

Abraham Domb

List of Publications by Year in descending order

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446
papers

25,411
citations

9254

74
h-index

10724

138
g-index

487
all docs

487
docs citations

487
times ranked

23798
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan Chemistry and Pharmaceutical Perspectives. <i>Chemical Reviews</i> , 2004, 104, 6017-6084.	23.0	2,505
2	Disorder-to-Order Phase Transition and Multiple Melting Behavior of Poly(lactide) Investigated by Simultaneous Measurements of WAXD and DSC. <i>Macromolecules</i> , 2008, 41, 1352-1357.	2.2	737
3	The controlled intravenous delivery of drugs using PEG-coated sterically stabilized nanospheres. <i>Advanced Drug Delivery Reviews</i> , 1995, 16, 215-233.	6.6	717
4	Selective cell transplantation using bioabsorbable artificial polymers as matrices. <i>Journal of Pediatric Surgery</i> , 1988, 23, 3-9.	0.8	562
5	Mechanism of the Stereocomplex Formation between Enantiomeric Poly(lactide)s. <i>Macromolecules</i> , 1996, 29, 191-197.	2.2	498
6	Biocompatibility and safety of PLA and its copolymers. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 153-162.	6.6	412
7	Antibacterial activity of dental composites containing quaternary ammonium polyethylenimine nanoparticles against <i>Streptococcus mutans</i> . <i>Biomaterials</i> , 2006, 27, 3995-4002.	5.7	409
8	Polymer carriers for drug delivery in tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 187-206.	6.6	400
9	Polyanhydrides: an overview. <i>Advanced Drug Delivery Reviews</i> , 2002, 54, 889-910.	6.6	372
10	Antimicrobial Polymers. <i>Advanced Healthcare Materials</i> , 2014, 3, 1969-1985.	3.9	344
11	Biodegradable block copolymers. <i>Advanced Drug Delivery Reviews</i> , 2001, 53, 23-44.	6.6	273
12	Biopolymer stereocomplexes. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 549-583.	6.6	264
13	PEG-coated nanospheres from amphiphilic diblock and multiblock copolymers: Investigation of their drug encapsulation and release characteristics. <i>Journal of Controlled Release</i> , 1997, 46, 223-231.	4.8	255
14	Synthesis of indazole motifs and their medicinal importance: An overview. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 707-731.	2.6	254
15	Mutant KRAS is a druggable target for pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20723-20728.	3.3	252
16	RNAi therapy targeting KRAS in combination with chemotherapy for locally advanced pancreatic cancer patients. <i>Oncotarget</i> , 2015, 6, 24560-24570.	0.8	244
17	Biodegradable polymers—an overview. <i>Polymers for Advanced Technologies</i> , 2014, 25, 427-435.	1.6	237
18	An in vitro quantitative antibacterial analysis of amalgam and composite resins. <i>Journal of Dentistry</i> , 2007, 35, 201-206.	1.7	229

