

Poly Lactic-co-Glycolic Acid (PLGA) as Biodegradable Co

Polymers

3, 1377-1397

DOI: [10.3390/polym3031377](https://doi.org/10.3390/polym3031377)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Indocyanine-green-loaded microballoons for biliary imaging in cholecystectomy. <i>Journal of Biomedical Optics</i> , 2012, 17, 116025.	1.4	25
2	Biodegradable Nanoparticles Surface Modification Techniques With cIBR Peptide Targeting to LFA-1 Expressing Leukemic Cells. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2012, 3, .	0.8	0
3	Development of novel cationic chitosan- and anionic alginate–coated poly(D,L-lactide-co-glycolide) nanoparticles for controlled release and light protection of resveratrol. <i>International Journal of Nanomedicine</i> , 2012, 7, 5501.	3.3	118
4	Tuning glycolide as an SEI-forming additive for thermally robust Li-ion batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 21003.	6.7	40
5	Metal-Free Strategies for the Synthesis of Functional and Well-Defined Polyphosphoesters. <i>Macromolecules</i> , 2012, 45, 4476-4486.	2.2	121
6	Encapsulation of Alpha-1 antitrypsin in PLGA nanoparticles: In Vitro characterization as an effective aerosol formulation in pulmonary diseases. <i>Journal of Nanobiotechnology</i> , 2012, 10, 20.	4.2	87
7	A nanoparticle depot formulation of 4-(<i>N</i>)-stearoyl gemcitabine shows a strong anti-tumour activity. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 65, 236-242.	1.2	18
8	Biodegradable PLGA85/15 nanoparticles as a delivery vehicle for <i>Chlamydia trachomatis</i> recombinant MOMP-187 peptide. <i>Nanotechnology</i> , 2012, 23, 325101.	1.3	45
9	Biomaterial development for oral and maxillofacial bone regeneration. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2012, 38, 264.	0.3	11
10	Structural and thermal properties of spray-dried methotrexate-loaded biodegradable microparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 555-565.	2.0	26
11	Multifactorial design of poly(<i>d,l</i> -lactid-co-glycolic acid) capsules with various release properties for differently sized filling agents. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4219-4228.	1.3	0
12	Biomimetic mucin modified PLGA nanoparticles for enhanced blood compatibility. <i>Journal of Colloid and Interface Science</i> , 2013, 409, 237-244.	5.0	33
13	Long-circulating poly(ethylene glycol)-coated poly(lactid-co-glycolid) microcapsules as potential carriers for intravenously administered drugs. <i>Journal of Microencapsulation</i> , 2013, 30, 632-642.	1.2	19
14	PLGA microparticles with zero-order release of the labile anti-Parkinson drug apomorphine. <i>International Journal of Pharmaceutics</i> , 2013, 443, 68-79.	2.6	31
15	Preparation, Characterization, and Release of Amoxicillin from Electrospun Fibrous Wound Dressing Patches. <i>Pharmaceutical Research</i> , 2013, 30, 1926-1938.	1.7	64
16	Evaluation of the functionality of biodegradable polymeric platforms for drug delivery systems. <i>Applied Surface Science</i> , 2013, 281, 54-59.	3.1	3
17	Poly(lactide-co-glycolide)-rifampicin-nanoparticles efficiently clear <i>Mycobacterium bovis</i> BCG infection in macrophages and remain membrane-bound in phago-lysosomes. <i>Journal of Cell Science</i> , 2013, 126, 3043-54.	1.2	97
18	Electrospun polycaprolactone/polyglyconate blends: Miscibility, mechanical behavior, and degradation. <i>Polymer</i> , 2013, 54, 6824-6833.	1.8	28

#	ARTICLE	IF	CITATIONS
19	Study of antimicrobial activity of anethole and carvone loaded PLGA nanoparticles. Journal of Pharmacy Research, 2013, 7, 290-295.	0.4	45
20	Preparation, characterization and optimization of sildenafil citrate loaded PLGA nanoparticles by statistical factorial design. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 68.	0.9	45
22	Celecoxib-loaded PLGA/cyclodextrin microspheres: Characterization and evaluation of anti-inflammatory activity on human chondrocyte cultures. Colloids and Surfaces B: Biointerfaces, 2013, 111, 289-296.	2.5	28
23	Programmable hydrogels for the controlled release of therapeutic nucleic acid aptamers via reversible DNA hybridization. Chemical Communications, 2013, 49, 9600.	2.2	9
24	An overview of preparation and evaluation sustained-release injectable microspheres. Journal of Microencapsulation, 2013, 30, 369-382.	1.2	27
25	Naturally and synthetic smart composite biomaterials for tissue regeneration. Advanced Drug Delivery Reviews, 2013, 65, 471-496.	6.6	308
26	Coordination of α -hydroxycarboxylic acids with first-row transition ions. Coordination Chemistry Reviews, 2013, 257, 2639-2651.	9.5	35
27	Preparation of multicompartiment sub-micron particles using a triple-needle electrohydrodynamic device. Journal of Colloid and Interface Science, 2013, 409, 245-254.	5.0	32
28	The effect of lauryl capping group on protein release and degradation of poly(d,l-lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.8	95
29	Microcapsule flow behaviour in porous media. Chemical Engineering Science, 2013, 102, 309-314.	1.9	12
30	Application of time-resolved fluorescence for direct and continuous probing of release from polymeric delivery vehicles. Journal of Controlled Release, 2013, 171, 308-314.	4.8	14
31	Poly(d,l)-lactide-co-glycolide (PLGA) microspheres as immunoadjuvant for Brugia malayi antigens. Vaccine, 2013, 31, 4183-4191.	1.7	7
32	High glycolic poly (DL lactic co glycolic acid) nanoparticles for controlled release of meropenem. Biomedicine and Pharmacotherapy, 2013, 67, 431-436.	2.5	28
33	Aspirin ϵ TMZ ϵ coloaded Microspheres Exert Synergistic Antiglioma Efficacy via Inhibition of β ϵ atenin Transactivation. CNS Neuroscience and Therapeutics, 2013, 19, 98-108.	1.9	24
34	One-step fabrication of core ϵ shell structured alginate ϵ PLGA/PLLA microparticles as a novel drug delivery system for water soluble drugs. Biomaterials Science, 2013, 1, 486.	2.6	48
35	Antimicrobial medical sutures with caffeic acid phenethyl ester and their in vitro/in vivo biological assessment. MedChemComm, 2013, 4, 777.	3.5	21
36	Preparation and characterization of electrospun PLGA/gelatin nanofibers as a drug delivery system by emulsion electrospinning. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 972-985.	1.9	67
37	Development and Evaluation of a Novel Topical Treatment for Acne with Azelaic Acid-Loaded Nanoparticles. Microscopy and Microanalysis, 2013, 19, 1141-1150.	0.2	40

#	ARTICLE	IF	CITATIONS
38	Collective Activation of MRI Agents via Encapsulation and Disease-Triggered Release. <i>Journal of the American Chemical Society</i> , 2013, 135, 7847-7850.	6.6	84
39	Development of Quinic Acid-Conjugated Nanoparticles as a Drug Carrier to Solid Tumors. <i>Biomacromolecules</i> , 2013, 14, 2389-2395.	2.6	23
40	Effect of Physicochemical Properties of Biodegradable Polymers on Nano Drug Delivery. <i>Polymer Reviews</i> , 2013, 53, 546-567.	5.3	34
41	Sustained Release of Matrix Metalloproteinase-3 to Trabecular Meshwork Cells Using Biodegradable PLGA Microparticles. <i>Molecular Pharmaceutics</i> , 2013, 10, 3023-3032.	2.3	10
42	Nanoparticles for Drug and Gene Delivery in Treating Diseases of the Eye. <i>Methods in Pharmacology and Toxicology</i> , 2013, , 291-316.	0.1	1
43	Dual Delivery of BMP-2 and bFGF from a New Nano-Composite Scaffold, Loaded with Vascular Stents for Large-Size Mandibular Defect Regeneration. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12714-12728.	1.8	71
44	Release of a Wound-Healing Agent from PLGA Microspheres in a Thermosensitive Gel. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	21
45	Preparation and Characterization of Poly (D,L-Lactide-co-Glycolide) (PLGA) Nanoparticles Loaded with Linamarin for Controlled Drug Release. <i>International Journal of Polymer Analysis and Characterization</i> , 2013, 18, 414-422.	0.9	5
46	Improved neural progenitor cell proliferation and differentiation on poly(lactide-co-glycolide) scaffolds coated with elastin-like polypeptide. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101, 1329-1339.	1.6	24
47	Development and in vivo efficacy of targeted polymeric inflammation-resolving nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6506-6511.	3.3	184
48	Formulations for Intranasal Delivery of Pharmacological Agents to Combat Brain Disease: A New Opportunity to Tackle GBM?. <i>Cancers</i> , 2013, 5, 1020-1048.	1.7	126
49	Nanoparticles and microparticles of polymers and polysaccharides to administer fish vaccines. <i>Biological Research</i> , 2013, 46, 407-419.	1.5	31
50	Heuristic modeling of macromolecule release from PLGA microspheres. <i>International Journal of Nanomedicine</i> , 2013, 8, 4601.	3.3	35
51	Novel intravaginal nanomedicine for the targeted delivery of saquinavir to CD4+ immune cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 2847.	3.3	25
52	A Single-Dose PLGA Encapsulated Protective Antigen Domain 4 Nanoformulation Protects Mice against <i>Bacillus anthracis</i> Spore Challenge. <i>PLoS ONE</i> , 2013, 8, e61885.	1.1	89
53	Increased healthy osteoblast to osteosarcoma density ratios on specific PLGA nanopatterns. <i>International Journal of Nanomedicine</i> , 2013, 8, 159.	3.3	10
54	Poly(lactic-co-glycolic) Acid-Controlled-Release Systems: Experimental and Modeling Insights. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2013, 30, 257-276.	1.2	279
55	Application of Nanotechnology in Drug Delivery. , 0, , .		14

#	ARTICLE	IF	CITATIONS
56	Polymeric Nanoparticles to Combat Squamous Cell Carcinomas in Patients with Dystrophic Epidermolysis Bullosa. <i>Recent Patents on Nanomedicine</i> , 2014, 4, 15-24.	0.5	4
57	Tissue inhibitor of matrix metalloproteinases-1 loaded poly(lactic-co-glycolic acid) nanoparticles for delivery across the blood–brain barrier. <i>International Journal of Nanomedicine</i> , 2014, 9, 575.	3.3	50
58	Neural Differentiation of Stem Cells in Biodegradable Three- Dimensional Scaffolds â€œ A Novel Strategy for Nerve Regeneration. , 2014, , .		0
59	Highly cited research articles in <i>Journal of Controlled Release</i> : Commentaries and perspectives by authors. <i>Journal of Controlled Release</i> , 2014, 190, 29-74.	4.8	394
60	A new formulation of curcumin using poly (lactic-co-glycolic acid)â€™polyethylene glycol diblock copolymer as carrier material. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2014, 5, 035013.	0.7	5
61	Retention of insulin-like growth factor I bioactivity during the fabrication of sintered polymeric scaffolds. <i>Biomedical Materials (Bristol)</i> , 2014, 9, 025015.	1.7	13
62	Cyclic Swelling as a Phenomenon Inherent to Biodegradable Polyesters. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3560-3566.	1.6	4
63	An Overview of Poly(lactic-co-glycolic) Acid (PLGA)-Based Biomaterials for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3640-3659.	1.8	1,158
64	Amphiphilic Î³-PGA nanoparticles administered on rat middle ear mucosa produce adjuvant-like immunostimulation <i>in vivo</i> . <i>Acta Oto-Laryngologica</i> , 2014, 134, 1034-1041.	0.3	8
65	Biocompatibility of Poly(ester amide) (PEA) Microfibrils in Ocular Tissues. <i>Polymers</i> , 2014, 6, 243-260.	2.0	20
66	Enhanced activity of doxorubicin in drug resistant A549 tumor cells by encapsulation of P-glycoprotein inhibitor in PLGA-based nanovectors. <i>Oncology Letters</i> , 2014, 7, 387-392.	0.8	20
67	Sustained Release of Lidocaine from Solvent-Free Biodegradable Poly[(d,l)-Lactide-co-Glycolide] (PLGA): In Vitro and In Vivo Study. <i>Materials</i> , 2014, 7, 6660-6676.	1.3	12
68	Poly (D,L-lactide-co-glycolide) nanoparticles: Uptake by epithelial cells and cytotoxicity. <i>EXPRESS Polymer Letters</i> , 2014, 8, 197-206.	1.1	13
69	Enhanced and adjustable adsorption of organo-functional groups on Li decorated carbon nanotubes: A first principle study. <i>Journal of Applied Physics</i> , 2014, 116, 084308.	1.1	4
70	Preparation of Multilayered Polymeric Structures Using a Novel Fourâ€œNeedle Coaxial Electrohydrodynamic Device. <i>Macromolecular Rapid Communications</i> , 2014, 35, 618-623.	2.0	70
71	Biomimetic threeâ€œdimensional anisotropic geometries by uniaxial stretching of poly(Î¼â€œaprolactone) films: Degradation and mesenchymal stem cell responses. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2197-2207.	2.1	21
73	Thermal property and assessment of biocompatibility of poly(lactic-co-glycolic) acid/graphene nanocomposites. <i>Journal of Applied Physics</i> , 2014, 115, 054701.	1.1	5
74	Development of Therapeutic Polymeric Nanoparticles for the Resolution of Inflammation. <i>Advanced Healthcare Materials</i> , 2014, 3, 1448-1456.	3.9	26

#	ARTICLE	IF	CITATIONS
75	NGF-loaded PLGA microparticles for advanced multifunctional regenerative electrodes. , 2014, 2014, 1993-5.		2
76	Covalent immobilization of bioactive poly(amidoamine)s onto plasma-functionalized PLGA surfaces. Materials Research Express, 2014, 1, 035001.	0.8	7
77	Sustained Release of 17 β -Estradiol Stimulates Osteogenic Differentiation of Adipose Tissue-Derived Mesenchymal Stem Cells on Chitosan-Hydroxyapatite Scaffolds. Cells Tissues Organs, 2014, 199, 37-50.	1.3	28
78	What Can Nanomedicine Learn from the Current Developments of Nanotechnology?. Nanostructure Science and Technology, 2014, , 321-340.	0.1	0
79	Nanomechanical properties of multi-block copolymer microspheres for drug delivery applications. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 34, 313-319.	1.5	9
80	Delivery of small molecules for bone regenerative engineering: preclinical studies and potential clinical applications. Drug Discovery Today, 2014, 19, 794-800.	3.2	128
81	Peleg and Weibull models for water absorption of copolymer gels crosslinked on polyethylene glycol dimethacrylates. Research on Chemical Intermediates, 2014, 40, 1327-1335.	1.3	4
82	Near-Infrared-Induced Heating of Confined Water in Polymeric Particles for Efficient Payload Release. ACS Nano, 2014, 8, 4815-4826.	7.3	75
83	Effects of process parameters on the colloidal properties of polycaprolactone microparticles prepared by double emulsion like process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 445, 79-91.	2.3	43
84	Development of methods for encapsulation of viruses into polymeric nano- and microparticles for aquaculture vaccines. Journal of Applied Polymer Science, 2014, 131, .	1.3	6
85	High-Performance Biodegradable/Transient Electronics on Biodegradable Polymers. Advanced Materials, 2014, 26, 3905-3911.	11.1	359
86	Nanoparticles containing insoluble drug for cancer therapy. Biotechnology Advances, 2014, 32, 778-788.	6.0	127
87	Polymeric coating of fluidizing nano-curcumin via anti-solvent supercritical method for sustained release. Journal of Supercritical Fluids, 2014, 89, 99-105.	1.6	35
88	Nanoprecipitation is more efficient than emulsion solvent evaporation method to encapsulate cucurbitacin I in PLGA nanoparticles. Saudi Pharmaceutical Journal, 2014, 22, 219-222.	1.2	88
89	Polylactic acid (PLA) biomedical foams for tissue engineering. , 2014, , 313-334.		32
90	Particle designs for the stabilization and controlled-delivery of protein drugs by biopolymers: A case study on insulin. Journal of Controlled Release, 2014, 186, 11-21.	4.8	54
91	Biomaterials for Nanoparticle Vaccine Delivery Systems. Pharmaceutical Research, 2014, 31, 2563-2582.	1.7	258
92	Elaboration of small-diameter vascular prostheses—Selection of appropriate sterilisation method. Journal of Applied Polymer Science, 2014, 131, .	1.3	7

