAs, and nanocarriers. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 965-982.	5.0	15
61	Functionalization of titanium implants with phase-transited lysozyme for gentle immobilization of antimicrobial lysozyme. <i>Applied Surface Science</i> , 2018, 452, 32-42.	6.1	17
62	Cyclodextrin-based poly(pseudo)rotaxanes for transdermal delivery of carvedilol. <i>Carbohydrate Polymers</i> , 2018, 200, 278-288.	10.2	29
63	Cyclosporine-loaded cross-linked inserts of sodium hyaluronan and hydroxypropyl- $\beta$ -cyclodextrin for ocular administration. <i>Carbohydrate Polymers</i> , 2018, 201, 308-316.	10.2	34
64	One-step grafting of temperature-and pH-sensitive (N-vinylcaprolactam-co-4-vinylpyridine) onto silicone rubber for drug delivery. <i>Designed Monomers and Polymers</i> , 2017, 20, 33-41.	1.6	17
65	Supercritical processing of starch aerogels and aerogel-loaded poly( $\epsilon$ -caprolactone) scaffolds for sustained release of ketoprofen for bone regeneration. <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 18, 237-249.	6.8	80
66	Surface-modified bioresorbable electrospun scaffolds for improving hemocompatibility of vascular grafts. <i>Materials Science and Engineering C</i> , 2017, 75, 1115-1127.	7.3	39
67	Dually sensitive dextran-based micelles for methotrexate delivery. <i>RSC Advances</i> , 2017, 7, 14448-14460.	3.6	22
68	SEM-image textural features and drug release behavior of Eudragit-based matrix pellets. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 292-298.	3.0	3
69	Supramolecular polypseudorotaxane gels for controlled delivery of rAAV vectors in human mesenchymal stem cells for regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2017, 531, 492-503.	5.2	33
70	Synthetic scaffolds with full pore interconnectivity for bone regeneration prepared by supercritical foaming using advanced biofunctional plasticizers. <i>Biofabrication</i> , 2017, 9, 035002.	7.1	29
71	Biodegradable PCL/fibroin/hydroxyapatite porous scaffolds prepared by supercritical foaming for bone regeneration. <i>International Journal of Pharmaceutics</i> , 2017, 527, 115-125.	5.2	42
72	Silicone rubber films functionalized with poly(acrylic acid) nanobrushes for immobilization of gold nanoparticles and photothermal therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 245-254.	3.0	40

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73	Cyclodextrins as versatile building blocks for regenerative medicine. <i>Journal of Controlled Release</i> , 2017, 268, 269-281.	9.9	67
74	Temperature-sensitive biocompatible IPN hydrogels based on poly(NIPA-PEGdma) and photocrosslinkable gelatin methacrylate. <i>Soft Materials</i> , 2017, 15, 341-349.	1.7	14
75	Structure-Performance Relationships of Temperature-Responsive PLGA-PEG-PLGA Gels for Sustained Release of Bone Morphogenetic Protein-2. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3353-3362.	3.3	20
76	Improved covalent immobilization of lysozyme on silicone rubber-films grafted with poly(ethylene Terephthalate) (PET). <i>Journal of Applied Polymer Science</i> , 2017, 120, 1071-1079.	5.4	15
77	Microparticle-embedded fibroin/alginate beads for prolonged local release of simvastatin hydroxyacid to mesenchymal stem cells. <i>Carbohydrate Polymers</i> , 2017, 175, 645-653.	10.2	12
78	Achieving antimicrobial activity through poly(N-methylvinylimidazolium) iodide brushes on binary-grafted polypropylene suture threads. <i>MRS Communications</i> , 2017, 7, 938-946.	1.8	15
79	Radiation-grafting of vinyl monomers separately onto polypropylene monofilament sutures. <i>Radiation Physics and Chemistry</i> , 2017, 132, 1-7.	2.8	11