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19	Investigation of Phase Transitional Behavior of Poly(L-lactide)/Poly(D-lactide) Blend Used to Prepare the Highly-Oriented Stereocomplex. <i>Macromolecules</i> , 2007, 40, 1049-1054.	2.2	217
20	Polyanhydrides. I. Preparation of high molecular weight polyanhydrides. <i>Journal of Polymer Science Part A</i> , 1987, 25, 3373-3386.	2.5	210
21	Surface antimicrobial activity and biocompatibility of incorporated polyethylenimine nanoparticles. <i>Biomaterials</i> , 2008, 29, 4157-4163.	5.7	196
22	Nanotechnology for biomaterials engineering: structural characterization of amphiphilic polymeric nanoparticles by 1H NMR spectroscopy. <i>Biomaterials</i> , 1997, 18, 27-30.	5.7	192
23	Polymers for DNA Delivery. <i>Molecules</i> , 2005, 10, 34-64.	1.7	178
24	Iontophoresis: A non-invasive ocular drug delivery. <i>Journal of Controlled Release</i> , 2006, 110, 479-489.	4.8	175
25	Polysaccharide-Based Conjugates for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2015, 26, 1396-1412.	1.8	169
26	Polysaccharide-Oligoamine Based Conjugates for Gene Delivery. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1817-1824.	2.9	166
27	Polyethyleneimine nanoparticles incorporated into resin composite cause cell death and trigger biofilm stress in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22038-22043.	3.3	165
28	Dextran-spermine polycation: an efficient nonviral vector for in vitro and in vivo gene transfection. <i>Gene Therapy</i> , 2004, 11, 194-203.	2.3	163
29	Role of polyanhydrides as localized drug carriers. <i>Journal of Controlled Release</i> , 2005, 103, 541-563.	4.8	158
30	Drug eluting stents: Developments and current status. <i>Journal of Controlled Release</i> , 2012, 161, 703-712.	4.8	156
31	Polyanhydride microspheres as drug carriers. II. Microencapsulation by solvent removal. <i>Journal of Applied Polymer Science</i> , 1988, 35, 755-774.	1.3	149
32	The controlled intravenous delivery of drugs using PEG-coated sterically stabilized nanospheres. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 316-326.	6.6	144
33	Lipoplex-induced hemagglutination: potential involvement in intravenous gene delivery. <i>Gene Therapy</i> , 2002, 9, 850-858.	2.3	141
34	Confirmation of Disorder Form of Poly(L-lactic acid) by the X-ray Fiber Pattern and Polarized IR/Raman Spectra Measured for Uniaxially-Oriented Samples. <i>Macromolecular Symposia</i> , 2006, 242, 274-278.	0.4	135
35	<i>Streptococcus mutans</i> biofilm changes surface-topography of resin composites. <i>Dental Materials</i> , 2008, 24, 732-736.	1.6	134
36	New Techniques for Drug Delivery to the Posterior Eye Segment. <i>Pharmaceutical Research</i> , 2010, 27, 530-543.	1.7	134

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37	Poly(lactic acid) based hydrogels. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 192-205.	6.6	128
38	Castor Oil-Based Biodegradable Polyesters. <i>Biomacromolecules</i> , 2015, 16, 2572-2587.	2.6	124
39	Ricinoleic acid-based biopolymers. , 1999, 45, 258-267.		122
40	Injectable formulations of poly(lactic acid) and its copolymers in clinical use. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 213-227.	6.6	122
41	Arabinogalactan~Folic Acid~Drug Conjugate for Targeted Delivery and Target-Activated Release of Anticancer Drugs to Folate Receptor-Overexpressing Cells. <i>Biomacromolecules</i> , 2010, 11, 294-303.	2.6	120
42	Nanotechnology for water purification: applications of nanotechnology methods in wastewater treatment. , 2017, , 33-74.		119
43	Biocompatibility of a Biodegradable, Controlled-Release Polymer in the Rabbit Brain. <i>Selective Cancer Therapeutics</i> , 1989, 5, 55-65.	0.5	118
44	Self-nano-emulsifying drug delivery systems: an update of the biopharmaceutical aspects. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1121-1133.	2.4	116
45	Combination of 3D tissue engineered scaffold and non-viral gene carrier enhance in vitro DNA expression of mesenchymal stem cells. <i>Biomaterials</i> , 2006, 27, 4269-4278.	5.7	111
46	PLLA Mesophase and Its Phase Transition Behavior in the PLLA~PEG~PLLA Copolymer As Revealed by Infrared Spectroscopy. <i>Macromolecules</i> , 2010, 43, 4240-4246.	2.2	111
47	Bioerodible polyanhydrides for antibiotic drug delivery: In vivo osteomyelitis treatment in a rat model system. <i>Journal of Orthopaedic Research</i> , 1993, 11, 256-262.	1.2	109
48	Antibacterial effect of composite resins containing quaternary ammonium polyethyleneimine nanoparticles. <i>Journal of Nanoparticle Research</i> , 2010, 12, 591-603.	0.8	109
49	Co-delivery of rapamycin- and piperine-loaded polymeric nanoparticles for breast cancer treatment. <i>Drug Delivery</i> , 2016, 23, 2608-2616.	2.5	108
50	Overview on natural hydrophilic polysaccharide polymers in drug delivery. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2564-2573.	1.6	107
51	Cationic Polysaccharides for Gene Delivery. <i>Macromolecules</i> , 2002, 35, 9947-9953.	2.2	105
52	Polysaccharide gene transfection agents. <i>Acta Biomaterialia</i> , 2012, 8, 4224-4232.	4.1	105
53	Absorbable biopolymers derived from dimer fatty acids. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1275-1285.	2.5	103
54	Delivery of Gentamicin to the Rabbit Eye by Drug-Loaded Hydrogel Iontophoresis. , 2004, 45, 2543.		102