#	ARTICLE	IF	CITATIONS
93	Ocular Pharmacology and Toxicology. Methods in Pharmacology and Toxicology, 2014, , .	0.1	7
94	Development and characterization of PLGA nanoparticles as delivery systems of a prodrug of zidovudine obtained by its conjugation with ursodeoxycholic acid. Drug Delivery, 2014, 21, 221-232.	2.5	17
95	Polyphenols Nano-Formulations for Topical Delivery and Skin Tissue Engineering. , 2014, , 839-848.		10
96	<i>N</i> -lauroyl chitosan surface-modified PLGA nanoparticles as carrier for adriamycin to overcome cancer drug resistance. Journal of Microencapsulation, 2014, 31, 203-210.	1.2	4
97	Design of PLGA Based Nanoparticles for Imaging Guided Applications. Molecular Pharmaceutics, 2014, 11, 4100-4106.	2.3	45
98	Combinatorial Approach to Develop Tailored Biodegradable Poly(xylitol dicarboxylate) Polyesters. Biomacromolecules, 2014, 15, 4302-4313.	2.6	40
99	Preparation, blood coagulation and cell compatibility evaluation of chitosan-graft-poly lactide copolymers. Biomedical Materials (Bristol), 2014, 9, 015007.	1.7	14
100	Electrospinning of chitosan/poly(lactic acid-co-glycolic acid)/hydroxyapatite composite nanofibrous mats for tissue engineering applications. Polymer Bulletin, 2014, 71, 2999-3016.	1.7	10
101	Biodegradable Materials for Multilayer Transient Printed Circuit Boards. Advanced Materials, 2014, 26, 7371-7377.	11.1	136
102	Electrosprayed PLGA smart containers for active anti-corrosion coating on magnesium alloy AMLite. Journal of Materials Chemistry A, 2014, 2, 5738.	5.2	61
103	Silk/chitosan biohybrid hydrogels and scaffolds via green technology. RSC Advances, 2014, 4, 53547-53556.	1.7	35
104	Novel Model for the Description of the Controlled Release of 5-Fluorouracil from PLGA and PLA Foamed Scaffolds Impregnated in Supercritical CO ₂ . Industrial & Engineering Chemistry Research, 2014, 53, 15374-15382.	1.8	34
105	In Vivo Studies of Nanostructure-Based Photosensitizers for Photodynamic Cancer Therapy. Small, 2014, 10, 4993-5013.	5.2	95
106	Biodegradable Janus Nanoparticles for Local Pulmonary Delivery of Hydrophilic and Hydrophobic Molecules to the Lungs. Langmuir, 2014, 30, 12941-12949.	1.6	78
107	Polymer coated gold nanoparticle-protein agglomerates as nanocarriers for hydrophobic drug delivery. Journal of Materials Chemistry B, 2014, 2, 6472-6477.	2.9	26
108	Sustainable strategies for nano-in-micro particle engineering for pulmonary delivery. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	31
109	Engineered Nanoparticles for Drug Delivery in Cancer Therapy. Angewandte Chemie - International Edition, 2014, 53, 12320-12364.	7.2	1,447
110	In vitro and in vivo cytocompatibility of electrospun nanofiber scaffolds for tissue engineering applications. RSC Advances, 2014, 4, 31618-31642.	1.7	36

#	ARTICLE	IF	CITATIONS
111	Biodegradable delivery system containing a peptide inhibitor of polyglutamine aggregation: a step toward therapeutic development in Huntington's disease. <i>Journal of Peptide Science</i> , 2014, 20, 630-639.	0.8	16
112	Oral delivery of nanoparticle-based vaccines. <i>Expert Review of Vaccines</i> , 2014, 13, 1361-1376.	2.0	120
113	Tuning Model Drug Release and Soft-Tissue Bioadhesion of Polyester Films by Plasma Post-Treatment. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5749-5758.	4.0	31
114	Validation of a Mathematical Model for the Description of Hydrophilic and Hydrophobic Drug Delivery from Biodegradable Foams: Experimental and Comparison Using Indomethacin as Released Drug. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 8866-8873.	1.8	18
115	Anti-inflammatory loaded poly-lactic glycolic acid nanoparticle formulations to enhance myocardial gene transfer: an in-vitro assessment of a drug/gene combination therapeutic approach for direct injection. <i>Journal of Translational Medicine</i> , 2014, 12, 171.	1.8	15
116	Vitamin-C Delivery from CoCr Alloy Surfaces Using Polymer-Free and Polymer-Based Platforms For Cardiovascular Stent Applications. <i>Langmuir</i> , 2014, 30, 6237-6249.	1.6	17
117	Investigating the suitability of electrohydrodynamic lithography for the fabrication of cell substrates. <i>Journal of Materials Science</i> , 2014, 49, 4045-4057.	1.7	4
118	Microspheres Prepared with PLGA Blends for Delivery of Dexamethasone for Implantable Medical Devices. <i>Pharmaceutical Research</i> , 2014, 31, 373-381.	1.7	22
119	A novel strategy for the treatment of chronic wounds based on the topical administration of rhEGF-loaded lipid nanoparticles: In vitro bioactivity and in vivo effectiveness in healing-impaired db/db mice. <i>Journal of Controlled Release</i> , 2014, 185, 51-61.	4.8	143
120	Overview of nano-drugs characteristics for clinical application: the journey from the entry to the exit point. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	53
121	Non-aggregated protamine-coated poly(lactide-co-glycolide) nanoparticles of cisplatin crossed blood-brain barrier, enhanced drug delivery and improved therapeutic index in glioblastoma cells: <i>in vitro</i> studies. <i>Journal of Microencapsulation</i> , 2014, 31, 685-693.	1.2	15
122	Biodegradable Effect of PLGA Membrane in Alveolar Bone Regeneration on Beagle Dog. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 1051-1055.	0.9	18
123	Polymeric Materials in Drug Delivery. , 2014, , 333-349.		8
124	Control of Scaffold Degradation in Tissue Engineering: A Review. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 492-502.	2.5	188
125	Osteointegration of PLGA implants with nanostructured or micro-sized β -TCP particles in a minipig model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 40, 190-200.	1.5	17
126	Fabrication and structure analysis of poly(lactide-co-glycolic acid)/silk fibroin hybrid scaffold for wound dressing applications. <i>International Journal of Pharmaceutics</i> , 2014, 473, 345-355.	2.6	119
127	Mechanical properties and dual drug delivery application of poly(lactic-co-glycolic acid) scaffolds fabricated with a poly(β -amino ester) porogen. <i>Acta Biomaterialia</i> , 2014, 10, 2125-2132.	4.1	26
128	Novel ether-linkages containing aliphatic copolyesters of poly(butylene 1,4-cyclohexanedicarboxylate) as promising candidates for biomedical applications. <i>Materials Science and Engineering C</i> , 2014, 34, 86-97.	3.8	31

#	ARTICLE	IF	CITATIONS
129	A Methacrylic Anhydride Difunctional Precursor to Produce a Hydrolysis-Sensitive Coating by Aerosol-Assisted Atmospheric Plasma Process. <i>Plasma Processes and Polymers</i> , 2014, 11, 728-733.	1.6	32
130	Preparation of uniform poly-caprolactone Microparticles by membrane emulsification/solvent diffusion process. <i>Journal of Membrane Science</i> , 2014, 467, 262-268.	4.1	17
131	Safety evaluation of high-dose BCNU-loaded biodegradable implants in Chinese patients with recurrent malignant gliomas. <i>Journal of the Neurological Sciences</i> , 2014, 343, 60-65.	0.3	6
132	Safety of poly (ethylene glycol)-coated perfluorodecalin-filled poly (lactide-co-glycolide) microcapsules following intravenous administration of high amounts in rats. <i>Results in Pharma Sciences</i> , 2014, 4, 8-18.	4.2	15
133	Evaluation of P(L)LA-PEG-P(L)LA as processing aid for biodegradable particles from gas saturated solutions (PGSS) process. <i>International Journal of Pharmaceutics</i> , 2014, 468, 250-257.	2.6	27
134	Nanomedicine and its applications to the treatment of prostate cancer. <i>Annales Pharmaceutiques Francaises</i> , 2014, 72, 303-316.	0.4	13
135	Microneedle/nanoencapsulation-mediated transdermal delivery: Mechanistic insights. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 145-155.	2.0	37
136	Nanotechnology-based drug delivery systems for treatment of oral cancer: a review. <i>International Journal of Nanomedicine</i> , 2014, 9, 3719.	3.3	134
137	Drug-Eluting Nasal Implants: Formulation, Characterization, Clinical Applications and Challenges. <i>Pharmaceutics</i> , 2014, 6, 249-267.	2.0	39
138	The Experimental Therapy on Brain Ischemia by Improvement of Local Angiogenesis with Tissue Engineering in the Mouse. <i>Cell Transplantation</i> , 2014, 23, 83-95.	1.2	60
139	A portable device for in situ deposition of bioproducts. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2014, 3, 94-105.	0.7	22
141	Synthesis and characterization of gold encapsulated and tamoxifen loaded PLGA nanoparticles for breast cancer theranostics. , 2015, , .		2
142	Electrospun Nanostructures as Biodegradable Composite Materials for Biomedical Applications. , 2015, , 49-72.		0
144	Thermodynamic Insights and Conceptual Design of Skin-Sensitive Chitosan Coated Ceramide/PLGA Nanodrug for Regeneration of Stratum Corneum on Atopic Dermatitis. <i>Scientific Reports</i> , 2015, 5, 18089.	1.6	36
146	Drug Delivery Systems: Polymer and Layered Silicate-Based. , 0, , 2914-2925.		0
147	Magnesium Oxide Based PLGA/Chitosan Microparticles for Controlled Release Study. , 2015, , .		0
149	Functionalized PEG-PLGA triblock terpolymers as materials for nanoparticle preparation. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2163-2174.	2.5	8
150	Injectable 2D MoS ₂ Integrated Drug Delivering Implant for Highly Efficient NIR-Triggered Synergistic Tumor Hyperthermia. <i>Advanced Materials</i> , 2015, 27, 7117-7122.	11.1	238

#	ARTICLE	IF	CITATIONS
151	Formulation and evaluation of tacrolimus-loaded galactosylated Poly(lactic-co-glycolic acid) nanoparticles for liver targeting. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1337-1348.	1.2	13
152	Tissue Factor Pathway Inhibitor-Coated Stents Inhibit Restenosis in a Rabbit Carotid Artery Model. <i>Cardiovascular Therapeutics</i> , 2015, 33, 353-359.	1.1	3
153	Influence of intermediate degradation products on the hydrolytic degradation of poly[(rac)-lactide-co-glycolide] at the air-water interface. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1402-1410.	1.6	6
154	Albuminated PLGA nanoparticles containing bevacizumab intended for ocular neovascularization treatment. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3148-3156.	2.1	92
155	Radiolabeled Polymeric Nanoconstructs Loaded with Docetaxel and Curcumin for Cancer Combinatorial Therapy and Nuclear Imaging. <i>Advanced Functional Materials</i> , 2015, 25, 3371-3379.	7.8	34
156	Biodegradable Nanotopography Combined with Neurotrophic Signals Enhances Contact Guidance and Neuronal Differentiation of Human Neural Stem Cells. <i>Macromolecular Bioscience</i> , 2015, 15, 1348-1356.	2.1	53
157	Tuning salicylate-based polymers to overcome lag time and extend release via copolymers and polymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 685-689.	2.4	1
159	Emerging therapies for pancreatic ductal carcinoma. <i>Journal of Solid Tumors</i> , 2015, 6, .	0.1	1
160	Characterization of nanostructured ureteral stent with gradient degradation in a porcine model. <i>International Journal of Nanomedicine</i> , 2015, 10, 3055.	3.3	37
161	Nano-pharmaceutical Formulations for Targeted Drug Delivery against HER2 in Breast Cancer. <i>Current Cancer Drug Targets</i> , 2015, 15, 71-86.	0.8	30
162	Incorporação do hormônio do crescimento humano recombinante (rhGH) em matriz de poli(mero biodegradável). <i>Universidade Estadual Paulista Revista De Odontologia</i> , 2015, 44, 218-225.	0.3	0
163	Synthesis and characterization of multifunctional hybrid-polymeric nanoparticles for drug delivery and multimodal imaging of cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 5771.	3.3	10
164	Investigation and optimization of formulation parameters on preparation of targeted anti-CD205 tailored PLGA nanoparticles. <i>International Journal of Nanomedicine</i> , 2015, 10, 7371.	3.3	16
165	Depot-Based Delivery Systems for Pro-Angiogenic Peptides: A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 102.	2.0	48
166	A Method for Quantification of Penetration of Nanoparticles through Skin Layers Using Near-Infrared Optical Imaging. <i>Cosmetics</i> , 2015, 2, 225-235.	1.5	5
167	Drug Carrier for Photodynamic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22094-22136.	1.8	190
168	Biomimetic Hybrid Nanofiber Sheets Composed of RGD Peptide-Decorated PLGA as Cell-Adhesive Substrates. <i>Journal of Functional Biomaterials</i> , 2015, 6, 367-378.	1.8	20
169	Preparation of Cotton-Wool-Like Poly(lactic acid)-Based Composites Consisting of Core-Shell-Type Fibers. <i>Materials</i> , 2015, 8, 7979-7987.	1.3	5

#	ARTICLE	IF	CITATIONS
170	Conjugation of α -Adrenergic Antagonist Alprenolol to Implantable Polymer-Aescin Matrices for Local Delivery. <i>Polymers</i> , 2015, 7, 1820-1836.	2.0	5
171	Biodegradable Polymeric Microsphere-Based Drug Delivery for Inductive Browning of Fat. <i>Frontiers in Endocrinology</i> , 2015, 6, 169.	1.5	18
172	Polymer-Based Prodrugs: Improving Tumor Targeting and the Solubility of Small Molecule Drugs in Cancer Therapy. <i>Molecules</i> , 2015, 20, 21750-21769.	1.7	84
173	Evolution of availability of curcumin inside poly-lactic-co-glycolic acid nanoparticles: impact on antioxidant and antinitrosant properties. <i>International Journal of Nanomedicine</i> , 2015, 10, 5355.	3.3	15
174	Development and in vitro characterization of drug delivery system of rifapentine for osteoarticular tuberculosis. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1359.	2.0	16
175	Mesoporous bioactive glass surface modified poly(lactic-co-glycolic acid) electrospun fibrous scaffold for bone regeneration. <i>International Journal of Nanomedicine</i> , 2015, 10, 3815.	3.3	23
176	Bone Regeneration from PLGA Micro-Nanoparticles. <i>BioMed Research International</i> , 2015, 2015, 1-18.	0.9	60
177	Biomaterial Approaches to Enhancing Neurorestoration after Spinal Cord Injury: Strategies for Overcoming Inherent Biological Obstacles. <i>BioMed Research International</i> , 2015, 2015, 1-20.	0.9	32
178	Experiment Research on Bonding Effect of Poly(lactic-co-glycolic acid) Device by Surface Treatment Method. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-7.	1.2	2
179	Optimization and Characterization of Artesunate-Loaded Chitosan-Decorated Poly(D,L-lactide-co-glycolide) Acid Nanoparticles. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12.	1.5	8
180	Recent Trends in Preparation of Poly(lactide-co-glycolide) Nanoparticles by Mixing Polymeric Organic Solution with Antisolvent. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-22.	1.5	114
181	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. <i>Stem Cells International</i> , 2015, 2015, 1-24.	1.2	135
182	Preparation and Evaluation of Pralidoxime-Loaded PLGA Nanoparticles as Potential Carriers of the Drug across the Blood Brain Barrier. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-5.	1.5	30
184	Development and optimization of quercetin-loaded PLGA nanoparticles by experimental design. <i>Medicine and Pharmacy Reports</i> , 2015, 88, 214-223.	0.2	37
185	Diffusion-reaction models of genipin incorporation into fibrin networks. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4607-4615.	2.9	26
186	Tensile properties and in vitro degradation of P(TMC-co-LLA) elastomers. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4406-4416.	2.9	11
187	Probing the interaction of nanoparticles with mucin for drug delivery applications using dynamic light scattering. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 218-222.	2.0	71
188	Sustained regeneration of high-volume adipose tissue for breast reconstruction using computer aided design and biomanufacturing. <i>Biomaterials</i> , 2015, 52, 551-560.	5.7	98

#	ARTICLE	IF	CITATIONS
189	PLGA: a unique polymer for drug delivery. <i>Therapeutic Delivery</i> , 2015, 6, 41-58.	1.2	429
190	Nanoparticle formulations of histone deacetylase inhibitors for effective chemoradiotherapy in solid tumors. <i>Biomaterials</i> , 2015, 51, 208-215.	5.7	59
191	<i>In vivo</i> evaluation of a mucoadhesive polymeric caplet for intravaginal anti-HIV-1 delivery and development of a molecular mechanistic model for thermochemical characterization. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1274-1287.	0.9	8
192	Dimensionality reduction, and function approximation of poly(lactic-co-glycolic acid) micro- and nanoparticle dissolution rate. <i>International Journal of Nanomedicine</i> , 2015, 10, 1119.	3.3	8
193	Optimization of the process parameters for the fabrication of a polymer coated layered double hydroxide-methotrexate nano hybrid for the possible treatment of osteosarcoma. <i>RSC Advances</i> , 2015, 5, 102574-102592.	1.7	37
194	Biodegradable citrate-based polyesters with S-nitrosothiol functional groups for nitric oxide release. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9233-9241.	2.9	18
195	Injection-Site Nodules Associated With the Use of Exenatide Extended-Release Reported to the U.S. Food and Drug Administration Adverse Event Reporting System. <i>Diabetes Spectrum</i> , 2015, 28, 283-288.	0.4	14
196	Applications of nanoparticles in cancer medicine and beyond: optical and multimodal in vivo imaging, tissue targeting and drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1837-1849.	2.4	44
197	Preparation, characterization and immunological evaluation: canine parvovirus synthetic peptide loaded PLGA nanoparticles. <i>Journal of Biomedical Science</i> , 2015, 22, 89.	2.6	57
198	Raman spectroscopic evidence of low temperature stability of d,l-glycolic and l-(+)-lactic acid crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 35-43.	2.0	3
199	Drug-loaded PLGA-mPEG microparticles as treatment for atopic dermatitis-like skin lesions in BALB/c mice model. <i>Journal of Microencapsulation</i> , 2015, 32, 201-209.	1.2	15
200	Nanoparticle-based technologies for retinal gene therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 353-367.	2.0	76
201	HDL-Mimetic PLGA Nanoparticle To Target Atherosclerosis Plaque Macrophages. <i>Bioconjugate Chemistry</i> , 2015, 26, 443-451.	1.8	127
202	Microfluidic Fabrication of Multi-Drug-Loaded Polymeric Microparticles for Topical Glaucoma Therapy. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 567-572.	1.2	26
203	In Vitro Degradation of Poly(d,l-lactide-co-glycolide) Foams Processed with Supercritical Fluids. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 2114-2119.	1.8	6
204	<i>Nanomedicine and Tissue Engineering</i> , 2015, , 1-19.		11
205	<i>Polymers in Drug Delivery: Fundamentals</i> , 2015, , 319-339.		1
206	Nanoparticle-Based Brachytherapy Spacers for Delivery of Localized Combined Chemoradiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 393-400.	0.4	23