80	rAAV-mediated overexpression of TGF- $\beta$ 1 via vector delivery in polymeric micelles stimulates the biological and reparative activities of human articular chondrocytes in vitro and in a human osteochondral defect model. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6985-6996.	6.7	33
81	Electrospun Fibers of Cyclodextrins and Poly(cyclodextrins). <i>Molecules</i> , 2017, 22, 230.	3.8	43
82	pH/redox dual-sensitive dextran nanogels for enhanced intracellular drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 324-332.	4.3	46
83	Smart Polymers: Imprinting. , 2017, , 1424-1442.		0
84	Preparation of antioxidant active films based on chitosan: diffusivity study of $\alpha$ -tocopherol into food simulants. <i>Journal of Food Science and Technology</i> , 2016, 53, 2817-2826.	2.8	19
85	Dressings Loaded with Cyclodextrin-Hamamelitannin Complexes Increase <i>Staphylococcus aureus</i> Susceptibility Toward Antibiotics Both in Single as well as in Mixed Biofilm Communities. <i>Macromolecular Bioscience</i> , 2016, 16, 859-869.	4.1	60
86	Biomimetic contact lenses eluting olopatadine for allergic conjunctivitis. <i>Acta Biomaterialia</i> , 2016, 41, 302-311.	8.3	47
87	$\alpha$ -Lipoic Acid in Soluplus <sup>®</sup> Polymeric Nanomicelles for Ocular Treatment of Diabetes-Associated Corneal Diseases. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2855-2863.	3.3	91
88	Stimuli-responsive polymers for antimicrobial therapy: drug targeting, contact-killing surfaces and competitive release. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1109-1119.	5.0	38
89	Lysozyme immobilization onto PVC catheters grafted with NVCL and HEMA for reduction of bacterial adhesion. <i>Radiation Physics and Chemistry</i> , 2016, 126, 1-8.	2.8	11
90	HMDSO-plasma coated electrospun fibers of poly(cyclodextrin)s for antifungal dressings. <i>International Journal of Pharmaceutics</i> , 2016, 513, 518-527.	5.2	17

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91	Oxytetracycline recovery from aqueous media using computationally designed molecularly imprinted polymers. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6845-6856.	3.7	18
92	Low viscosity-PLGA scaffolds by compressed CO <sub>2</sub> foaming for growth factor delivery. <i>RSC Advances</i> , 2016, 6, 70510-70519.	3.6	14
93	Polymeric prodrug-functionalized polypropylene films for sustained release of salicylic acid. <i>International Journal of Pharmaceutics</i> , 2016, 511, 579-585.	5.2	12
94	PEO-PPO-PEO Carriers for rAAV-Mediated Transduction of Human Articular Chondrocytes in Vitro and in a Human Osteochondral Defect Model. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 20600-20613.	8.0	38
95	Poloxamer-hydroxyethyl cellulose- $\beta$ -cyclodextrin supramolecular gels for sustained release of griseofulvin. <i>International Journal of Pharmaceutics</i> , 2016, 500, 11-19.	5.2	42
96	Encapsulation of Antioxidant Gallate Derivatives in Biocompatible Poly( $\mu$ -caprolactone)- <i>b</i> -Pluronic- <i>b</i> -Poly( $\mu$ -caprolactone) Micelles. <i>Langmuir</i> , 2016, 32, 3331-3339.	3.5	25
97	Pharmacokinetics of cyclodextrins and drugs after oral and parenteral administration of drug/cyclodextrin complexes. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 544-555.	2.4	82
98	Growth factors delivery from hybrid PCL-starch scaffolds processed using supercritical fluid technology. <i>Carbohydrate Polymers</i> , 2016, 142, 282-292.	10.2	38
99	Modification of medical grade PVC with N-vinylimidazole to obtain bactericidal surface. <i>Radiation Physics and Chemistry</i> , 2016, 119, 37-43.	2.8	41
100	Patent Survey on Current Applications of Supercritical Fluid Technology in Regenerative Medicine. <i>Recent Patents on Nanomedicine</i> , 2015, 5, 48-58.	0.5	8
101	Glucose cryoprotectant affects glutathione-responsive antitumor drug release from polysaccharide nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 281-292.	4.3	13