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55	Tacrolimus and curcumin co-loaded liposphere gel: Synergistic combination towards management of psoriasis. <i>Journal of Controlled Release</i> , 2016, 243, 132-145.	4.8	98
56	Hydrophobized dextran-spermine conjugate as potential vector for in vitro gene transfection. <i>Journal of Controlled Release</i> , 2004, 96, 309-323.	4.8	95
57	Interstitial delivery of carboplatin via biodegradable Polymers is effective against experimental glioma in the rat. <i>Cancer Chemotherapy and Pharmacology</i> , 1996, 39, 90-96.	1.1	94
58	Gentamicin extended release from an injectable polymeric implant. <i>Journal of Controlled Release</i> , 2007, 117, 90-96.	4.8	94
59	Poly(anhydrides). 3. Poly(anhydrides) based on aliphatic-aromatic diacids. <i>Macromolecules</i> , 1989, 22, 3200-3204.	2.2	93
60	Poly(ester anhydride)s prepared by the insertion of ricinoleic acid into poly(sebacic acid). <i>Journal of Polymer Science Part A</i> , 2003, 41, 1059-1069.	2.5	93
61	Surface Analysis of Biodegradable Polymer Blends of Poly(sebacic anhydride) and Poly(DL-lactic acid). <i>Macromolecules</i> , 1996, 29, 2205-2212.	2.2	92
62	A Novel Injectable Water-Soluble Amphotericin B-Arabinogalactan Conjugate. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 1975-1981.	1.4	92
63	Biodegradable Injectable In Situ Depot-Forming Drug Delivery Systems. <i>Macromolecular Bioscience</i> , 2006, 6, 977-990.	2.1	92
64	Current Developments in Gene Transfection Agents. <i>Current Drug Delivery</i> , 2004, 1, 165-193.	0.8	92
65	Biodegradable polymers for targeted delivery of anti-cancer drugs. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 891-909.	2.4	91
66	Surface Characterization and Biocompatibility of Restorative Resin Containing Nanoparticles. <i>Biomacromolecules</i> , 2008, 9, 3044-3050.	2.6	89
67	Noninvasive in Vivo Monitoring of Drug Release and Polymer Erosion from Biodegradable Polymers by EPR Spectroscopy and NMR Imaging. <i>Journal of Pharmaceutical Sciences</i> , 1997, 86, 126-134.	1.6	87
68	Impact of Aldehyde Content on Amphotericin B-Dextran Imine Conjugate Toxicity. <i>Biomacromolecules</i> , 2006, 7, 1529-1535.	2.6	85
69	Synthesis and characterization of novel water soluble amphotericin B-arabinogalactan conjugates. <i>Biomaterials</i> , 2002, 23, 1327-1335.	5.7	84
70	Improved Oral Bioavailability of BCS Class 2 Compounds by Self Nano-Emulsifying Drug Delivery Systems (SNEDDS): The Underlying Mechanisms for Amiodarone and Talinolol. <i>Pharmaceutical Research</i> , 2013, 30, 3029-3044.	1.7	82
71	Ectopic induction of cartilage and bone by water-soluble proteins from bovine bone using a polyanhydride delivery vehicle. <i>Journal of Biomedical Materials Research Part B</i> , 1990, 24, 901-911.	3.0	81
72	Effectiveness of controlled release of a cyclophosphamide derivative with polymers against rat gliomas. <i>Journal of Neurosurgery</i> , 1995, 82, 481-486.	0.9	81