#	ARTICLE	IF	CITATIONS
207	Brachytherapy Application With In Situ Dose Painting Administered by Gold Nanoparticle Eluters. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 385-392.	0.4	37
208	Highly aligned nanocomposite scaffolds by electrospinning and electrospaying for neural tissue regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 693-704.	1.7	108
209	Role of Nanogenotoxicology Studies in Safety Evaluation of Nanomaterials. , 2015, , 263-287.		3
210	Design of experiments for the development of poly(D,L-lactide-co-glycolide) nanoparticles loaded with <i>Uncaria tomentosa</i> . <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	15
211	Sustained Release of a Purified Tannin Component of <i>Terminalia chebula</i> from a Titanium Implant Surface Prevents Biofilm Formation by <i>Staphylococcus aureus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 3542-3556.	1.4	11
212	Formulation and characterization of microspheres loaded with imatinib for sustained delivery. <i>International Journal of Pharmaceutics</i> , 2015, 482, 123-130.	2.6	48
213	A Design of Experiment Study of Nanoprecipitation and Nano Spray Drying as Processes to Prepare PLGA Nano- and Microparticles with Defined Sizes and Size Distributions. <i>Pharmaceutical Research</i> , 2015, 32, 2609-24.	1.7	40
214	Nose-To-Brain Delivery of PLGA-Diazepam Nanoparticles. <i>AAPS PharmSciTech</i> , 2015, 16, 1108-1121.	1.5	87
215	N-methyl pyrrolidone/bone morphogenetic protein-2 double delivery with in situ forming implants. <i>Journal of Controlled Release</i> , 2015, 203, 181-188.	4.8	19
216	Poly(lactic-co-glycolic acid) matrix incorporated with nisin as a novel antimicrobial biomaterial. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 649-659.	1.7	11
217	pH/redox dual-sensitive nanoparticles based on the PCL/PEG triblock copolymer for enhanced intracellular doxorubicin release. <i>RSC Advances</i> , 2015, 5, 28060-28069.	1.7	19
218	Advancements in the delivery of epigenetic drugs. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1501-1512.	2.4	22
219	Integrating biologically inspired nanomaterials and table-top stereolithography for 3D printed biomimetic osteochondral scaffolds. <i>Nanoscale</i> , 2015, 7, 14010-14022.	2.8	172
220	Single-injection vaccines: Progress, challenges, and opportunities. <i>Journal of Controlled Release</i> , 2015, 219, 596-609.	4.8	80
221	PLGA-Mesoporous Silicon Microspheres for the <i>in Vivo</i> Controlled Temporospatial Delivery of Proteins. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16364-16373.	4.0	46
222	Pulmonary drug delivery: a review on nanocarriers for antibacterial chemotherapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2945-2955.	1.3	68
223	High-Pressure Phase Behavior of Poly(lactic-co-glycolic acid), Dichloromethane, and Carbon Dioxide Ternary Mixture Systems. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2146-2151.	1.0	3
224	Injectable PLGA microspheres encapsulating WKYMVM peptide for neovascularization. <i>Acta Biomaterialia</i> , 2015, 25, 76-85.	4.1	23

#	ARTICLE	IF	CITATIONS
225	Positive charge of "stickly" peptides and proteins impedes release from negatively charged PLGA matrices. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4723-4734.	2.9	28
226	Natural and Synthetic Polymers as Drug Carriers for Delivery of Therapeutic Proteins. <i>Polymer Reviews</i> , 2015, 55, 371-406.	5.3	109
227	Calibration-Quality Cancer Nanotherapeutics. <i>Cancer Treatment and Research</i> , 2015, 166, 275-291.	0.2	8
228	Quality control of residual solvent content in polymeric microparticles. <i>Journal of Microencapsulation</i> , 2015, 32, 107-122.	1.2	18
229	Polyactives: controlled and sustained bioactive release via hydrolytic degradation. <i>Biomaterials Science</i> , 2015, 3, 1171-1187.	2.6	30
230	Physicomechanical properties of sintered scaffolds formed from porous and protein-loaded poly(DL-lactic-co-glycolic acid) microspheres for potential use in bone tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 796-811.	1.9	9
231	Glycolic Acid-Catalyzed Deamidation of Asparagine Residues in Degrading PLGA Matrices: A Computational Study. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7261-7272.	1.8	10
232	The potential of 3-dimensional construct engineered from poly(lactic-co-glycolic acid)/fibrin hybrid scaffold seeded with bone marrow mesenchymal stem cells for in vitro cartilage tissue engineering. <i>Tissue and Cell</i> , 2015, 47, 420-430.	1.0	27
233	Synthesis of silver/polymer nanocomposites by surface coating using carbodiimide method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 44-49.	2.3	13
234	Surface modification of PLGA nanoparticles by carbopol to enhance mucoadhesion and cell internalization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 229-236.	2.5	49
235	Biological characteristics of muscle-derived satellite cells isolated from rats at different postnatal days. <i>Cytotechnology</i> , 2015, 67, 397-408.	0.7	2
236	Formulation of Anti-miR-21 and 4-Hydroxytamoxifen Co-loaded Biodegradable Polymer Nanoparticles and Their Antiproliferative Effect on Breast Cancer Cells. <i>Molecular Pharmaceutics</i> , 2015, 12, 2080-2092.	2.3	50
237	Formulation, characterization, and evaluation of ligand-conjugated biodegradable quercetin nanoparticles for active targeting. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2015, 44, 1-11.	1.9	21
238	Poly(d,l-lactide-co-glycolide)–chitosan composite particles for the treatment of lung cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 2997.	3.3	12
239	Antigen-Specific Killer Poly(lactic-Co-Glycolic Acid (PLGA) Microspheres Can Prolong Alloskin Graft Survival in a Murine Model. <i>Immunological Investigations</i> , 2015, 44, 385-399.	1.0	4
240	Biodegradable Poly (Lactic-co-Glycolic Acid)-Polyethylene Glycol Nanocapsules: An Efficient Carrier for Improved Solubility, Bioavailability, and Anticancer Property of Lutein. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2085-2093.	1.6	54
241	Water-Soluble Thin Film Transistors and Circuits Based on Amorphous Indium–Gallium–Zinc Oxide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8268-8274.	4.0	113
242	Polyhydroxyalkanoates, a family of natural polymers, and their applications in drug delivery. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1209-1221.	1.6	108

#	ARTICLE	IF	CITATIONS
243	Application of biomaterials to advance induced pluripotent stem cell research and therapy. <i>EMBO Journal</i> , 2015, 34, 987-1008.	3.5	84
244	On-Demand One-Step Synthesis of Monodisperse Functional Polymeric Microspheres with Droplet Microfluidics. <i>Langmuir</i> , 2015, 31, 3982-3992.	1.6	28
245	Nanotechnology-Based Precision Tools for the Detection and Treatment of Cancer. <i>Cancer Treatment and Research</i> , 2015, , .	0.2	25
246	pH dependent chemical stability and release of methotrexate from a novel nanoceramic carrier. <i>RSC Advances</i> , 2015, 5, 39482-39494.	1.7	38
247	Pulmonary Delivery of Voriconazole Loaded Nanoparticles Providing a Prolonged Drug Level in Lungs: A Promise for Treating Fungal Infection. <i>Molecular Pharmaceutics</i> , 2015, 12, 2651-2664.	2.3	57
248	Cubosomes and other potential ocular drug delivery vehicles for macromolecular therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1513-1526.	2.4	25
249	Thermodynamic phase behaviour of indomethacin/PLGA formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 88-94.	2.0	47
250	Advances in drug delivery systems (DDSs) to release growth factors for wound healing and skin regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1551-1573.	1.7	211
251	Delivery of dexamethasone from electrospun PCL/PEO binary fibers and their effects on inflammation regulation. <i>RSC Advances</i> , 2015, 5, 34166-34172.	1.7	17
252	Anti-inflammation and anti-fibrosis with PEGylated, apigenin loaded PLGA nanoparticles in chronic pancreatitis disease. <i>RSC Advances</i> , 2015, 5, 83628-83635.	1.7	21
253	PEGylated poly(ester amide) elastomers with tunable physico-chemical, mechanical and degradation properties. <i>European Polymer Journal</i> , 2015, 72, 163-179.	2.6	12
254	Standalone Lab-on-a-Chip Systems toward the Evaluation of Therapeutic Biomaterials in Individualized Disease Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1055-1066.	2.6	6
255	Leflunomide biodegradable microspheres intended for intra-articular administration: Development, anti-inflammatory activity and histopathological studies. <i>International Journal of Pharmaceutics</i> , 2015, 495, 664-670.	2.6	16
256	Stable single device multi-pore electrospaying of polymeric microparticles via controlled electrostatic interactions. <i>RSC Advances</i> , 2015, 5, 87919-87923.	1.7	20
257	In vitro and in vivo performance of dexamethasone loaded PLGA microspheres prepared using polymer blends. <i>International Journal of Pharmaceutics</i> , 2015, 496, 534-540.	2.6	38
258	Mucoadhesive microparticles with a nanostructured surface for enhanced bioavailability of glaucoma drug. <i>Journal of Controlled Release</i> , 2015, 220, 180-188.	4.8	39
259	Nanoparticle-Based ARV Drug Combinations for Synergistic Inhibition of Cell-Free and Cell/Cell HIV Transmission. <i>Molecular Pharmaceutics</i> , 2015, 12, 4363-4374.	2.3	40
260	Co-encapsulation of lyoprotectants improves the stability of protein-loaded PLGA nanoparticles upon lyophilization. <i>International Journal of Pharmaceutics</i> , 2015, 496, 850-862.	2.6	42

#	ARTICLE	IF	CITATIONS
261	Laser light triggered smart release of silibinin from a PEGylated PLGA gold nanocomposite. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9023-9032.	2.9	35
262	Surface modification of magnesium by functional polymer coatings for neural applications. , 2015, , 335-353.		11
263	Intracellular localization and dynamics of Hypericin loaded PLLA nanocarriers by image correlation spectroscopy. <i>Journal of Controlled Release</i> , 2015, 218, 82-93.	4.8	19
264	Novel Polymeric Bioerodable Microparticles for Prolonged-Release Intrathecal Delivery of Analgesic Agents for Relief of Intractable Cancer-Related Pain. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2334-2344.	1.6	23
265	PLGA nanofibers improves the antitumoral effect of daunorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 248-255.	2.5	33
266	Biomolecule incorporated poly- μ -caprolactone nanofibrous scaffolds for enhanced human meniscal cell attachment and proliferation. <i>RSC Advances</i> , 2015, 5, 73552-73561.	1.7	34
267	Tunable controlled release of bioactive SDF-1 α via specific protein interactions within fibrin/nanoparticle composites. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7963-7973.	2.9	15
268	Hydrolytic and enzymatic degradation of flexible polymer networks comprising fatty acid derivatives. <i>Polymer Degradation and Stability</i> , 2015, 120, 368-376.	2.7	18
269	Confocal fluorescence microscopy: An ultra-sensitive tool used to evaluate intracellular antiretroviral nano-drug delivery in HeLa cells. <i>AIP Advances</i> , 2015, 5, 084803.	0.6	18
270	Polymeric nanoparticles and microparticles for the delivery of peptides, biologics, and soluble therapeutics. <i>Journal of Controlled Release</i> , 2015, 219, 519-535.	4.8	129
271	Hydrogels that allow and facilitate bone repair, remodeling, and regeneration. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7818-7830.	2.9	69
272	A novel CX3CR1 antagonist eluting stent reduces stenosis by targeting inflammation. <i>Biomaterials</i> , 2015, 69, 22-29.	5.7	17
273	Prediction of dexamethasone release from PLGA microspheres prepared with polymer blends using a design of experiment approach. <i>International Journal of Pharmaceutics</i> , 2015, 495, 393-403.	2.6	56
274	Manufacturing of Natural Fibre Reinforced Polymer Composites. , 2015, , .		44
275	Manufacturing of Natural Fibre-Reinforced Polymer Composites by Solvent Casting Method. , 2015, , 331-349.		22
276	Nanotechnology-based drug delivery treatments and specific targeting therapy for age-related macular degeneration. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 635-641.	0.6	24
277	Polymer-based vehicles for therapeutic peptide delivery. <i>Therapeutic Delivery</i> , 2015, 6, 1279-1296.	1.2	6
278	Molecular beacon-loaded polymeric nanoparticles for non-invasive imaging of mRNA expression. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6148-6156.	2.9	22

#	ARTICLE	IF	CITATIONS
279	Rate-programming of nano-particulate delivery systems for smart bioactive scaffolds in tissue engineering. <i>Nanotechnology</i> , 2015, 26, 012001.	1.3	22
280	In vivo evaluation of different formulation strategies for sustained release injectables of a poorly soluble HIV protease inhibitor. <i>Journal of Controlled Release</i> , 2015, 199, 1-9.	4.8	5
281	Lactosylated PLGA nanoparticles containing β -polylysine for the sustained release and liver-targeted delivery of the negatively charged proteins. <i>International Journal of Pharmaceutics</i> , 2015, 478, 633-643.	2.6	22
282	A rapid drug release system with a NIR light-activated molecular switch for dual-modality photothermal/antibiotic treatments of subcutaneous abscesses. <i>Journal of Controlled Release</i> , 2015, 199, 53-62.	4.8	102
283	Poly(l-lactic acid) membranes: Absence of genotoxic hazard and potential for drug delivery. <i>Toxicology Letters</i> , 2015, 232, 513-518.	0.4	23
284	Quantitation of the immunological adjuvants, monophosphoryl lipid A and Quil A in poly (lactic-co-glycolic acid) nanoparticles using high performance liquid chromatography with evaporative light scattering detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 975, 45-51.	1.2	10
285	Early controlled release of peroxisome proliferator-activated receptor β agonist GW501516 improves diabetic wound healing through redox modulation of wound microenvironment. <i>Journal of Controlled Release</i> , 2015, 197, 138-147.	4.8	47
286	Effect of fiber orientation of collagen-based electrospun meshes on human fibroblasts for ligament tissue engineering applications. , 2015, 103, 39-46.		39
287	Monitoring production process of cisplatin-loaded PLGA nanoparticles by FTIR microspectroscopy and univariate data analysis. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	22
288	Gemcitabine loaded biodegradable PLGA nanospheres for in vitro pancreatic cancer therapy. <i>Materials Science and Engineering C</i> , 2015, 47, 40-47.	3.8	58
289	Targeting myeloid cells using nanoparticles to improve cancer immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2015, 91, 38-51.	6.6	55
290	Transferrin surface-modified PLGA nanoparticles-mediated delivery of a proteasome inhibitor to human pancreatic cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1476-1484.	2.1	55
291	Porous magnesium/PLGA composite scaffolds for enhanced bone regeneration following tooth extraction. <i>Acta Biomaterialia</i> , 2015, 11, 543-553.	4.1	161
292	Polyethylene glycol microgels to deliver bioactive nerve growth factor. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 604-613.	2.1	22
293	Polymeric nanoparticles for targeted radiosensitization of prostate cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1632-1639.	2.1	27
294	Effect of Halloysite Nanoclay Concentration and Addition of Glycerol on Mechanical Properties of Bioanocomposite Films. <i>Polymers and Polymer Composites</i> , 2016, 24, 795-802.	1.0	19
295	Enhanced oral bioavailability of acetylpuerarin by poly(lactide-co-glycolide) nanoparticles optimized using uniform design combined with response surface methodology. <i>Drug Design, Development and Therapy</i> , 2016, 10, 2029.	2.0	11
296	In vitro stress effect on degradation and drug release behaviors of basic fibroblast growth factor – poly(lactic-co-glycolic-acid) microsphere. <i>Drug Design, Development and Therapy</i> , 2016, 10, 431.	2.0	9

#	ARTICLE	IF	CITATIONS
297	Fabrication and characterization of novel multilayered structures by stereocomplexion of poly(D-lactic acid)/poly(L-lactic acid) and self-assembly of polyelectrolytes. Beilstein Journal of Nanotechnology, 2016, 7, 81-90.	1.5	18
298	Polydopamine-Assisted Surface Modification for Bone Biosubstitutes. BioMed Research International, 2016, 2016, 1-9.	0.9	71
299	PLGA/Nano-ZnO Composite Particles for Use in Biomedical Applications: Preparation, Characterization, and Antimicrobial Activity. Journal of Nanomaterials, 2016, 2016, 1-10.	1.5	15
300	A Controlled Release Codelivery System of MSCs Encapsulated in Dextran/Gelatin Hydrogel with TGF- β 3-Loaded Nanoparticles for Nucleus Pulposus Regeneration. Stem Cells International, 2016, 2016, 1-14.	1.2	31
301	Sustained Release of Protein Therapeutics from Subcutaneous Thermosensitive Biocompatible and Biodegradable Pentablock Copolymers (PTSGels). Journal of Drug Delivery, 2016, 2016, 1-15.	2.5	9
302	Investigating the Intracellular Dynamics of Hypericin-Loaded Nanoparticles and Polyvinylpyrrolidone-Hypericin by Image Correlation Spectroscopy. , 2016, , 275-286.		1
303	PLA and PLGA nanoarchitectonics for improving anti-infective drugs efficiency. , 2016, , 451-482.		0
304	Biomedical Applications of Biodegradable Polyesters. Polymers, 2016, 8, 20.	2.0	363
305	Folate Functionalized PLGA Nanoparticles Loaded with Plasmid pVAX1-NH36: Mathematical Analysis of Release. Applied Sciences (Switzerland), 2016, 6, 364.	1.3	8
306	Electrospun 3D Fibrous Scaffolds for Chronic Wound Repair. Materials, 2016, 9, 272.	1.3	69
307	Room Temperature Consolidation of a Porous Poly(lactic-co-glycolic acid) Matrix by the Addition of Maltose to the Water-in-Oil Emulsion. Materials, 2016, 9, 420.	1.3	4
308	Fabrication of Porous Materials from Natural/Synthetic Biopolymers and Their Composites. Materials, 2016, 9, 991.	1.3	132
309	Nanomaterials for Cardiac Myocyte Tissue Engineering. Nanomaterials, 2016, 6, 133.	1.9	45
310	An Osteoconductive Antibiotic Bone Eluting Putty with a Custom Polymer Matrix. Polymers, 2016, 8, 247.	2.0	5
311	Fabrication of Fucoxanthin-Loaded Microsphere(F-LM) By Two Steps Double-Emulsion Solvent Evaporation Method and Characterization of Fucoxanthin before and after Microencapsulation. Journal of Oleo Science, 2016, 65, 641-653.	0.6	29
312	Anthracycline Drugs on Modified Surface of Quercetin-Loaded Polymer Nanoparticles: A Dual Drug Delivery Model for Cancer Treatment. PLoS ONE, 2016, 11, e0155710.	1.1	48
313	Manufacturing of a Secretoneurin Drug Delivery System with Self-Assembled Protamine Nanoparticles by Titration. PLoS ONE, 2016, 11, e0164149.	1.1	5
314	Synthesis, Characterization, and Biological Evaluation of Anti-HER2 Indocyanine Green-Encapsulated PEG-Coated PLGA Nanoparticles for Targeted Phototherapy of Breast Cancer Cells. PLoS ONE, 2016, 11, e0168192.	1.1	15