102	Osteogenic poly( $\mu$ -caprolactone)/poloxamine homogeneous blends prepared by supercritical foaming. <i>International Journal of Pharmaceutics</i> , 2015, 479, 11-22.	5.2	10
103	Grafting of <i>N</i> -vinyl caprolactam and methacrylic acid onto silicone rubber films for drug-eluting products. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	10
104	Radiation-grafting of <i>N</i> -vinylimidazole onto silicone rubber for antimicrobial properties. <i>Radiation Physics and Chemistry</i> , 2015, 110, 59-66.	2.8	27
105	Processing of Materials for Regenerative Medicine Using Supercritical Fluid Technology. <i>Bioconjugate Chemistry</i> , 2015, 26, 1159-1171.	3.6	89
106	Supramolecular cyclodextrin-based drug nanocarriers. <i>Chemical Communications</i> , 2015, 51, 6275-6289.	4.1	142
107	Polymers in Drug Delivery: Fundamentals. , 2015, , 319-339.		1
108	Interaction of poloxamine block copolymers with lipid membranes: Role of copolymer structure and membrane cholesterol content. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 270-277.	5.0	14

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109	Singly and binary grafted poly(vinyl chloride) urinary catheters that elute ciprofloxacin and prevent bacteria adhesion. <i>International Journal of Pharmaceutics</i> , 2015, 488, 20-28.	5.2	28
110	Stimuli-responsive materials in analytical separation. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4927-4948.	3.7	50
111	Additive manufacturing of scaffolds with dexamethasone controlled release for enhanced bone regeneration. <i>International Journal of Pharmaceutics</i> , 2015, 496, 541-550.	5.2	60
112	Hydrophobically Modified Keratin Vesicles for GSH-Responsive Intracellular Drug Release. <i>Bioconjugate Chemistry</i> , 2015, 26, 1900-1907.	3.6	54
113	PEO-PPG-PEO micelles as effective rAAV-mediated gene delivery systems to target human mesenchymal stem cells without altering their differentiation potency. <i>Acta Biomaterialia</i> , 2015, 27, 42-52.	8.3	50
114	Bone critical defect repair with poloxamine-cyclodextrin supramolecular gels. <i>International Journal of Pharmaceutics</i> , 2015, 495, 463-473.	5.2	25
115	NaCl-triggered self-assembly of hydrophilic poloxamine block copolymers. <i>International Journal of Pharmaceutics</i> , 2015, 494, 453-462.	5.2	31
116	Radiation-grafting of acrylamide onto silicone rubber films for diclofenac delivery. <i>Radiation Physics and Chemistry</i> , 2015, 107, 164-170.	2.8	18
117	Random and aligned PLLA : PRGF electrospun scaffolds for regenerative medicine. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	14
118	Fast and Mild Strategy, Using Superhydrophobic Surfaces, to Produce Collagen/Platelet Lysate Gel Beads for Skin Regeneration. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 161-179.	5.6	28
119	Polymeric micelles for oral drug administration enabling locoregional and systemic treatments. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 297-318.	5.0	90
120	Binary Graft Modification of Polypropylene for Anti-inflammatory Drug-Device Combo Products. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1269-1277.	3.3	18
121	Temperature-responsiveness and biocompatibility of DEGMA/OEGMA radiation-grafted onto PP and LDPE films. <i>Radiation Physics and Chemistry</i> , 2014, 99, 53-61.	2.8	10
122	Biodegradable electrospun nanofibers coated with platelet-rich plasma for cell adhesion and proliferation. <i>Materials Science and Engineering C</i> , 2014, 40, 180-188.	7.3	86
123	Acrylic polymer-grafted polypropylene sutures for covalent immobilization or reversible adsorption of vancomycin. <i>International Journal of Pharmaceutics</i> , 2014, 461, 286-295.	5.2	44