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73	Poly(anhydride) administration in high doses in vivo: Studies of biocompatibility and toxicology. <i>Journal of Biomedical Materials Research Part B</i> , 1990, 24, 1463-1481.	3.0	80
74	Erosion of a new family of biodegradable polyanhydrides. <i>Journal of Biomedical Materials Research Part B</i> , 1994, 28, 1465-1475.	3.0	79
75	Preparation and Characterization of n-Alkanoic Acid Self-Assembled Monolayers Adsorbed on 316L Stainless Steel. <i>Langmuir</i> , 2004, 20, 7499-7506.	1.6	79
76	Bioactive acetylenic metabolites. <i>Phytomedicine</i> , 2013, 20, 1145-1159.	2.3	79
77	Poly(sebacic acid-co-ricinoleic acid) biodegradable carrier for paclitaxel: In vitro release and in vivo toxicity. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 69A, 47-54.	3.0	78
78	Chemical and Morphological Analysis of Surface Enrichment in a Biodegradable Polymer Blend by Phase-Detection Imaging Atomic Force Microscopy. <i>Macromolecules</i> , 1998, 31, 2278-2283.	2.2	77
79	Lipospheres and pro-nano lipospheres for delivery of poorly water soluble compounds. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 438-453.	1.5	77
80	Piperine-pro-nanolipospheres as a novel oral delivery system of cannabinoids: Pharmacokinetic evaluation in healthy volunteers in comparison to buccal spray administration. <i>Journal of Controlled Release</i> , 2017, 266, 1-7.	4.8	77
81	Nanomaterials for regenerative medicine. <i>Nanomedicine</i> , 2011, 6, 157-181.	1.7	76
82	Attenuation of Kindled Seizures by Intranasal Delivery of Neuropeptide-Loaded Nanoparticles. <i>Neurotherapeutics</i> , 2009, 6, 359-371.	2.1	75
83	The effect of Pro NanoLipospheres (PNL) formulation containing natural absorption enhancers on the oral bioavailability of delta-9-tetrahydrocannabinol (THC) and cannabidiol (CBD) in a rat model. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 21-30.	1.9	75
84	Biodegradable bone cement compositions based on acrylate and epoxide terminated poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.9	74
85	Stereocomplexes of Enantiomeric Lactic Acid and Sebacic Acid Ester Anhydride Triblock Copolymers. <i>Biomacromolecules</i> , 2002, 3, 754-760.	2.6	74
86	Cyclosporin Nanoparticulate Lipospheres for Oral Administration. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 1264-1270.	1.6	74
87	Polyanhydrides. IV. Unsaturated and crosslinked polyanhydrides. <i>Journal of Polymer Science Part A</i> , 1991, 29, 571-579.	2.5	73
88	Novel dextran-spermine conjugates as transfecting agents: comparing water-soluble and micellar polymers. <i>Gene Therapy</i> , 2005, 12, 494-503.	2.3	73
89	Macrolactones and Polyesters from Ricinoleic Acid. <i>Biomacromolecules</i> , 2005, 6, 1679-1688.	2.6	72
90	Charged nanoparticles delivery to the eye using hydrogel iontophoresis. <i>Journal of Controlled Release</i> , 2008, 126, 156-161.	4.8	72