#	ARTICLE	IF	CITATIONS
315	Current Polyestheric Systems for Advanced Drug Delivery. , 2016, , 143-168.		1
316	Controlled-release of tetracycline and lovastatin by poly(D,L-lactide-co-glycolide acid)-chitosan nanoparticles enhances periodontal regeneration in dogs. International Journal of Nanomedicine, 2016, 11, 285.	3.3	46
317	Bioerodable PLGA-Based Microparticles for Producing Sustained-Release Drug Formulations and Strategies for Improving Drug Loading. Frontiers in Pharmacology, 2016, 7, 185.	1.6	255
318	Formulation and In vitro Interaction of Rhodamine-B Loaded PLGA Nanoparticles with Cardiac Myocytes. Frontiers in Pharmacology, 2016, 7, 458.	1.6	34
319	Advanced nanobiomaterials in tissue engineering. , 2016, , 141-172.		19
320	PLGA Nanoparticles and Their Versatile Role in Anticancer Drug Delivery. Critical Reviews in Therapeutic Drug Carrier Systems, 2016, 33, 159-193.	1.2	69
321	The effect of solvent composition on vancomycin hydrochloride and free base vancomycin release from <i>in situ</i> forming implants. Polymers for Advanced Technologies, 2016, 27, 1653-1663.	1.6	9
322	Empirical search for factors affecting mean particle size of PLGA microspheres containing macromolecular drugs. Computer Methods and Programs in Biomedicine, 2016, 134, 137-147.	2.6	18
323	Preparation, optimization, and characterization of simvastatin nanoparticles by electrospraying: An artificial neural networks study. Journal of Applied Polymer Science, 2016, 133, .	1.3	11
324	In vitro evaluation of lysyl oxidase antibody conjugated nanoparticles. Macromolecular Research, 2016, 24, 748-755.	1.0	1
325	Tailoring sub- μ m PLGA particle release profiles via centrifugal fractioning. Journal of Biomedical Materials Research - Part A, 2016, 104, 688-696.	2.1	11
326	One-step synthesis of poly(lactic-co-glycolic acid)- <i>g</i> -poly-1-vinylpyrrolidin-2-one copolymers. Journal of Polymer Science Part A, 2016, 54, 1919-1928.	2.5	2
327	Fluorescent Polymer Nanoparticles Based on Dyes: Seeking Brighter Tools for Bioimaging. Small, 2016, 12, 1968-1992.	5.2	487
328	PLGA-microencapsulation protects Salmonella typhi outer membrane proteins from acidic degradation and increases their mucosal immunogenicity. Vaccine, 2016, 34, 4263-4269.	1.7	17
329	Coaxial electrospun fibers: applications in drug delivery and tissue engineering. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 654-677.	3.3	188
330	Evaluation of anti-HER2 scFv-conjugated PLGA-PEG nanoparticles on 3D tumor spheroids of BT474 and HCT116 cancer cells. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2016, 7, 025004.	0.7	18
331	Improved Treatment of Pancreatic Cancer With Drug Delivery Nanoparticles Loaded With a Novel AKT/PDK1 Inhibitor. Pancreas, 2016, 45, 1158-1166.	0.5	19
332	A New Level A Type IVVC for the Rational Design of Clinical Trials Toward Regulatory Approval of Generic Polymeric Long-Acting Injectables. Clinical Pharmacokinetics, 2016, 55, 1179-1190.	1.6	9

#	ARTICLE	IF	CITATIONS
333	Sustained Release of Cx43 Antisense Oligodeoxynucleotides from Coated Collagen Scaffolds Promotes Wound Healing. <i>Advanced Healthcare Materials</i> , 2016, 5, 1786-1799.	3.9	28
334	Is There an Optimal Formulation and Delivery Strategy for Subunit Vaccines?. <i>Pharmaceutical Research</i> , 2016, 33, 2078-2097.	1.7	58
335	Inhibition of the cancer-associated TASK 3 channels by magnetically induced thermal release of Tetrandrine from a polymeric drug carrier. <i>Journal of Controlled Release</i> , 2016, 237, 50-60.	4.8	29
336	Ultra-small lipid-polymer hybrid nanoparticles for tumor-penetrating drug delivery. <i>Nanoscale</i> , 2016, 8, 14411-14419.	2.8	100
337	Poly(L-lactide) crystallization topography directs MC3T3-E1 cells response. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1317-1330.	1.9	4
338	Carboxymethyl starch/alginate microspheres containing diamine oxidase for intestinal targeting. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 344-353.	1.4	34
339	Sustained-Release Synthetic Biomarkers for Monitoring Thrombosis and Inflammation Using Point-of-Care Compatible Readouts. <i>Advanced Functional Materials</i> , 2016, 26, 2919-2928.	7.8	28
340	Drug Release Kinetics and Mechanism from PLGA Formulations. <i>AIChE Journal</i> , 2016, 62, 4055-4065.	1.8	22
341	The characterization of polylactic acid-Napier fibres as scaffolds for tissue engineering. , 2016, , .		0
342	Development of a novel dual PLGA and alginate coated drug-eluting stent for enhanced blood compatibility. <i>Macromolecular Research</i> , 2016, 24, 931-939.	1.0	10
343	A comparison of modifications induced by Li ³⁺ and Ag ⁸⁺ ion beams irradiation in poly(lactide-co-glycolide) films. <i>Polymer Science - Series B</i> , 2016, 58, 759-768.	0.3	0
344	Effect of solution and apparatus parameters on the morphology and size of electrosprayed PLGA microparticles. <i>Fibers and Polymers</i> , 2016, 17, 1806-1819.	1.1	22
345	Preparation of Polymer Nanoparticles by the Emulsification-Solvent Evaporation Method: From Vanderhoff's Pioneer Approach to Recent Adaptations. , 2016, , 87-121.		11
346	Polymeric nanoparticles containing diazepam: preparation, optimization, characterization, in-vitro drug release and release kinetic study. <i>Nano Convergence</i> , 2016, 3, 3.	6.3	136
347	The Use of Nanoparticles for Antimicrobial Delivery. , 2016, , 453-487.		2
348	Biocompatibility and safety of PLA and its copolymers. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 153-162.	6.6	412
349	Nebulizable colloidal nanoparticles co-encapsulating a COX-2 inhibitor and a herbal compound for treatment of lung cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 103, 1-12.	2.0	69
350	Enhanced efficacy and a better pharmacokinetic profile of tamoxifen employing polymeric micelles. <i>RSC Advances</i> , 2016, 6, 53351-53357.	1.7	19

#	ARTICLE	IF	CITATIONS
351	Biodegradable and biocompatible temperature sensitive triblock copolymer hydrogels as draw agents for forward osmosis. Separation and Purification Technology, 2016, 168, 83-92.	3.9	32
352	Mechanical properties and osteogenic potential of hydroxyapatite-PLGA-collagen biomaterial for bone regeneration. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 1139-1154.	1.9	26
353	Micro-precise spatiotemporal delivery system embedded in 3D printing for complex tissue regeneration. Biofabrication, 2016, 8, 025003.	3.7	91
354	Motionless Electrohydrodynamic (EHD) Printing of Biodegradable Polymer Micro Patterns. Microelectronic Engineering, 2016, 161, 43-51.	1.1	18
355	Preparation and Characterization of Polymeric Nanoparticles: An Interdisciplinary Experiment. Journal of Chemical Education, 2016, 93, 1446-1451.	1.1	37
356	Microneedle arrays as transdermal and intradermal drug delivery systems: Materials science, manufacture and commercial development. Materials Science and Engineering Reports, 2016, 104, 1-32.	14.8	582
357	Dry powder inhalable formulations for anti-tubercular therapy. Advanced Drug Delivery Reviews, 2016, 102, 83-101.	6.6	60
358	Generation of cortical neurons from human induced-pluripotent stem cells by biodegradable polymeric microspheres loaded with priming factors. Biomedical Materials (Bristol), 2016, 11, 025011.	1.7	11
359	5-Fluorouracil microencapsulation and impregnation in hyaluronic acid hydrogel as composite drug delivery system for ocular fibrosis. Cogent Medicine, 2016, 3, 1182108.	0.7	5
360	Biomedical applications of SPION@APTES@PEG-folic acid@carboxylated quercetin nanodrug on various cancer cells. Applied Surface Science, 2016, 378, 572-581.	3.1	39
361	Rifapentine-loaded PLGA microparticles for tuberculosis inhaled therapy: Preparation and in vitro aerosol characterization. European Journal of Pharmaceutical Sciences, 2016, 88, 1-11.	1.9	42
362	Protective T Cell and Antibody Immune Responses against Hepatitis C Virus Achieved Using a Biopolyester-Bead-Based Vaccine Delivery System. Vaccine Journal, 2016, 23, 370-378.	3.2	33
363	PLA composites: From production to properties. Advanced Drug Delivery Reviews, 2016, 107, 17-46.	6.6	651
364	Nanoparticles and DNA – a powerful and growing functional combination in bionanotechnology. Nanoscale, 2016, 8, 9037-9095.	2.8	181
365	Quercetin-loaded poly (lactic-co-glycolic acid)- α -tocopheryl polyethylene glycol 1000 succinate nanoparticles for the targeted treatment of liver cancer. Drug Delivery, 2016, 23, 3307-3318.	2.5	53
366	Biomedical therapy using synthetic WKYMVm hexapeptide. Organogenesis, 2016, 12, 53-60.	0.4	9
367	Subcutaneously Administered Ultrafine PLGA Nanoparticles Containing Doxycycline Hydrochloride Target Lymphatic Filarial Parasites. Molecular Pharmaceutics, 2016, 13, 2084-2094.	2.3	36
368	Poly (lactic acid)-based biomaterials for orthopaedic regenerative engineering. Advanced Drug Delivery Reviews, 2016, 107, 247-276.	6.6	342

#	ARTICLE	IF	CITATIONS
369	A review of the applications of data mining and machine learning for the prediction of biomedical properties of nanoparticles. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 132, 93-103.	2.6	89
370	Transdermal iontophoresis of flufenamic acid loaded PLGA nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 154-162.	1.9	37
371	Overview of Polyester Nanosystems for Nasal Administration. , 2016, , 291-351.		1
372	Building the design, translation and development principles of polymeric nanomedicines using the case of clinically advanced poly(lactide(glycolide))â€“poly(ethylene glycol) nanotechnology as a model: An industrial viewpoint. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 289-332.	6.6	33
373	Transient materials from thermally-sensitive polycarbonates and polycarbonate nanocomposites. <i>Polymer</i> , 2016, 101, 59-66.	1.8	19
374	Polypyrrole coated PLGA coreâ€“shell nanoparticles for drug delivery and photothermal therapy. <i>RSC Advances</i> , 2016, 6, 84269-84275.	1.7	16
375	Approaches for building bioactive elements into synthetic scaffolds for bone tissue engineering. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6773-6786.	2.9	49
376	The effect of particle size on the in vivo degradation of poly(d,l-lactide-co-glycolide)/Î±-tricalcium phosphate micro- and nanocomposites. <i>Acta Biomaterialia</i> , 2016, 45, 340-348.	4.1	21
377	Fluorescent, online monitoring of PLGA degradation for regenerative medicine applications. <i>RSC Advances</i> , 2016, 6, 44364-44370.	1.7	11
378	Polysorbate-80-coated, polymeric curcumin nanoparticles for in vivo anti-depressant activity across BBB and envisaged biomolecular mechanism of action through a proposed pharmacophore model. <i>Journal of Microencapsulation</i> , 2016, 33, 646-655.	1.2	18
379	Anti-infective efficacy, cytocompatibility and biocompatibility of a 3D-printed osteoconductive composite scaffold functionalized with quaternized chitosan. <i>Acta Biomaterialia</i> , 2016, 46, 112-128.	4.1	128
380	Albiglutide: a unique GLP-1 receptor agonist. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1557-1569.	1.4	16
381	Poly(lactic-co-glycolic acid) (PLGA) as Ion-Conducting Polymer for Biodegradable Light-Emitting Electrochemical Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 7050-7055.	3.2	46
382	Phase-changeable and bubble-releasing implants for highly efficient HIFU-responsive tumor surgery and chemotherapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7368-7378.	2.9	36
383	Effects of the molecular weight of PLGA on degradation and drug release in vitro from an mPEG-PLGA nanocarrier. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 848-853.	1.3	13
385	Study of stability and biophysical characterization of ranibizumab and aflibercept. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 156-167.	2.0	36
386	Postpolymerization Modifications of Alkeneâ€“Functional Polycarbonates for the Development of Advanced Materials Biomaterials. <i>Macromolecular Bioscience</i> , 2016, 16, 1762-1775.	2.1	34
387	Macrophage-targeted chitosan anchored PLGA nanoparticles bearing doxorubicin and amphotericin B against visceral leishmaniasis. <i>RSC Advances</i> , 2016, 6, 71705-71718.	1.7	39

#	ARTICLE	IF	CITATIONS
388	Recent progress in nanomaterials for gene delivery applications. <i>Biomaterials Science</i> , 2016, 4, 1291-1309.	2.6	183
389	Design and strategies for bile acid mediated therapy and imaging. <i>RSC Advances</i> , 2016, 6, 73986-74002.	1.7	47
390	Overview of Methods of Making Polyester Nano- and Microparticulate Systems for Drug Delivery. , 2016, , 81-123.		1
391	Engineered PLGA Nanosystems for Enhanced Blood Compatibility. , 2016, , 213-242.		0
392	Label-Free Ferrocene-Loaded Nanocarrier Engineering for In Vivo Cochlear Drug Delivery and Imaging. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3162-3171.	1.6	15
393	Potential of surface-eroding poly(ethylene carbonate) for drug delivery to macrophages. <i>International Journal of Pharmaceutics</i> , 2016, 511, 814-820.	2.6	7
394	Counter-ion complexes for enhanced drug loading in nanocarriers: Proof-of-concept and beyond. <i>International Journal of Pharmaceutics</i> , 2016, 511, 994-1001.	2.6	20
395	Biomimetic Porous PLGA Scaffolds Incorporating Decellularized Extracellular Matrix for Kidney Tissue Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21145-21154.	4.0	74
396	Small Players Ruling the Hard Game: siRNA in Bone Regeneration. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 475-487.	3.1	22
397	Collagen hydrogels strengthened by biodegradable meshes are a basis for dermo-epidermal skin grafts intended to reconstitute human skin in a one-step surgical intervention. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 81-91.	1.3	27
398	T7 Peptide-Functionalized PEG-PLGA Micelles Loaded with Carmustine for Targeting Therapy of Glioma. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27465-27473.	4.0	77
399	PLGA nanoparticles for peroral delivery: How important is pancreatic digestion and can we control it?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 32-40.	2.0	12
400	Molecular and morphological characterization of poly(L-lactic acid-co-glycolic acid) P(L-LA/GA) copolymers prepared by Azeotropic distillation. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	2
401	Development and in vivo safety assessment of tenofovir-loaded nanoparticles-in-film as a novel vaginal microbicide delivery system. <i>Acta Biomaterialia</i> , 2016, 44, 332-340.	4.1	63
402	Development and characterization of polo-like kinase 2 loaded nanoparticles-A novel strategy for (serine-129) phosphorylation of alpha-synuclein. <i>International Journal of Pharmaceutics</i> , 2016, 514, 142-149.	2.6	14
403	Auranofin-loaded nanoparticles as a new therapeutic tool to fight streptococcal infections. <i>Scientific Reports</i> , 2016, 6, 19525.	1.6	31
404	A Novel Stable Crystalline Triamcinolone Acetonide-loaded PLGA Microsphere for Prolonged Release After Intra-articular Injection. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1496-1500.	1.0	6
405	Synthesis, characterization and curing optimization of a biobased thermosetting resin from xylitol and lactic acid. <i>European Polymer Journal</i> , 2016, 83, 344-358.	2.6	23