124	Supramolecular gels of poly- $\beta$ -cyclodextrin and PEO-based copolymers for controlled drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 579-588.	4.3	35
125	Binding Affinity of Thermoresponsive Polyelectrolyte Hydrogels for Charged Amphiphilic Ligands. A DSC Approach. <i>Langmuir</i> , 2014, 30, 4165-4171.	3.5	12
126	Smart drug delivery systems: from fundamentals to the clinic. <i>Chemical Communications</i> , 2014, 50, 7743-7765.	4.1	329



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127	Silicone Rubber Modified with Methacrylic Acid to Host Antiseptic Drugs. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1240-1250.	3.6	17
128	Temperature- and pH-sensitive IPNs grafted onto polyurethane by gamma radiation for antimicrobial drug-eluting insertable devices. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	12
129	Targeted Combinatorial Therapy Using Gold Nanostars as Theranostic Platforms. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26313-26323.	3.1	42
130	Stimuli-Sensitive Nanostructured Systems for Biomedical Applications. <i>Frontiers in Nanobiomedical Research</i> , 2014, , 309-348.	0.1	3
131	Free and copolymerized $\beta$ -cyclodextrins regulate the performance of dexamethasone-loaded dextran microspheres for bone regeneration. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4943-4956.	5.8	30
132	Bioinspired superamphiphobic surfaces as a tool for polymer- and solvent-independent preparation of drug-loaded spherical particles. <i>Acta Biomaterialia</i> , 2014, 10, 4314-4322.	8.3	25
133	Materials with Fungi-Bioinspired Surface for Efficient Binding and Fungi-Sensitive Release of Antifungal Agents. <i>Biomacromolecules</i> , 2014, 15, 1860-1870.	5.4	20
134	Wound debridement and antibiofilm properties of gamma-ray DMAEMA-grafted onto cotton gauzes. <i>Cellulose</i> , 2014, 21, 3767-3779.	4.9	15
135	Spermidine Cross-Linked Hydrogels as a Controlled Release Biomimetic Approach for Cloxacillin. <i>Molecular Pharmaceutics</i> , 2014, 11, 2358-2371.	4.6	12
136	Bone Regeneration Induced by an $\text{In Situ}$ Gel-Forming Poloxamine, Bone Morphogenetic Protein-2 System. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 959-969.	1.1	19
137	Syringeable Self-Assembled Cyclodextrin Gels for Drug Delivery. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 494-509.	2.1	27
138	Antiseptic cyclodextrin-functionalized hydrogels and gauzes for loading and delivery of benzalkonium chloride. <i>Biofouling</i> , 2013, 29, 261-271.	2.2	30
139	Pectin-coated chitosan microgels crosslinked on superhydrophobic surfaces for 5-fluorouracil encapsulation. <i>Carbohydrate Polymers</i> , 2013, 98, 331-340.	10.2	51
140	Dexamethasone eye drops containing $\beta$ -cyclodextrin-based nanogels. <i>International Journal of Pharmaceutics</i> , 2013, 441, 507-515.	5.2	58
141	Poloxamine micellar solubilization of $\alpha$ -tocopherol for topical ocular treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 550-557.	5.0	35
142	Soft contact lenses for controlled ocular delivery: 50 years in the making. <i>Therapeutic Delivery</i> , 2013, 4, 1141-1161.	2.2	70
143	Poly(styrene oxide)-poly(ethylene oxide) block copolymers: From "classical" chemotherapeutic nanocarriers to active cell-response inducers. <i>Journal of Controlled Release</i> , 2013, 167, 68-75.	9.9	27
144	Molecularly Imprinted Hydrogels for Affinity-controlled and Stimuli-responsive Drug Delivery. <i>RSC Smart Materials</i> , 2013, , 228-260.	0.1	12

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145	Dexamethasone-loaded poly( $\epsilon$ -caprolactone)/silica nanoparticles composites prepared by supercritical CO <sub>2</sub> foaming/mixing and deposition. <i>International Journal of Pharmaceutics</i> , 2013, 456, 269-281.	5.2	53
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