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91	Transcorneal and transscleral iontophoresis of dexamethasone phosphate using drug loaded hydrogel. <i>Journal of Controlled Release</i> , 2005, 106, 386-390.	4.8	71
92	Lactic Acid and Ricinoleic Acid Based Copolyesters. <i>Macromolecules</i> , 2005, 38, 5545-5553.	2.2	71
93	Long acting local anesthetic—polymer formulation to prolong the effect of analgesia. <i>Journal of Controlled Release</i> , 2007, 117, 97-103.	4.8	70
94	PTL401, a New Formulation Based on Pro-Nano Dispersion Technology, Improves Oral Cannabinoids Bioavailability in Healthy Volunteers. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1423-1429.	1.6	70
95	Poly(N-acryl amino acids): A New Class of Biologically Active Polyanions. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2591-2600.	2.9	69
96	Poly(sebacic acid-co-ricinoleic acid) Biodegradable Injectable in Situ Gelling Polymer. <i>Biomacromolecules</i> , 2006, 7, 288-296.	2.6	69
97	Antibacterial dental resin composites. <i>Reactive and Functional Polymers</i> , 2014, 75, 81-88.	2.0	69
98	Quaternary Ammonium Polyethyleneimine: Antibacterial Activity. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-11.	1.5	68
99	Fatty Acid Based Biodegradable Polymer. <i>Polymer Reviews</i> , 2008, 48, 156-191.	5.3	67
100	Polyanhydrides: Synthesis and characterization. <i>Advances in Polymer Science</i> , 1993, , 93-141.	0.4	64
101	Recent Advances in Polyanhydride Based Biomaterials. <i>Advanced Materials</i> , 2018, 30, e1706815.	11.1	64
102	Biodegradable wafers releasing Temozolomide and Carmustine for the treatment of brain cancer. <i>Journal of Controlled Release</i> , 2019, 295, 93-101.	4.8	64
103	Solid-state and solution stability of poly(anhydrides) and poly(esters). <i>Macromolecules</i> , 1989, 22, 2117-2122.	2.2	62
104	Exploiting EPR in Polymer Drug Conjugate Delivery for Tumor Targeting. <i>Current Pharmaceutical Design</i> , 2006, 12, 4785-4796.	0.9	62
105	The effect of medium chain and long chain triglycerides incorporated in self-nano emulsifying drug delivery systems on oral absorption of cannabinoids in rats. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119201.	2.6	62
106	In vivo and in vitro elimination of aliphatic polyanhydrides. <i>Biomaterials</i> , 1995, 16, 319-323.	5.7	60
107	Poly(anhydrides). 2. One-step polymerization using phosgene or diphosgene as coupling agents. <i>Macromolecules</i> , 1988, 21, 1925-1929.	2.2	58
108	Degradable polymer blends. I. Screening of miscible polymers. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1973-1981.	2.5	58