#	ARTICLE	IF	CITATIONS
406	Preparation and characterization of biodegradable polyhydroxybutyrate-co-hydroxyvalerate/polyethylene glycol-based microspheres. International Journal of Pharmaceutics, 2016, 513, 49-61.	2.6	21
407	Low viscosity-PLGA scaffolds by compressed CO ₂ foaming for growth factor delivery. RSC Advances, 2016, 6, 70510-70519.	1.7	14
408	Development and evaluation of olmesartan medoxomil loaded PLGA nanoparticles. Materials Research Innovations, 2016, 20, 193-197.	1.0	16
409	Polymeric nanoparticles assembled with microfluidics for drug delivery across the blood-brain barrier. European Physical Journal: Special Topics, 2016, 225, 779-795.	1.2	19
410	Injectable formulations of poly(lactic acid) and its copolymers in clinical use. Advanced Drug Delivery Reviews, 2016, 107, 213-227.	6.6	122
411	Rapidly Biodegrading PLGA-Polyurethane Fibers for Sustained Release of Physicochemically Diverse Drugs. ACS Biomaterials Science and Engineering, 2016, 2, 1595-1607.	2.6	26
412	Nanoencapsulation of essential oils for sustained release: application as therapeutics and antimicrobials. , 2016, , 641-672.		12
413	Application of nanomedicine for crossing the blood-brain barrier: Theranostic opportunities in multiple sclerosis. Journal of Immunotoxicology, 2016, 13, 603-619.	0.9	38
414	A novel strategy for low level laser-induced plasmonic photothermal therapy: the efficient bactericidal effect of biocompatible AuNPs@ (PNIPAAm-co-PDMAEMA, PLGA and chitosan). RSC Advances, 2016, 6, 110499-110510.	1.7	16
415	Di-Block PLCL and Tri-Block PLCLG Matrix Polymeric Nanoparticles Enhanced the Anticancer Activity of Loaded 5-Fluorouracil. IEEE Transactions on Nanobioscience, 2016, 15, 739-747.	2.2	12
416	Laser-triggered release of encapsulated molecules from polylactic-co-glycolic acid microcapsules. Journal of Biomedical Optics, 2016, 21, 085003.	1.4	2
417	Drug-eluting coating of ginsenoside Rg1 and Re incorporated poly(lactic-co-glycolic acid) on stainless steel 316L: Physicochemical and drug release analyses. International Journal of Pharmaceutics, 2016, 515, 460-466.	2.6	13
418	Encapsulation-free controlled release: Electrostatic adsorption eliminates the need for protein encapsulation in PLGA nanoparticles. Science Advances, 2016, 2, e1600519.	4.7	122
419	Microparticles to enhance delivery of drugs and growth factors into wound sites. Therapeutic Delivery, 2016, 7, 711-732.	1.2	13
420	Griffithsin-Modified Electrospun Fibers as a Delivery Scaffold To Prevent HIV Infection. Antimicrobial Agents and Chemotherapy, 2016, 60, 6518-6531.	1.4	36
421	Concurrent Chemotherapy of Malignant Glioma in Rats by Using Multidrug-Loaded Biodegradable Nanofibrous Membranes. Scientific Reports, 2016, 6, 30630.	1.6	17
422	Thermosensitive folic acid-targeted poly (ethylene-co-vinyl alcohol) hemisuccinate polymeric nanoparticles for delivery of epirubicin to breast cancer cells. Iranian Polymer Journal (English) Tj ETQq0 0 0 rgBT /Overlock 10 of 50 97 T		
423	Aqueous Two Phase System Assisted Self-Assembled PLGA Microparticles. Scientific Reports, 2016, 6, 27736.	1.6	18

#	ARTICLE	IF	CITATIONS
424	Angiogenic microspheres promote neural regeneration and motor function recovery after spinal cord injury in rats. <i>Scientific Reports</i> , 2016, 6, 33428.	1.6	64
425	Use of Rabbit Eyes in Pharmacokinetic Studies of Intraocular Drugs. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	26
426	Sustained Administration of β -cell Mitogens to Intact Mouse Islets <i>Ex Vivo</i> Using Biodegradable Poly(lactic-co-glycolic acid) Microspheres. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	2
427	Effects of surface area to volume ratio of PLGA scaffolds with different architectures on scaffold degradation characteristics and drug release kinetics. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1202-1211.	2.1	40
428	Modulation of Immune Responses by Particulate Materials. <i>Advanced Materials</i> , 2016, 28, 5525-5541.	11.1	66
429	Magnetic hyperthermia efficiency and $^1\text{H-NMR}$ relaxation properties of iron oxide/paclitaxel-loaded PLGA nanoparticles. <i>Nanotechnology</i> , 2016, 27, 285104.	1.3	24
430	Modification of PDMS to fabricate PLGA microparticles by a double emulsion method in a single microfluidic device. <i>Lab on A Chip</i> , 2016, 16, 2596-2600.	3.1	25
431	Development of a reactive oxygen species (ROS)-responsive nanoplatform for targeted oral cancer therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4675-4682.	2.9	41
432	Intracellular release of rapamycin from poly (lactic acid) nanospheres modifies autophagy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1291-1302.	1.9	4
433	Low-Temperature Processable Block Copolymers That Preserve the Function of Blended Proteins. <i>Biomacromolecules</i> , 2016, 17, 2466-2471.	2.6	13
434	Preparation of drug-in-cyclodextrin-in-liposomes at a large scale using a membrane contactor: Application to trans -anethole. <i>Carbohydrate Polymers</i> , 2016, 154, 276-286.	5.1	24
435	Recent advances in thromboresistant and antimicrobial polymers for biomedical applications: just say yes to nitric oxide (NO). <i>Biomaterials Science</i> , 2016, 4, 1161-1183.	2.6	197
436	Clinical use of the resorbable bioscaffold poly lactic co-glycolic acid (PLGA) in post-extraction socket for maintaining the alveolar height: A prospective study. <i>Journal of Oral Biology and Craniofacial Research</i> , 2016, 6, 173-178.	0.8	6
437	PLA micro- and nano-particles. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 176-191.	6.6	241
438	Biomaterials for hollow organ tissue engineering. <i>Fibrogenesis and Tissue Repair</i> , 2016, 9, 3.	3.4	34
439	Controlled biodegradation of polymers using nanoparticles and its application. <i>RSC Advances</i> , 2016, 6, 67449-67480.	1.7	62
440	PLA/Pluronic [®] nanoparticles as potential oral delivery systems: Preparation, colloidal and chemical stability, and loading capacity. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	10
441	Biodegradable intranasal nanoparticulate drug delivery system of risedronate sodium for osteoporosis. <i>Drug Delivery</i> , 2016, 23, 2428-2438.	2.5	22

#	ARTICLE	IF	CITATIONS
442	Ionically Cross-Linked Polymer Networks for the Multiple-Month Release of Small Molecules. ACS Applied Materials & Interfaces, 2016, 8, 4323-4335.	4.0	25
443	HER2 Targeted Breast Cancer Therapy with Switchable "Off/On"-Multifunctional "Smart"-Magnetic Polymer Core-Shell Nanocomposites. ACS Applied Materials & Interfaces, 2016, 8, 2262-2279.	4.0	46
444	A photoactivable multi-inhibitor nanoliposome for tumour control and simultaneous inhibition of treatment escape pathways. Nature Nanotechnology, 2016, 11, 378-387.	15.6	201
445	Synthetic Biomaterials from Metabolically Derived Synthons. Chemical Reviews, 2016, 116, 2664-2704.	23.0	61
446	Strategies for encapsulation of small hydrophilic and amphiphilic drugs in PLGA microspheres: State-of-the-art and challenges. International Journal of Pharmaceutics, 2016, 499, 358-367.	2.6	207
447	Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. Water Research, 2016, 92, 22-37.	5.3	289
448	Impact of PEG and PEG- b -PAGE modified PLGA on nanoparticle formation, protein loading and release. International Journal of Pharmaceutics, 2016, 500, 187-195.	2.6	36
449	Microfluidic interactions between red blood cells and drug carriers by image analysis techniques. Medical Engineering and Physics, 2016, 38, 17-23.	0.8	20
450	Anti-Toxoplasma activity and impact evaluation of lyophilization, hot molding process, and gamma-irradiation techniques on CLH-PLGA intravitreal implants. Journal of Materials Science: Materials in Medicine, 2016, 27, 10.	1.7	9
451	A facile electrospinning method to fabricate polylactide/graphene/MWCNTs nanofiber membrane for tissues scaffold. Applied Surface Science, 2016, 362, 163-168.	3.1	20
452	Drug delivery to macrophages: Challenges and opportunities. Journal of Controlled Release, 2016, 240, 202-211.	4.8	96
453	Recent progress in applications of nanoparticles in fish medicine: A review. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 701-710.	1.7	150
454	Polymers with Nano-Encapsulated Functional Polymers. , 2016, , 125-154.		6
455	Neuronal Uptake and Neuroprotective Properties of Curcumin-Loaded Nanoparticles on SK-N-SH Cell Line: Role of Poly(lactide-co-glycolide) Polymeric Matrix Composition. Molecular Pharmaceutics, 2016, 13, 391-403.	2.3	53
456	Hydrolytic stability of end-linked hydrogels from PLGA-PEG-PLGA macromonomers terminated by itaconyl groups. RSC Advances, 2016, 6, 16808-16816.	1.7	14
457	Crosslinked polymer embedded Cu/Ag for comparative drug adsorption and kinetics evaluation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 285-293.	1.8	3
458	Effect of dual growth factor delivery using poly(lactic-co-glycolic acid) mesh on neovascularization in a mouse skin flap model. Macromolecular Research, 2016, 24, 385-391.	1.0	3
459	Gentamicin-loaded poly(lactic-co-glycolic acid) microparticles for the prevention of maxillofacial and orthopedic implant infections. Materials Science and Engineering C, 2016, 64, 108-116.	3.8	27

#	ARTICLE	IF	CITATIONS
460	Disposition and safety of inhaled biodegradable nanomedicines: Opportunities and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1703-1724.	1.7	67
461	Molecular Dynamic Simulation of Oxaliplatin Diffusion in Poly(lactic acid-co-glycolic acid). Part A: Parameterization and Validation of the Force-Field CVFF. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 45-62.	0.6	34
462	Bioresorbable vascular scaffolds: Biodegradation, drug delivery and vascular remodeling. <i>Pharmacological Research</i> , 2016, 107, 163-171.	3.1	60
463	Development and assessment of countermeasure formulations for treatment of lung injury induced by chlorine inhalation. <i>Toxicology and Applied Pharmacology</i> , 2016, 298, 9-18.	1.3	16
464	Recent advances on biocompatible and biodegradable nanoparticles as gene carriers. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 771-785.	1.4	71
465	Development and Evaluation of Biodegradable Particles Coloaded With Antigen and the Toll-Like Receptor Agonist, Pentaerythritol Lipid A, as a Cancer Vaccine. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1173-1179.	1.6	20
466	Potential of the isolated lung technique for the examination of sildenafil absorption from lung-delivered poly(lactide-co-glycolide) microparticles. <i>Journal of Controlled Release</i> , 2016, 226, 15-20.	4.8	15
467	RNAi nanomaterials targeting immune cells as an anti-tumor therapy: the missing link in cancer treatment?. <i>Materials Today</i> , 2016, 19, 29-43.	8.3	31
468	Degradable Controlled-Release Polymers and Polymeric Nanoparticles: Mechanisms of Controlling Drug Release. <i>Chemical Reviews</i> , 2016, 116, 2602-2663.	23.0	2,018
469	Tailoring the degradation rate and release kinetics from poly(galactitol sebacate) by blending with chitosan, alginate or ethyl cellulose. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1591-1602.	3.6	16
470	Optimization and development of Nisoldipine nano-bioenhancers by novel orthogonal array (L27) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50	3.6	12
471	Ensemble of Heterogeneous Flexible Neural Tree for the Approximation and Feature-Selection of Poly (Lactic-co-glycolic Acid) Micro- and Nanoparticle. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 155-165.	0.5	4
472	Tumor acidity-sensitive linkage-bridged block copolymer for therapeutic siRNA delivery. <i>Biomaterials</i> , 2016, 88, 48-59.	5.7	98
473	Review of Multifarious Applications of Poly (Lactic Acid). <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1057-1075.	1.9	108
474	One-step fermentative production of poly(lactate-co-glycolate) from carbohydrates in <i>Escherichia coli</i> . <i>Nature Biotechnology</i> , 2016, 34, 435-440.	9.4	182
475	Nanotechnology approaches for skin wound regeneration using drug-delivery systems. , 2016, , 31-55.		10
476	Biodegradable polyesters based on star-shaped lactic acid oligomers. <i>Polymer Degradation and Stability</i> , 2016, 132, 202-212.	2.7	5
477	Multi-scale modeling of polymer-drug interactions and their impact on the structural evolutions in PLGA-tetracycline films. <i>Polymer</i> , 2016, 84, 121-131.	1.8	13

#	ARTICLE	IF	CITATIONS
478	PH sensitive mesoporous materials for immediate or controlled release of NSAID. <i>Microporous and Mesoporous Materials</i> , 2016, 224, 190-200.	2.2	20
479	Hydroxyapatite mineral tubes developed for the loading and release of biological proteins. <i>Materials Letters</i> , 2016, 167, 170-174.	1.3	4
480	Heat-Shock Protein 90â€“Targeted Nano Anticancer Therapy. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1454-1466.	1.6	7
481	Fluorescence imaging enabled poly(lactide-co-glycolide). <i>Acta Biomaterialia</i> , 2016, 29, 307-319.	4.1	40
482	Biomaterials approaches to treating implant-associated osteomyelitis. <i>Biomaterials</i> , 2016, 81, 58-71.	5.7	248
483	Synthesis and characterization of magnesium gluconate contained poly(lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Technology, 2016, 203, 59-66.	1.7	9
484	Tunable Release of Multiclass Anti-HIV Drugs that are Water-Soluble and Loaded at High Drug Content in Polyester Blended Electrospun Fibers. <i>Pharmaceutical Research</i> , 2016, 33, 125-136.	1.7	76
485	PLGA-based nanoparticles: A new paradigm in biomedical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 30-40.	5.8	206
486	Poly(butylene succinate)-based polyesters for biomedical applications: A review. <i>European Polymer Journal</i> , 2016, 75, 431-460.	2.6	272
487	Marbofloxacin-encapsulated microparticles provide sustained drug release for treatment of veterinary diseases. <i>Materials Science and Engineering C</i> , 2016, 60, 511-517.	3.8	8
488	Nanoencapsulation of gallic acid and evaluation of its cytotoxicity and antioxidant activity. <i>Materials Science and Engineering C</i> , 2016, 60, 126-134.	3.8	84
489	Cell penetrating peptide-modified poly(lactic-co-glycolic acid) nanoparticles with enhanced cell internalization. <i>Acta Biomaterialia</i> , 2016, 30, 49-61.	4.1	81
490	Microbial production of lactic acid: the latest development. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 967-977.	5.1	168
491	Synthesis and Characterization of PLGA Shell Microcapsules Containing Aqueous Cores Prepared by Internal Phase Separation. <i>AAPS PharmSciTech</i> , 2016, 17, 891-897.	1.5	29
492	Optimizing the release process and modelling of in vitro release data of cis -dichlorodiamminoplatinum (II) encapsulated into poly(2-hydroxyethyl methacrylate) nanocarriers. <i>Materials Science and Engineering C</i> , 2016, 58, 852-862.	3.8	12
493	Peptide/protein vaccine delivery system based on PLGA particles. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 806-828.	1.4	163
494	Porous polymer scaffold for on-site delivery of stem cells â€“ Protects from oxidative stress and potentiates wound tissue repair. <i>Biomaterials</i> , 2016, 77, 1-13.	5.7	76
495	Nanoparticle facilitated inhalational delivery of erythropoietin receptor cDNA protects against hyperoxic lung injury. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 811-821.	1.7	29

#	ARTICLE	IF	CITATIONS
496	A poly(ether-ester) copolymer for the preparation of nanocarriers with improved degradation and drug delivery kinetics. <i>Materials Science and Engineering C</i> , 2016, 59, 488-499.	3.8	7
497	Enhanced osseous integration of human trabecular allografts following surface modification with bioactive lipids. <i>Drug Delivery and Translational Research</i> , 2016, 6, 96-104.	3.0	11
498	Synthesis and characterization of the antitubercular phenazine lapazine and development of PLGA and PCL nanoparticles for its entrapment. <i>Materials Science and Engineering C</i> , 2016, 58, 458-466.	3.8	29
499	Electrospinning of PLGA/gum tragacanth nanofibers containing tetracycline hydrochloride for periodontal regeneration. <i>Materials Science and Engineering C</i> , 2016, 58, 521-531.	3.8	160
500	Thermally processed polymeric microparticles for year-long delivery of dexamethasone. <i>Materials Science and Engineering C</i> , 2016, 58, 595-600.	3.8	9
501	The effects of synthetic and natural scaffolds on viability and proliferation of adipose-derived stem cells. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2016, 9, 32-43.	1.1	17
502	Characteristics, interactions and coating adherence of heterogeneous polymer/drug coatings for biomedical devices. <i>Materials Science and Engineering C</i> , 2016, 59, 102-108.	3.8	15
503	Low-intensity focused ultrasound mediated localized drug delivery for liver tumors in rabbits. <i>Drug Delivery</i> , 2016, 23, 2280-2289.	2.5	35
505	Apelinergic system in endothelial cells and its role in angiogenesis in myocardial ischemia. <i>Vascular Pharmacology</i> , 2016, 76, 1-10.	1.0	27
506	Effects of gatifloxaine content in gatifloxacin-loaded PLGA and β -tricalcium phosphate composites on efficacy in treating osteomyelitis. <i>Odontology / the Society of the Nippon Dental University</i> , 2016, 104, 105-113.	0.9	8
507	Manufacture, Characterization, and Release Profiles of Insulin-Loaded Mesoporous PLGA Microspheres. <i>Materials and Manufacturing Processes</i> , 2016, 31, 1061-1065.	2.7	7
508	Controlled initial surge despite high drug fraction and high solubility. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 35-44.	1.1	2
509	Tunable release of ophthalmic therapeutics from injectable, resorbable, thermoresponsive copolymer scaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 53-62.	1.6	6
510	A bacterial biofilm-induced oral osteolytic infection can be successfully treated by immunotargeting an extracellular nucleoid-associated protein. <i>Molecular Oral Microbiology</i> , 2017, 32, 74-88.	1.3	42
511	Evaluation of anti-cancer activity of PLGA nanoparticles containing crocetin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 955-960.	1.9	52
512	Hot Melt Extrusion for Sustained Protein Release: Matrix Erosion and In Vitro Release of PLGA-Based Implants. <i>AAPS PharmSciTech</i> , 2017, 18, 15-26.	1.5	57
513	Biomaterials for Enhancing CNS Repair. <i>Translational Stroke Research</i> , 2017, 8, 57-64.	2.3	29
514	Controlled and Sequential Delivery of Fluorophores from 3D Printed Alginate-PLGA Tubes. <i>Annals of Biomedical Engineering</i> , 2017, 45, 297-305.	1.3	46