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109	Functional polymeric nerve guidance conduits and drug delivery strategies for peripheral nerve repair and regeneration. <i>Journal of Controlled Release</i> , 2020, 317, 78-95.	4.8	58
110	The synthesis of poly(hydroxamic acid) from poly(acrylamide). <i>Journal of Polymer Science Part A</i> , 1988, 26, 2623-2630.	2.5	57
111	Long acting injectable oxytetracycline-liposphere formulations. <i>International Journal of Pharmaceutics</i> , 1995, 124, 271-278.	2.6	56
112	Protein and peptide parenteral controlled delivery. <i>Expert Opinion on Biological Therapy</i> , 2004, 4, 1203-1212.	1.4	56
113	Biodegradable Polymers Derived From Amino Acids. <i>Macromolecular Bioscience</i> , 2011, 11, 1625-1636.	2.1	56
114	Toxicity Mechanisms of Amphotericin B and Its Neutralization by Conjugation with Arabinogalactan. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5603-5611.	1.4	56
115	A contemporary review on " polymer stereocomplexes and its biomedical application. <i>European Journal of Nanomedicine</i> , 2013, 5, .	0.6	56
116	NMR characterization of erodible copolymers. <i>Macromolecules</i> , 1991, 24, 2278-2282.	2.2	55
117	Synthesis and characterization of biodegradable aromatic anhydride copolymers. <i>Macromolecules</i> , 1992, 25, 12-17.	2.2	54
118	Liposphere local anesthetic timed-release for perineural site application. , 1998, 15, 1038-1045.		54
119	Efficacious Treatment of Experimental Leishmaniasis with Amphotericin B-Arabinogalactan Water-Soluble Derivatives. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2209-2214.	1.4	54
120	Preclinical Safety Evaluation in Rats of a Polymeric Matrix Containing an siRNA Drug Used as a Local and Prolonged Delivery System for Pancreatic Cancer Therapy. <i>Toxicologic Pathology</i> , 2016, 44, 856-865.	0.9	54
121	Biodegradable polymers derived from natural fatty acids. <i>Journal of Polymer Science Part A</i> , 1995, 33, 717-725.	2.5	53
122	Fatty acid terminated polyanhydrides. , 1999, 37, 3337-3344.		53
123	Characterization and in vivo performance of dextran"spermine polyplexes and DOTAP/cholesterol lipoplexes administered locally and systemically. <i>Biomaterials</i> , 2007, 28, 2339-2349.	5.7	53
124	Review of prolonged local anesthetic action. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 737-752.	2.4	53
125	Preparation and characterization of carmustine loaded polyanhydride wafers for treating brain tumors. <i>Pharmaceutical Research</i> , 1999, 16, 762-765.	1.7	52
126	Stereocomplexes based on poly(lactic acid) and insulin: formulation and release studies. <i>Biomaterials</i> , 2002, 23, 4389-4396.	5.7	52

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127	Cationic polysaccharides for gene delivery. <i>Materials Science and Engineering C</i> , 2007, 27, 595-598.	3.8	52
128	Poly(lactic acid)-based nanocomposites. <i>Polymers for Advanced Technologies</i> , 2017, 28, 919-930.	1.6	52
129	Nonlinear Fatty Acid Terminated Polyanhydrides. <i>Biomacromolecules</i> , 2001, 2, 37-44.	2.6	50
130	Polymers in gene therapy technology. <i>Polymers for Advanced Technologies</i> , 2015, 26, 198-211.	1.6	50
131	PEG-PLA Block Copolymer as Potential Drug Carrier: Preparation and Characterization. <i>Macromolecular Bioscience</i> , 2006, 6, 1019-1025.	2.1	49
132	Brain biocompatibility of a biodegradable controlled release polymer consisting of anhydride copolymer of fatty acid dimer and sebacic acid. <i>Journal of Controlled Release</i> , 1992, 19, 325-329.	4.8	48
133	In vitro/in vivo comparison of drug release and polymer erosion from biodegradable P(FAD-SA) polyanhydrides—a noninvasive approach by the combined use of electron paramagnetic resonance spectroscopy and nuclear magnetic resonance imaging. <i>Pharmaceutical Research</i> , 1997, 14, 820-826.	1.7	48
134	Culturing neuronal cells on surfaces coated by a novel polyethyleneimine-based polymer. <i>Brain Research Protocols</i> , 2000, 5, 282-289.	1.7	48
135	Implantable Medical Devices. <i>Advances in Delivery Science and Technology</i> , 2014, , 33-59.	0.4	48
136	Perivascular delivery of heparin for the reduction of smooth muscle cell proliferation after endothelial injury. <i>Journal of Controlled Release</i> , 1999, 60, 129-142.	4.8	47
137	Nanoencapsulation of a crystalline drug. <i>International Journal of Pharmaceutics</i> , 2005, 298, 323-327.	2.6	47
138	Quaternary Ammonium Polysaccharides for Gene Delivery. <i>Bioconjugate Chemistry</i> , 2005, 16, 1196-1203.	1.8	47
139	Poly(methyl methacrylate) Grafting onto Stainless Steel Surfaces: Application to Drug-Eluting Stents. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2519-2528.	4.0	47
140	Non-destructive and localized assessment of acidic microenvironments inside biodegradable polyanhydrides by spectral spatial electron paramagnetic resonance imaging. <i>Polymer</i> , 1997, 38, 4785-4794.	1.8	46
141	Reduction in dermal fibrosis in the tight-skin (Tsk) mouse after local application of halofuginone. <i>Biochemical Pharmacology</i> , 2001, 62, 1221-1227.	2.0	46
142	Biodegradable Polyesters Derived from Amino Acids. <i>Macromolecules</i> , 2009, 42, 4520-4530.	2.2	46
143	Effect of PLGA block molecular weight on gelling temperature of PLGA-PEG-PLGA thermoresponsive copolymers. <i>Journal of Polymer Science Part A</i> , 2019, 57, 35-39.	2.5	46
144	Metabolic disposition and elimination studies of a radiolabelled biodegradable polymeric implant in the rat brain. <i>Biomaterials</i> , 1994, 15, 681-688.	5.7	45