#	ARTICLE	IF	CITATIONS
515	Polymer degradation and drug delivery in PLGA-based drug polymer applications: A review of experiments and theories. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 1692-1716.	1.6	278
516	Biodegradable composite scaffolds of poly(lactic-co-glycolic acid) 85:15 and nano-hydroxyapatite with acidic microclimate controlling additive. <i>Polymer Composites</i> , 2017, 38, 1175-1182.	2.3	4
517	Synergetic effect of 3,4-dihydroxy-L-phenylalanine-modified poly(lactic-co-glycolic acid) nanopatterned patch with fibroblast growth factor-2 for skin wound regeneration. , 2017, 105, 594-604.		7
518	Biodegradable nitric oxide precursor-loaded micro- and nanoparticles for the treatment of <i>Staphylococcus aureus</i> biofilms. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1005-1014.	2.9	25
519	Control-released basic fibroblast growth factor-loaded poly-lactic-co-glycolic acid microspheres promote sciatic nerve regeneration in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 429-436.	0.8	17
520	Injection of SDF-1 loaded nanoparticles following traumatic brain injury stimulates neural stem cell recruitment. <i>International Journal of Pharmaceutics</i> , 2017, 519, 323-331.	2.6	40
521	Biocompatible polymersomes-based cancer theranostics: Towards multifunctional nanomedicine. <i>International Journal of Pharmaceutics</i> , 2017, 519, 287-303.	2.6	85
522	Biodistribution of orally administered poly(lactic-co-glycolic) acid nanoparticles for 7 days followed by 21 day recovery in F344 rats. <i>NanoImpact</i> , 2017, 5, 1-5.	2.4	4
523	Additive manufacturing of hydrogel-based materials for next-generation implantable medical devices. <i>Science Robotics</i> , 2017, 2, .	9.9	131
524	Star-shaped lactic acid based systems and their thermosetting resins; synthesis, characterization, potential opportunities and drawbacks. <i>European Polymer Journal</i> , 2017, 87, 360-379.	2.6	33
525	Surface modification of PLGA nanoparticles to deliver nitric oxide to inhibit <i>Escherichia coli</i> growth. <i>Applied Surface Science</i> , 2017, 401, 162-171.	3.1	11
526	Multiphase microfluidic synthesis of micro- and nanostructures for pharmaceutical applications. <i>Chemical Engineering Science</i> , 2017, 169, 78-96.	1.9	86
527	Fabrication and characterization of shape memory polymers based bioabsorbable biomedical drug eluting stent. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1740-1750.	1.9	16
528	Sinonasal Delivery of Resveratrol via Mucoadhesive Nanostructured Microparticles in a Nasal Polyp Mouse Model. <i>Scientific Reports</i> , 2017, 7, 40249.	1.6	25
529	New scaffolds encapsulating TGF- β 3/BMP-7 combinations driving strong chondrogenic differentiation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 114, 69-78.	2.0	43
530	Tailoring the delivery of therapeutic ions from bioactive scaffolds while inhibiting their apatite nucleation: a coaxial electrospinning strategy for soft tissue regeneration. <i>RSC Advances</i> , 2017, 7, 3992-3999.	1.7	8
531	A small variation in average particle size of PLGA nanoparticles prepared by nanoprecipitation leads to considerable change in nanoparticles' characteristics and efficacy of intracellular delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1657-1664.	1.9	59
532	Surface modification of PLGA microspheres with gelatine methacrylate: Evaluation of adsorption, entrapment, and oxygen plasma treatment approaches. <i>Acta Biomaterialia</i> , 2017, 53, 450-459.	4.1	20

#	ARTICLE	IF	CITATIONS
533	Nonwoven Polymer Nanofiber Coatings That Inhibit Quorum Sensing in <i>Staphylococcus aureus</i> : Toward New Nonbactericidal Approaches to Infection Control. <i>ACS Infectious Diseases</i> , 2017, 3, 271-280.	1.8	27
534	Design of a Bioabsorbable Multilayered Patch for Esophagus Tissue Engineering. <i>Macromolecular Bioscience</i> , 2017, 17, 1600426.	2.1	14
535	Encapsulation of passion fruit seed oil by means of supercritical antisolvent process. <i>Journal of Supercritical Fluids</i> , 2017, 129, 96-105.	1.6	28
536	hiPSC-derived retinal ganglion cells grow dendritic arbors and functional axons on a tissue-engineered scaffold. <i>Acta Biomaterialia</i> , 2017, 54, 117-127.	4.1	52
537	Cartilage suspension using a poly (lactic-co-glycolic) acid system. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 937-945.	0.5	2
538	Solvent removal precipitation based in situ forming implant for controlled drug delivery in periodontitis. <i>Journal of Controlled Release</i> , 2017, 251, 75-81.	4.8	24
539	mZD7349 peptide-conjugated PLGA nanoparticles directed against VCAM-1 for targeted delivery of simvastatin to restore dysfunctional HUVECs. <i>Microvascular Research</i> , 2017, 112, 14-19.	1.1	16
540	Polymer-based drug delivery: the quest for local targeting of inflamed intestinal mucosa. <i>Journal of Drug Targeting</i> , 2017, 25, 582-596.	2.1	29
541	Proanthocyanidins-Loaded Nanoparticles Enhance Dentin Degradation Resistance. <i>Journal of Dental Research</i> , 2017, 96, 780-789.	2.5	24
542	Incorporation of Human-Platelet-Derived Growth Factor-BB Encapsulated Poly(lactic-co-glycolic acid) Microspheres into 3D CORAGRAF Enhances Osteogenic Differentiation of Mesenchymal Stromal Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9291-9303.	4.0	15
543	Co-delivery of Doxorubicin Encapsulated PLGA Nanoparticles and Bcl-xL shRNA Using Alkyl-Modified PEI into Breast Cancer Cells. <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 126-136.	1.4	39
544	Molecular weight-dependent degradation and drug release of surface-eroding poly(ethylene Terephthalate) (PET) based microspheres. <i>Journal of Microencapsulation</i> , 2017, 34, 101-110.	0.784314	12
545	3D printing PLGA: a quantitative examination of the effects of polymer composition and printing parameters on print resolution. <i>Biofabrication</i> , 2017, 9, 024101.	3.7	89
546	Application of sustained release microsphere in hypoparathyroidism after thyroid surgery. <i>BIO Web of Conferences</i> , 2017, 8, 01012.	0.1	0
547	Hydrogel-based three-dimensional cell culture for organ-on-a-chip applications. <i>Biotechnology Progress</i> , 2017, 33, 580-589.	1.3	47
548	Six month delivery of GDNF from PLGA/vitamin E biodegradable microspheres after intravitreal injection in rabbits. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 103, 19-26.	1.9	29
549	Intranasal delivery of nanoparticle-based vaccines. <i>Therapeutic Delivery</i> , 2017, 8, 151-167.	1.2	62
550	The Effect of Chrysin Loaded PLGA-PEG on Metalloproteinase Gene Expression in Mouse 4T1 Tumor Model. <i>Drug Research</i> , 2017, 67, 211-216.	0.7	11

#	ARTICLE	IF	CITATIONS
551	Extended pulsated drug release from PLGA-based minirods. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 61.	1.7	3
552	In Vivo Enrichment of Diabetogenic T Cells. <i>Diabetes</i> , 2017, 66, 2220-2229.	0.3	23
553	Enhancing Vascularization through the Controlled Release of Platelet-Derived Growth Factor-BB. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14566-14575.	4.0	30
554	Polycaprolactone-blended gelatin microspheres and their morphological study. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	9
555	Implant compositions for the unidirectional delivery of drugs to the brain. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1421-1429.	0.9	6
556	Engineering the xyloseâ€catabolizing Dahms pathway for production of poly(d â€lactateâ€co â€glycolate) and poly(d â€lactateâ€co â€glycolateâ€co â€d â€2â€hydroxybutyrate) in <i>Escherichia coli</i> . <i>Microbial Biotechnology</i> , 2017, 10, 1353-1364.		35
557	Fabrication, characterization, and biological evaluation of anti-HER2 indocyanine green-doxorubicin-encapsulated PEG-b-PLGA copolymeric nanoparticles for targeted photochemotherapy of breast cancer cells. <i>Scientific Reports</i> , 2017, 7, 46688.	1.6	49
558	PLLA microcapsules combined with silver nanoparticles and chlorhexidine acetate showing improved antibacterial effect. <i>Materials Science and Engineering C</i> , 2017, 78, 349-353.	3.8	15
559	Chitosan-modified PLGA nanoparticles tagged with 5TR1 aptamer for in vivo tumor-targeted drug delivery. <i>Cancer Letters</i> , 2017, 400, 1-8.	3.2	120
560	Micro-Flow Imaging as a quantitative tool to assess size and agglomeration of PLGA microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 91-104.	2.0	4
561	<i>Biochemicals</i> , 2017, , 141-183.		0
562	Incorporation of well-dispersed calcium phosphate nanoparticles into PLGA electrospun nanofibers to enhance the osteogenic induction potential. <i>RSC Advances</i> , 2017, 7, 23982-23993.	1.7	11
563	PLGA nanoparticles as chlorhexidine-delivery carrier to resin-dentin adhesive interface. <i>Dental Materials</i> , 2017, 33, 830-846.	1.6	42
564	Rational design of nanoparticles towards targeting antigen-presenting cells and improved T cell priming. <i>Journal of Controlled Release</i> , 2017, 258, 182-195.	4.8	79
565	Mechanical and degradation properties of advanced platelet-rich fibrin (A-PRF), concentrated growth factors (CGF), and platelet-poor plasma-derived fibrin (PPTF). <i>International Journal of Implant Dentistry</i> , 2017, 3, 17.	1.1	88
566	Amplified CPEs enhancement of chorioamnion membrane mass transport by encapsulation in nano-sized PLGA particles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 292-299.	2.0	7
567	Recent advances in the use of nanoparticles for allergenâ€specific immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1461-1474.	2.7	58
568	Understanding the effect of magnesium degradation on drug release and anti-proliferation on smooth muscle cells for magnesium-based drug eluting stents. <i>Corrosion Science</i> , 2017, 123, 297-309.	3.0	28

#	ARTICLE	IF	CITATIONS
569	Investigation of nanocarriers and excipients for preparation of nanoembedded microparticles. <i>International Journal of Pharmaceutics</i> , 2017, 526, 300-308.	2.6	11
570	Drug release behavior of hydrophobic drug-loaded poly (lactide-co-glycolide) nanoparticles: Effects of glass transition temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 328-333.	2.3	23
571	Fundamental studies on throughput capacities of hydrodynamic flow-focusing microfluidics for producing monodisperse polymer nanoparticles. <i>Chemical Engineering Science</i> , 2017, 169, 128-139.	1.9	69
572	High-performance green semiconductor devices: materials, designs, and fabrication. <i>Semiconductor Science and Technology</i> , 2017, 32, 063002.	1.0	18
573	Scaffold composed of porous vancomycin-loaded poly(lactide- co -glycolide) microspheres: A controlled-release drug delivery system with shape-memory effect. <i>Materials Science and Engineering C</i> , 2017, 78, 1172-1178.	3.8	39
574	Aptamer Functionalization of Nanosystems for Glioblastoma Targeting through the Blood-Brain Barrier. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4510-4516.	2.9	100
575	Characterization of polylactic co-glycolic acid nanospheres modified with PVA and DDAB. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
576	Next-generation superparamagnetic iron oxide nanoparticles for cancer theranostics. <i>Drug Discovery Today</i> , 2017, 22, 1421-1429.	3.2	113
577	Microfluidic-assisted fabrication of carriers for controlled drug delivery. <i>Lab on A Chip</i> , 2017, 17, 1856-1883.	3.1	183
578	Polymer based microspheres of aceclofenac as sustained release parenterals for prolonged anti-inflammatory effect. <i>Materials Science and Engineering C</i> , 2017, 72, 492-500.	3.8	21
579	Recent advances in aliphatic polyesters for drug delivery applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1446.	3.3	78
580	Development and characterisation of disulfiram-loaded PLGA nanoparticles for the treatment of non-small cell lung cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 224-233.	2.0	50
581	Influence of surface passivation of 2-Methoxyestradiol loaded PLGA nanoparticles on cellular interactions, pharmacokinetics and tumour accumulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 242-249.	2.5	16
582	Poly-l-lactic acid: Pellets to fiber to fused filament fabricated scaffolds, and scaffold weight loss study. <i>Additive Manufacturing</i> , 2017, 16, 167-176.	1.7	30
583	Efficacy of PLGA microparticle-encapsulated formalin-killed <i>Aeromonas hydrophila</i> cells as a single-shot vaccine against <i>A. hydrophila</i> infection. <i>Vaccine</i> , 2017, 35, 3959-3965.	1.7	27
584	Zero order controlled release delivery of cholecalciferol from injectable biodegradable microsphere: In-vitro characterization and in-vivo pharmacokinetic studies. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 78-86.	1.9	31
585	Development of PLGA dry powder microparticles by supercritical CO ₂ -assisted spray-drying for potential vaccine delivery to the lungs. <i>Journal of Supercritical Fluids</i> , 2017, 128, 235-243.	1.6	16
586	Fully Biodegradable Microsupercapacitor for Power Storage in Transient Electronics. <i>Advanced Energy Materials</i> , 2017, 7, 1700157.	10.2	196

#	ARTICLE	IF	CITATIONS
587	Glycosaminoglycan-based resorbable polymer composites in tissue refurbishment. <i>Regenerative Medicine</i> , 2017, 12, 431-457.	0.8	22
588	siRNA-loaded biodegradable nanocarriers for therapeutic MAPK1 silencing against cisplatin-induced ototoxicity. <i>International Journal of Pharmaceutics</i> , 2017, 528, 611-623.	2.6	20
589	Recent advances in nanomedicines for the treatment of rheumatoid arthritis. <i>Biomaterials Science</i> , 2017, 5, 1407-1420.	2.6	100
590	Synthesis and characterization of methacrylated star-shaped poly(lactic acid) employing core molecules with different hydroxyl groups. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45341.	1.3	19
591	Biomaterials based strategies for rotator cuff repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 407-416.	2.5	42
592	Local DNA Repair Inhibition for Sustained Radiosensitization of High-Grade Gliomas. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1456-1469.	1.9	26
593	Inhibition of melanoma metastasis by dual-peptide PLGA NPS. <i>Biopolymers</i> , 2017, 108, e23029.	1.2	18
594	Microfluidic Production of Biodegradable Microcapsules for Sustained Release of Hydrophilic Actives. <i>Small</i> , 2017, 13, 1700646.	5.2	57
595	Cellular Layer-by-Layer Coculture Platform Using Biodegradable, Nanoarchitected Membranes for Stem Cell Therapy. <i>Chemistry of Materials</i> , 2017, 29, 5134-5147.	3.2	16
596	Nanostructured mucoadhesive microparticles to enhance oral drug bioavailability. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 262-269.	2.9	11
597	Effective cell trapping using PDMS microspheres in an acoustofluidic chip. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 347-354.	2.5	9
598	Preparation of Drug-Loaded PLGA-PEG Nanoparticles by Membrane-Assisted Nanoprecipitation. <i>Pharmaceutical Research</i> , 2017, 34, 1296-1308.	1.7	41
599	Retrogradely Transported TrkA Endosomes Signal Locally within Dendrites to Maintain Sympathetic Neuron Synapses. <i>Cell Reports</i> , 2017, 19, 86-100.	2.9	29
600	Producing PLGA fine particles containing high magnetite nanoparticles by using the electrospray technique. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	7
601	Tetracycline hydrochloride-loaded electrospun nanofibers mats based on PVA and chitosan for wound dressing. <i>Materials Science and Engineering C</i> , 2017, 77, 271-281.	3.8	237
602	Design of Insulin-Loaded Nanoparticles Enabled by Multistep Control of Nanoprecipitation and Zinc Chelation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11440-11450.	4.0	28
603	Delivery of doxorubicin-loaded PLGA nanoparticles into U87 human glioblastoma cells. <i>International Journal of Pharmaceutics</i> , 2017, 524, 77-90.	2.6	122
604	Overview of Nanobioceramics. , 2017, , 1-22.		1

#	ARTICLE	IF	CITATIONS
605	Modeling gold nanoparticle-eluting spacer degradation during brachytherapy application with <i>in situ</i> dose painting. <i>British Journal of Radiology</i> , 2017, 90, 20170069.	1.0	6
607	Immobilization of Enzymes on PLGA Submicrometer Particles by Crosslinked Layer-by-Layer Deposition. <i>Macromolecular Bioscience</i> , 2017, 17, 1700015.	2.1	15
608	Encapsulation of TOPO stabilized NaYF ₄ :Er ³⁺ ,Yb ³⁺ nanoparticles in biocompatible nanocarriers: Synthesis, optical properties and colloidal stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 556-563.	2.3	12
609	Effects of physicochemical properties of poly(lactide-co-glycolide) on drug release behavior of hydrophobic drug-loaded nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 771-778.	2.3	32
610	Verapamil eluting stents as a possible treatment for vasospasm after subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 875-879.	2.0	5
611	Evaluation of theranostic nanocarriers for near-infrared imaging and photodynamic therapy on human prostate cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 341-349.	2.5	21
612	Development of biodegradable PLGA nanoparticles surface engineered with hyaluronic acid for targeted delivery of paclitaxel to triple negative breast cancer cells. <i>Materials Science and Engineering C</i> , 2017, 76, 593-600.	3.8	80
613	Preparation and characterization of polymeric nanoparticles surface modified with chitosan for target treatment of colorectal cancer. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 643-649.	3.6	65
614	Cell-Penetrating Cross- β Peptide Assemblies with Controlled Biodegradable Properties. <i>Biomacromolecules</i> , 2017, 18, 27-35.	2.6	13
615	Virus-like particles: Next-generation nanoparticles for targeted therapeutic delivery. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 43-57.	3.9	256
616	Rigidity of polymer micelles affects interactions with tumor cells. <i>Journal of Controlled Release</i> , 2017, 257, 40-50.	4.8	48
617	Nanotized Curcumin and Miltefosine, a Potential Combination for Treatment of Experimental Visceral Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	62
618	A transferrin variant as the targeting ligand for polymeric nanoparticles incorporated in 3-D PLGA porous scaffolds. <i>Materials Science and Engineering C</i> , 2017, 73, 373-380.	3.8	17
619	Enhancing the <i>in vitro</i> anticancer activity of albendazole incorporated into chitosan-coated PLGA nanoparticles. <i>Carbohydrate Polymers</i> , 2017, 159, 39-47.	5.1	84
620	Biodegradable nanoparticle delivery of inactivated swine influenza virus vaccine provides heterologous cell-mediated immune response in pigs. <i>Journal of Controlled Release</i> , 2017, 247, 194-205.	4.8	102
621	Promoting bioengineered tooth innervation using nanostructured and hybrid scaffolds. <i>Acta Biomaterialia</i> , 2017, 50, 493-501.	4.1	31
622	Enhancing Allergen-Presentation Platforms for Sublingual Immunotherapy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 23-31.	2.0	17
623	Preparation of Aqueous Core-Poly(d , l -Lactide- co -Glycolide) Shell Microcapsules With Mononuclear Cores by Internal Phase Separation: Optimization of Formulation Parameters. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1136-1142.	1.6	8

#	ARTICLE	IF	CITATIONS
624	3D nano- and micro-patterning of biomaterials for controlled drug delivery. <i>Therapeutic Delivery</i> , 2017, 8, 15-28.	1.2	13
625	Facile Stem Cell Delivery to Bone Grafts Enabled by Smart Shape Recovery and Stiffening of Degradable Synthetic Periosteal Membranes. <i>Advanced Functional Materials</i> , 2017, 27, 1604784.	7.8	35
626	Thermogelling, ABC Triblock Copolymer Platform for Resorbable Hydrogels with Tunable, Degradation-Mediated Drug Release. <i>Advanced Functional Materials</i> , 2017, 27, 1704107.	7.8	49
627	Pre-clinical evaluation of a therosensitive gel containing epothilone B and mTOR/Hsp90 targeted agents in an ovarian tumor model. <i>Journal of Controlled Release</i> , 2017, 268, 176-183.	4.8	35
628	Targeting tumor associated macrophages: The new challenge for nanomedicine. <i>Seminars in Immunology</i> , 2017, 34, 103-113.	2.7	110
629	Enhanced cell viability in hyaluronic acid coated poly(lactic-co-glycolic acid) porous scaffolds within microfluidic channels. <i>International Journal of Pharmaceutics</i> , 2017, 532, 595-602.	2.6	65
630	Morphology Engineering and Industrial Relevant Device Processing of Light-Emitting Electrochemical Cells. , 2017, , 139-163.		4
631	Sustained antimicrobial activity and reduced toxicity of oxidative biocides through biodegradable microparticles. <i>Acta Biomaterialia</i> , 2017, 64, 301-312.	4.1	10
632	Core/shell microencapsulation of indomethacin/paracetamol by co-axial electrohydrodynamic atomization. <i>Materials and Design</i> , 2017, 136, 204-213.	3.3	26
633	Polymeric scaffolds for three-dimensional culture of nerve cells: a model of peripheral nerve regeneration. <i>MRS Communications</i> , 2017, 7, 391-415.	0.8	18
634	Comparison across Three Hybrid Lipid-Based Drug Delivery Systems for Improving the Oral Absorption of the Poorly Water-Soluble Weak Base Cinnarizine. <i>Molecular Pharmaceutics</i> , 2017, 14, 4008-4018.	2.3	20
635	The combined strategy of mesenchymal stem cells and tissue-engineered scaffolds for spinal cord injury regeneration. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3355-3368.	0.8	34
636	Exploiting homing abilities of cell carriers: Targeted delivery of nanoparticles for cancer therapy. <i>Biochemical Pharmacology</i> , 2017, 145, 18-26.	2.0	25
637	Modern Therapeutic Approaches for Noninfectious Ocular Diseases Involving Inflammation. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700733.	3.9	12
638	Transdermal Delivery of Anti-Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. <i>Small Methods</i> , 2017, 1, 1700269.	4.6	88
639	TiO ₂ Based Nanoplatform for Bimodal Cancer Imaging and NIR-Triggered Chem/Photodynamic/Photothermal Combination Therapy. <i>Chemistry of Materials</i> , 2017, 29, 9262-9274.	3.2	130
640	Microcomputed Tomography Technique for In Vivo Three-Dimensional Fat Tissue Volume Evaluation After Polymer Injection. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 964-970.	1.1	2
641	A pH-sensitive methenamine mandelate-loaded nanoparticle induces DNA damage and apoptosis of cancer cells. <i>Acta Biomaterialia</i> , 2017, 62, 246-256.	4.1	16

#	ARTICLE	IF	CITATIONS
642	Salmon calcitoninâ€¦loaded <scp>PLGA</scp> microspheres/calcium phosphate cement composites for osteoblast proliferation. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45486.	1.3	8
643	DOX-loaded pH-sensitive mesoporous silica nanoparticles coated with PDA and PEG induce pro-death autophagy in breast cancer. <i>RSC Advances</i> , 2017, 7, 39641-39650.	1.7	69
644	Polyethylene Glycol-Poly-Lactide-co-Glycolide Block Copolymer-Based Nanoparticles as a Potential Tool for Off-Label Use of N-Acetylcysteine in the Treatment of Diastrophic Dysplasia. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3631-3641.	1.6	11
645	Design of a multifunctional vanadium pentoxide/polymer biocomposite for implant-coating applications. <i>RSC Advances</i> , 2017, 7, 38647-38658.	1.7	10
646	Dual delivery nanosystem for biomolecules. Formulation, characterization, and in vitro release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 586-595.	2.5	9
647	Control of viscous instability by variation of injection rate in a fluid with time-dependent rheology. <i>Journal of Fluid Mechanics</i> , 2017, 829, 214-235.	1.4	10
648	Single synchronous delivery of FK506-loaded polymeric microspheres with pancreatic islets for the successful treatment of streptozocin-induced diabetes in mice. <i>Drug Delivery</i> , 2017, 24, 1350-1359.	2.5	29
649	Plasma treatment as an efficient tool for controlled drug release from polymeric materials: A review. <i>Journal of Controlled Release</i> , 2017, 266, 57-74.	4.8	70
650	Magnetite/poly(D,L-lactide-co-glycolide) and hydroxyapatite/poly(D,L-lactide-co-glycolide) prepared by w/o/w emulsion technique for drug carrier: physical characteristic of composite nanoparticles. <i>Colloid and Polymer Science</i> , 2017, 295, 2031-2040.	1.0	2
651	Enhanced oral bioavailability of nisoldipine-piperine-loaded poly-lactic-co-glycolic acid nanoparticles. <i>Nanotechnology Reviews</i> , 2017, 6, 517-526.	2.6	7
652	Molecular engineering solutions for therapeutic peptide delivery. <i>Chemical Society Reviews</i> , 2017, 46, 6553-6569.	18.7	103
653	Contact lenses for ophthalmic drug delivery. <i>Australasian journal of optometry, The</i> , 2017, 100, 494-512.	0.6	42
654	In vitro assessment of anti-tumorigenic mechanisms and efficacy of NanoALA, a nanoformulation of aminolevulinic acid designed for photodynamic therapy of cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 62-70.	1.3	3
655	Modeling of the burst release from PLGA micro- and nanoparticles as function of physicochemical parameters and formulation characteristics. <i>International Journal of Pharmaceutics</i> , 2017, 532, 229-240.	2.6	84
656	3D printed TCP-based scaffold incorporating VEGF-loaded PLGA microspheres for craniofacial tissue engineering. <i>Dental Materials</i> , 2017, 33, 1205-1216.	1.6	83
657	Progress in brain targeting drug delivery system by nasal route. <i>Journal of Controlled Release</i> , 2017, 268, 364-389.	4.8	256
658	Development of Porous Hydrogel Scaffolds with Multiple Cues for Liver Tissue Engineering. <i>Regenerative Engineering and Translational Medicine</i> , 2017, 3, 176-191.	1.6	8
659	Therapeutic Role and Drug Delivery Potential of Neuroinflammation as a Target in Neurodegenerative Disorders. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1645-1655.	1.7	16

#	ARTICLE	IF	CITATIONS
660	Construction of a PLGA based, targeted siRNA delivery system for treatment of osteoporosis. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1859-1873.	1.9	17
661	Injectable scaffold materials differ in their cell instructive effects on primary human myoblasts. Journal of Tissue Engineering, 2017, 8, 204173141771767.	2.3	10
663	Neuroprotection in Glaucoma: Animal Models and Clinical Trials. Annual Review of Vision Science, 2017, 3, 91-120.	2.3	78
664	Molecularly imprinted cryogel as a pH-responsive delivery system for doxorubicin. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 502-508.	1.2	27
665	Spatial Analysis of Metal-PLGA Hybrid Microstructures Using 3D SERS Imaging. Advanced Functional Materials, 2017, 27, 1701626.	7.8	37
666	Polymers as drugs-Advances in therapeutic applications of polymer binding agents. Journal of Polymer Science Part A, 2017, 55, 3146-3157.	2.5	33
667	Targeted delivery of Cyclosporine A by polymeric nanocarriers improves the therapy of inflammatory bowel disease in a relevant mouse model. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 361-371.	2.0	30
668	<sc>DNA</sc> origami applications in cancer therapy. Cancer Science, 2017, 108, 1535-1543.	1.7	77
669	Recent applications of PLGA based nanostructures in drug delivery. Colloids and Surfaces B: Biointerfaces, 2017, 159, 217-231.	2.5	431
670	Single oral dose of cannabinoid derivate loaded PLGA nanocarriers relieves neuropathic pain for eleven days. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2623-2632.	1.7	35
671	MDR in cancer: Addressing the underlying cellular alterations with the use of nanocarriers. Pharmacological Research, 2017, 126, 2-30.	3.1	49
672	Core shell lipid-polymer hybrid nanoparticles with combined docetaxel and molecular targeted therapy for the treatment of metastatic prostate cancer. Scientific Reports, 2017, 7, 5901.	1.6	49
673	IgA and IgM protein primarily drive plasma corona-induced adhesion reduction of PLGA nanoparticles in human blood flow. Bioengineering and Translational Medicine, 2017, 2, 180-190.	3.9	21
674	Porous titanium scaffolds with self-assembled micro/nano-hierarchical structure for dual functions of bone regeneration and anti-infection. Journal of Biomedical Materials Research - Part A, 2017, 105, 3482-3492.	2.1	37
675	Particle engineering for intracellular delivery of vancomycin to methicillin-resistant Staphylococcus aureus (MRSA)-infected macrophages. Journal of Controlled Release, 2017, 267, 133-143.	4.8	56
676	Hydrophobic boron compound-loaded poly(l-lactide-co-glycolide) nanoparticles for boron neutron capture therapy. Colloids and Surfaces B: Biointerfaces, 2017, 159, 360-365.	2.5	30
677	Multipurpose tenofovir disoproxil fumarate electrospun fibers for the prevention of HIV-1 and HSV-2 infections in vitro. International Journal of Pharmaceutics, 2017, 531, 118-133.	2.6	18
678	<i>In Vivo</i> Hard and Soft Tissue Response of Two-Dimensional Nanoparticle Incorporated Biodegradable Polymeric Scaffolds. ACS Biomaterials Science and Engineering, 2017, 3, 2533-2541.	2.6	8

#	ARTICLE	IF	CITATIONS
679	Poly(\pm -hydroxy acid) based polymers: A review on material and degradation aspects. <i>Polymer Degradation and Stability</i> , 2017, 144, 520-535.	2.7	71
680	Immunogenicity of the LrrG protein encapsulated in PLGA microparticles in Nile tilapia (<i>Oreochromis Tj</i>). <i>ETQq1 1 0.784314 rgBT /Ove</i>	1.7	2
681	The potential application of strategic released apigenin from polymeric carrier in pulmonary fibrosis. <i>Experimental Lung Research</i> , 2017, 43, 359-369.	0.5	15
682	Bone regeneration from human mesenchymal stem cells on porous hydroxyapatite-PLGA-collagen bioactive polymer scaffolds. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 671-685.	0.4	11
683	Biomedical Applications of Chitosan. , 2017, , 1-12.		0
684	Microfibers as Physiologically Relevant Platforms for Creation of 3D Cell Cultures. <i>Macromolecular Bioscience</i> , 2017, 17, 1700279.	2.1	34
685	A Nanobionic Light-Emitting Plant. <i>Nano Letters</i> , 2017, 17, 7951-7961.	4.5	93
686	Mission ImPOxable – or the unknown utilization of non-toxic poly(2-oxazoline)s as cryoprotectants and surfactants at the same time. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9102-9113.	2.9	11
687	Multifunctional Nanomaterials for Cancer Theranostics. <i>Frontiers in Nanobiomedical Research</i> , 2017, , 227-283.	0.1	0
688	Tailoring Bulk and Surface Composition of Polylactides for Application in Engineering of Skeletal Tissues. <i>Advances in Polymer Science</i> , 2017, , 79-108.	0.4	5
689	Poly(lactic acid) as Biomaterial for Cardiovascular Devices and Tissue Engineering Applications. <i>Advances in Polymer Science</i> , 2017, , 51-77.	0.4	16
690	Chemodrug delivery using integrin-targeted PLGA-Chitosan nanoparticle for lung cancer therapy. <i>Scientific Reports</i> , 2017, 7, 14674.	1.6	88
691	Preparation and Evaluation of Biodegradable Scleral Plug Containing Curcumin in Rabbit Eye. <i>Current Eye Research</i> , 2017, 42, 1597-1603.	0.7	6
692	Development of a novel single-use microneedle design platform for increased patient compliance. <i>Procedia Manufacturing</i> , 2017, 13, 1352-1359.	1.9	4
693	Nano-palladium is a cellular catalyst for in vivo chemistry. <i>Nature Communications</i> , 2017, 8, 15906.	5.8	210
694	The binary complex of poly(PEGMA-co-MAA) hydrogel and PLGA nanoparticles as a novel oral drug delivery system for ibuprofen delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1874-1887.	1.9	14
695	Artificial neural network based particle size prediction of polymeric nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 333-342.	2.0	62
696	Design and optimization of PLGA microparticles for controlled and local delivery of Neuregulin-1 in traumatic spinal cord injury. <i>Journal of Controlled Release</i> , 2017, 261, 147-162.	4.8	33

#	ARTICLE	IF	CITATIONS
697	Preparation and <i>in vitro</i> study of hydrochloric norvancomycin encapsulated poly(<i>D,L</i> -lactide-co-glycolide, PLGA) microspheres for potential use in osteomyelitis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1326-1330.	1.9	10
698	Bioresorbable stents: Current and upcoming bioresorbable technologies. <i>International Journal of Cardiology</i> , 2017, 228, 931-939.	0.8	116
699	Polymeric particle-mediated molecular therapies to treat spinal cord injury. <i>International Journal of Pharmaceutics</i> , 2017, 516, 71-81.	2.6	15
700	Synthetic biodegradable medical polyesters. , 2017, , 79-105.		13
701	Poly(lactide-co-glycolide) nanoparticles embedded in a micropatterned collagen scaffold for neuronal tissue regeneration. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 359-368.	1.8	7
702	Evaluation of poly(lactic-co-glycolic acid) and poly(<i>DL</i> -lactide-co- ϵ -caprolactone) electrospun fibers for the treatment of HSV-2 infection. <i>Materials Science and Engineering C</i> , 2017, 72, 238-251.	3.8	27
703	Electrospun poly-lactide scaffold for the controlled and targeted delivery of a synthetically obtained Diclofenac prodrug to treat actinic keratosis. <i>Acta Biomaterialia</i> , 2017, 52, 187-196.	4.1	19
704	A Functionalized Cyclic Lactide Monomer for Synthesis of Water-Soluble Poly(Lactic Acid) and Amphiphilic Diblock Poly(Lactic Acid). <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600593.	2.0	5
705	High throughput microencapsulation of <i>Bacillus subtilis</i> in semi-permeable biodegradable polymersomes for selenium remediation. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 455-464.	1.7	19
706	Applications of bioresorbable polymers in skin and eardrum. , 2017, , 423-444.		3
707	Induction of specific humoral immune response in mice immunized with ROP18 nanospheres from <i>Toxoplasma gondii</i> . <i>Parasitology Research</i> , 2017, 116, 359-370.	0.6	25
708	Ebola Vaccination Using a DNA Vaccine Coated on PLGA-PLL/PGA Nanoparticles Administered Using a Microneedle Patch. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600750.	3.9	92
709	Cationic functionalized biocompatible polylactide nanoparticles for slow release of proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 513, 442-451.	2.3	17
710	Incorporation of Glycolate Units Promotes Hydrolytic Degradation in Flexible Poly(glycolate-co-3-hydroxybutyrate) Synthesized by Engineered <i>Escherichia coli</i> . <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3058-3063.	2.6	15
711	Delivery of therapeutics with nanoparticles: what's new in cancer immunotherapy?. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1421.	3.3	72
712	A review of semi-synthetic biopolymer complexes: modified polysaccharide nano-carriers for enhancement of oral drug bioavailability. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 283-295.	1.1	30
713	Extended ocular drug delivery systems for the anterior and posterior segments: biomaterial options and applications. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 611-620.	2.4	49
714	A current overview of materials and strategies for potential use in maxillofacial tissue regeneration. <i>Materials Science and Engineering C</i> , 2017, 70, 913-929.	3.8	71