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145	Excretion of a radiolabelled anticancer biodegradable polymeric implant from the rabbit brain. <i>Biomaterials</i> , 1995, 16, 1069-1072.	5.7	45
146	Prolonged seizure suppression by a single implantable polymeric-TRH microdisk preparation. <i>Brain Research</i> , 1998, 809, 189-197.	1.1	45
147	In Situ Atomic Force Microscopy Visualization of the Degradation of Melt-Crystallized Poly(sebacic) Tj ETQq1 1 0.784314 rgBT /Overlo	2.2	44
148	Stereocomplexes of A [~] B [~] A Triblock Copolymers Based on Poly(L-Lactide) and Poly(D-Lactide) A Blocks. <i>Macromolecules</i> , 2005, 38, 7018-7025.	2.2	44
149	New Formulations and Derivatives of Amphotericin B for Treatment of Leishmaniasis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 153-162.	1.1	44
150	Evaluation of drug-eluting stents' coating durability Clinical and regulatory implications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 441-451.	1.6	44
151	Biodegradable inflatable balloon for reducing radiation adverse effects in prostate cancer. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 855-867.	1.6	44
152	Development of 3D in vitro platform technology to engineer mesenchymal stem cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 3035.	3.3	44
153	Anti-biofilm properties of wound dressing incorporating nonrelease polycationic antimicrobials. <i>Biomaterials</i> , 2015, 46, 141-148.	5.7	44
154	Long-term Local and Systemic Safety of Poly(L-lactide-co-epsilon-caprolactone) after Subcutaneous and Intra-articular Implantation in Rats. <i>Toxicologic Pathology</i> , 2015, 43, 1127-1140.	0.9	44
155	Mucoadhesive Polymers for Delivery of Drugs to the Oral Cavity. <i>Recent Patents on Drug Delivery and Formulation</i> , 2008, 2, 108-119.	2.1	44
156	Conjugation of amino-containing drugs to polysaccharides by tosylation: amphotericin B- α -arabinogalactan conjugates. <i>Biomaterials</i> , 2004, 25, 3049-3057.	5.7	43
157	Preparation of New β -Hydroxy Acids Derived from Amino Acids and Their Corresponding Polyesters. <i>Macromolecules</i> , 2008, 41, 7259-7263.	2.2	43
158	In situ Atomic Force Microscopy Imaging of Polymer Degradation in an Aqueous Environment. <i>Langmuir</i> , 1994, 10, 4417-4419.	1.6	42
159	Iontophoresis-gentamicin delivery into the rabbit cornea, using a hydrogel delivery probe. <i>Experimental Eye Research</i> , 2004, 78, 745-749.	1.2	42
160	Biodegradable polymers derived from amino acids. <i>Biomaterials</i> , 1990, 11, 686-689.	5.7	41
161	Relationships between chemical composition, physical properties and transfection efficiency of polysaccharide-spermine conjugates. <i>Biomaterials</i> , 2006, 27, 1646-1655.	5.7	41
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