#	ARTICLE	IF	CITATIONS
715	Towards targeted cancer therapy: Aptamer or oncolytic virus?. European Journal of Pharmaceutical Sciences, 2017, 96, 8-19.	1.9	23
716	Synthesis of dual responsive carbohydrate polymer based IPN microbeads for controlled release of anti-HIV drug. Carbohydrate Polymers, 2017, 156, 125-134.	5.1	44
717	Biotechnological Management of Skin Burn Injuries: Challenges and Perspectives in Wound Healing and Sensory Recovery. Tissue Engineering - Part B: Reviews, 2017, 23, 59-82.	2.5	46
718	Formulation and evaluation of injectable <i>in situ</i> forming microparticles for sustained delivery of lornoxicam. Drug Development and Industrial Pharmacy, 2017, 43, 319-328.	0.9	6
719	Production of Adjuvant-Loaded Biodegradable Particles for Use in Cancer Vaccines. Methods in Molecular Biology, 2017, 1494, 201-213.	0.4	9
720	Blu-Ray-based micromechanical characterization platform for biopolymer degradation assessment. Sensors and Actuators B: Chemical, 2017, 241, 1303-1309.	4.0	15
721	The effect of hydroxyapatite particle size on viscoelastic properties and calcium release from a thermosensitive triblock copolymer. Colloid and Polymer Science, 2017, 295, 107-115.	1.0	3
722	The impact of monomer sequence and stereochemistry on the swelling and erosion of biodegradable poly(lactic-co-glycolic acid) matrices. Biomaterials, 2017, 117, 66-76.	5.7	76
723	Degradation behaviors of geometric cues and mechanical properties in a 3D scaffold for tendon repair. Journal of Biomedical Materials Research - Part A, 2017, 105, 1138-1149.	2.1	27
724	Density-Controlled Freestanding Biodegradable Nanopillar Arrays Patterned via Block Copolymer Micelle Lithography. Macromolecular Materials and Engineering, 2017, 302, 1600361.	1.7	4
725	An Enhanced Emtricitabine-Loaded Long-Acting Nanoformulation for Prevention or Treatment of HIV Infection. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	35
726	Osmogenâ€Mediated Oneâ€Step Technique of Fabricating Hollow Microparticles for Encapsulation and Delivery of Bioactive Molecules. Macromolecular Bioscience, 2017, 17, 1600328.	2.1	6
727	A practical comparison of photon correlation and cross-correlation spectroscopy in nanoparticle and microparticle size evaluation. Colloid and Polymer Science, 2017, 295, 67-74.	1.0	4
728	Management of knee osteoarthritis. Current status and future trends. Biotechnology and Bioengineering, 2017, 114, 717-739.	1.7	74
729	Drug-in-cyclodextrin-in-liposomes as a carrier system for volatile essential oil components: Application to anethole. Food Chemistry, 2017, 218, 365-371.	4.2	66
730	Ginseng Encapsulated in Poly (lactic-co-glycolic acid) Microcapsules for Cardiovascular Application. , 2017, , .		1
731	Nanoparticle-based delivery of an anti-proliferative metal chelator to tumor cells. , 2017, 2017, 309-312.		6
732	Bioplastics Biotechnology. , 2017, , 551-567.		0

#	ARTICLE	IF	CITATIONS
733	Controlled Release of Strontium through Neutralization Reaction within a Methoxy(Polyethylene) Tj ETQq0 0 0 rgBT (Overlock 5 10 Tf 50	0.7	5
734	FORMULATION AND EVALUATION OF ISORHAMNETIN LOADED POLY LACTIC-CO-GLYCOLIC ACID NANOPARTICLES. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 177.	0.3	1
735	DEVELOPMENT AND CHARACTERIZATION OF PIPER RETROFRACTUM EXTRACT LOADED MUCOADHESIVE NANOSTRUCTURED LIPID CARRIERS FOR TOPICAL ORAL DRUG DELIVERY. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 79.	0.3	7
736	Thermomechanical Properties of Polylactic Acid-Graphene Composites: A State-of-the-Art Review for Biomedical Applications. Materials, 2017, 10, 748.	1.3	73
737	Biomaterial microlasers implantable in the cornea, skin, and blood. Optica, 2017, 4, 1080.	4.8	64
738	Polymer Design and Development. , 2017, , 295-314.		20
739	Controlled release nutrition delivery based intelligent and targeted nanoparticle. , 2017, , 329-367.		4
740	Development of surface-engineered PLGA nanoparticulate-delivery system of Tet-1-conjugated nattokinase enzyme for inhibition of A β 40 plaques in Alzheimer's disease. International Journal of Nanomedicine, 2017, Volume 12, 8749-8768.	3.3	51
741	Paclitaxel-loaded and A10-3.2 aptamer-targeted poly(lactide-co-glycolic acid) nanobubbles for ultrasound imaging and therapy of prostate cancer. International Journal of Nanomedicine, 2017, Volume 12, 5313-5330.	3.3	71
742	Poly(Lactic-co-Glycolic Acid): Applications and Future Prospects for Periodontal Tissue Regeneration. Polymers, 2017, 9, 189.	2.0	141
743	Aptamer-Based Therapeutic Approaches to Target Cancer Stem Cells. Theranostics, 2017, 7, 3948-3961.	4.6	51
744	Fabrication of Multi-Layered Lidocaine and Epinephrine-Eluting PLGA/Collagen Nanofibers: In Vitro and In Vivo Study. Polymers, 2017, 9, 416.	2.0	15
745	The Use of Nanotechnology in Modern Pharmacotherapy. , 2017, , 139-158.		12
746	Strategic Design of Delivery Systems for Nutraceuticals. , 2017, , 65-86.		11
747	Nanoparticles for Delivery of Vitamin D: Challenges and Opportunities. , 0, , .		8
748	Clinical Application of MicroRNAs in Liver Diseases. , 2017, , 93-133.		0
749	Bioactive Polymeric Materials for Tissue Repair. Journal of Functional Biomaterials, 2017, 8, 4.	1.8	5
750	Cytotoxic Evaluation of (2S)-5,7-Dihydroxy-6-prenylflavanone Derivatives Loaded PLGA Nanoparticles against MiaPaCa-2 Cells. Molecules, 2017, 22, 1553.	1.7	16

#	ARTICLE	IF	CITATIONS
751	Preventing Surgical Site Infections Using a Natural, Biodegradable, Antibacterial Coating on Surgical Sutures. <i>Molecules</i> , 2017, 22, 1570.	1.7	38
752	Heteromer Nanostars by Spontaneous Self-Assembly. <i>Nanomaterials</i> , 2017, 7, 127.	1.9	3
753	RNA-Eluting Surfaces for the Modulation of Gene Expression as A Novel Stent Concept. <i>Pharmaceuticals</i> , 2017, 10, 23.	1.7	5
754	The Application, Neurotoxicity, and Related Mechanism of Cationic Polymers—Conflict of Interests: All the Figures and Table in “The application, neurotoxicity, and related mechanism of cationic polymers” are original, unpublished materials designed and prepared by Yubin Li and Dianwen Ju. The authors declared that there’s no conflict of interests. . . . 2017. . . . 285-329.		18
755	Rationale for Pulmonary Vaccine Delivery: Formulation and Device Considerations. , 2017, , 357-371.		4
756	Nanovaccines for oral delivery-formulation strategies and challenges. , 2017, , 263-293.		22
757	Polymeric Nanoparticles in Targeting and Delivery of Drugs. , 2017, , 223-255.		12
758	Nanoparticles for tumor targeting. , 2017, , 221-267.		6
759	Polymer-Based Nanoparticles as Modern Vaccine Delivery Systems. , 2017, , 185-203.		9
760	Preparation of Biodegradable and Elastic Poly(μ -caprolactone-co-lactide) Copolymers and Evaluation as a Localized and Sustained Drug Delivery Carrier. <i>International Journal of Molecular Sciences</i> , 2017, 18, 671.	1.8	38
761	Effects of 3D-Printed Polycaprolactone/ β -Tricalcium Phosphate Membranes on Guided Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2017, 18, 899.	1.8	87
762	X-ray Tomographic Imaging of Tensile Deformation Modes of Electrospun Biodegradable Polyester Fibers. <i>Frontiers in Materials</i> , 2017, 4, .	1.2	31
763	Composite Orthopedic Fixation Devices. , 2017, , 399-425.		1
764	Development of Poly Lactic/Glycolic Acid (PLGA) Microspheres for Controlled Release of Rho-Associated Kinase Inhibitor. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-9.	0.6	13
765	Encapsulation of Nicardipine Hydrochloride and Release from Biodegradable Poly(D,L-lactic-co-glycolic acid) Microparticles by Double Emulsion Process: Effect of Emulsion Stability and Different Parameters on Drug Entrapment. <i>International Journal of Biomaterials</i> , 2017, 2017, 1-13.	1.1	12
766	Optimizing Delivery Characteristics of Curcumin as a Model Drug via Tailoring Mean Diameter Ranges of Cellulose Beads. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-10.	1.2	9
767	Clay—Polymer Nanocomposites for Controlled Drug Release. , 2017, , 475-509.		2
768	Nanostructured delivery systems with improved leishmanicidal activity: a critical review. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5289-5311.	3.3	83

#	ARTICLE	IF	CITATIONS
769	In vitro chlorhexidine release from alginate based microbeads for periodontal therapy. PLoS ONE, 2017, 12, e0185562.	1.1	14
770	Development of a Sustainable Release System for a Ranibizumab Biosimilar Using Poly(lactic-<i>i>co<i>i>-glycolic acid) Biodegradable Polymer-Based Microparticles as a Platform. Biological and Pharmaceutical Bulletin, 2017, 40, 145-150.	0.6	25
771	Hydrocortisone release from tablets based on bioresorbable poly(ether-ester-urethane)s. Brazilian Journal of Pharmaceutical Sciences, 2017, 53, .	1.2	2
772	POLYMERIC NANOPARTICLES FOR IMPROVED BIOAVAILABILITY OF CILNIDIPINE. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 129.	0.3	6
773	CHITOSAN MICROSPHERES FOR THE DELIVERY OF CHEMOTHERAPEUTIC AGENTS: PACLITAXEL AS A MODEL. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 15.	0.3	9
774	Nanotechnological approaches toward cancer chemotherapy. , 2017, , 211-240.		6
775	Electrohydrodynamic fabrication of core–shell PLGA nanoparticles with controlled release of cisplatin for enhanced cancer treatment. International Journal of Nanomedicine, 2017, Volume 12, 3913-3926.	3.3	39
776	Polymeric micro- and nanoparticles for controlled and targeted drug delivery. , 2017, , 355-378.		6
777	Targeted concurrent and sequential delivery of chemotherapeutic and antiangiogenic agents to the brain by using drug-loaded nanofibrous membranes. International Journal of Nanomedicine, 2017, Volume 12, 1265-1276.	3.3	19
778	Mechanical behavior of polymer-based vs. metallic-based bioresorbable stents. Journal of Thoracic Disease, 2017, 9, S923-S934.	0.6	59
779	Totally biodegradable poly(trimethylene carbonate/glycolide-block-L-lactide/glycolide) copolymers: synthesis, characterization and enzyme-catalyzed degradation behavior. European Polymer Journal, 2018, 101, 140-150.	2.6	15
780	Approaches to Improve Therapeutic Efficacy of Biodegradable PLA/PLGA Microspheres: A Review. Polymer Reviews, 2018, 58, 495-536.	5.3	62
781	Biodegradable Inverse Opals with Controlled Discoloration. Advanced Materials Interfaces, 2018, 5, 1701658.	1.9	13
782	Time-of-flight secondary ion mass spectrometry analyses of vancomycin. Biointerphases, 2018, 13, 03B401.	0.6	5
783	Aligned contiguous microfiber platform enhances neural differentiation of embryonic stem cells. Scientific Reports, 2018, 8, 6087.	1.6	11
784	Quantification and Brain Targeting of Eugenol-Loaded Surface Modified Nanoparticles Through Intranasal Route in the Treatment of Cerebral Ischemia. Drug Research, 2018, 68, 584-595.	0.7	43
785	Controlled release of 18-<i>i>-glycyrrhetic acid by nanodelivery systems increases cytotoxicity on oral carcinoma cell line. Nanotechnology, 2018, 29, 285101.	1.3	40
786	Engineering star-shaped lactic acid oligomers to develop novel functional adhesives. Journal of Materials Research, 2018, 33, 1463-1474.	1.2	7

#	ARTICLE	IF	CITATIONS
787	Catalytic metal-based systems for controlled statistical copolymerisation of lactide with a lactone. <i>Polymer Chemistry</i> , 2018, 9, 2517-2531.	1.9	68
788	Capsaicin reduces PLGA-induced fibrosis by promoting M2 macrophages and suppressing overall inflammatory Response. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2424-2432.	2.1	12
789	PLGA Spherical Nucleic Acids. <i>Advanced Materials</i> , 2018, 30, e1707113.	11.1	72
790	Progress and Promise of Nitric Oxide-Releasing Platforms. <i>Advanced Science</i> , 2018, 5, 1701043.	5.6	194
791	Fabrication, detection, and analysis of DNA-labeled PLGA particles for environmental transport studies. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 207-219.	5.0	18
792	Constructing conductive conduit with conductive fibrous infilling for peripheral nerve regeneration. <i>Chemical Engineering Journal</i> , 2018, 345, 566-577.	6.6	63
793	Effects of PCL, PEG and PLGA polymers on curcumin release from calcium phosphate matrix for in vitro and in vivo bone regeneration. <i>Materials Today Chemistry</i> , 2018, 8, 110-120.	1.7	90
794	Effects of Pharmaceutical Preparations on the Rate of Degradation of Poly(Lactide-Co-Glycolide) Scaffolds. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 69-76.	0.3	5
795	Application of pectin-zinc oxide hybrid nanocomposite in the delivery of a hydrophilic drug and a study of its isotherm, kinetics and release mechanism. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 418-430.	3.6	34
796	Biodegradable hybrid-structured nanofibrous membrane supported chemoprotective gene therapy enhances chemotherapy tolerance and efficacy in malignant glioma rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 515-526.	1.9	9
797	Encapsulated oligodendrocyte precursor cell fate is dependent on PDGF-AA release kinetics in a 3D microparticle-hydrogel drug delivery system. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2402-2411.	2.1	10
798	Nanomedicine Approaches Against Parasitic Worm Infections. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701494.	3.9	12
799	Probing Chemical and Mechanical Nanodomains in Copolymer Nanorods with Correlative Atomic Force Microscopy-Nano-correscopy. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700409.	1.2	6
800	Controlled release technology for anti-angiogenesis treatment of posterior eye diseases: Current status and challenges. <i>Advanced Drug Delivery Reviews</i> , 2018, 126, 145-161.	6.6	34
801	Drug delivery systems and materials for wound healing applications. <i>Advanced Drug Delivery Reviews</i> , 2018, 127, 138-166.	6.6	512
802	Optimization of PLGA formulation containing protein or peptide-based antigen: Recent advances. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2540-2551.	2.1	21
803	Ketamine nano-delivery based on poly-lactic-co-glycolic acid (PLGA) nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 655-663.	1.6	5
804	A targeting theranostics nanomedicine as an alternative approach for hyperthermia perfusion. <i>Biomaterials</i> , 2018, 183, 268-279.	5.7	27

#	ARTICLE	IF	CITATIONS
805	Customizing poly(lactic-co-glycolic acid) particles for biomedical applications. <i>Acta Biomaterialia</i> , 2018, 73, 38-51.	4.1	236
806	Evaluation of curcumin loaded chitosan/PEG blended PLGA nanoparticles for effective treatment of pancreatic cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 555-566.	2.5	105
807	Current development of nanocarrier delivery systems for Parkinson's disease pharmacotherapy. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 87, 15-25.	2.7	17
808	Poly(lactic-co-glycolic) Acid as a Slow-Release Drug-Carrying Matrix for Methotrexate Coated onto Intraocular Lenses to Conquer Posterior Capsule Opacification. <i>Current Eye Research</i> , 2018, 43, 702-708.	0.7	21
809	Preparation of PLGA/Rose Bengal colloidal particles by double emulsion and layer-by-layer for breast cancer treatment. <i>Journal of Colloid and Interface Science</i> , 2018, 518, 122-129.	5.0	20
810	Antimicrobial packaging based on starch, poly(3-hydroxybutyrate) and poly(lactic-co-glycolide) materials and application challenges. <i>Trends in Food Science and Technology</i> , 2018, 74, 1-11.	7.8	72
811	Tunable degradation of acetalated dextran microparticles enables controlled vaccine adjuvant and antigen delivery to modulate adaptive immune responses. <i>Journal of Controlled Release</i> , 2018, 273, 147-159.	4.8	61
812	Design of triphasic poly(lactic-co-glycolic acid) nanoparticles containing a perfluorocarbon phase for biomedical applications. <i>RSC Advances</i> , 2018, 8, 6460-6470.	1.7	14
813	Self-neutralizing PLGA/magnesium composites as novel biomaterials for tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 035013.	1.7	30
814	Hollow mesoporous polymer capsules with Dihydroartemisinin and Chloroquine diphosphate for knocking down Plasmodium falciparum infection. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 035006.	0.6	8
815	Chitosan-coated nanoparticles enhanced lung pharmacokinetic profile of voriconazole upon pulmonary delivery in mice. <i>Nanomedicine</i> , 2018, 13, 501-520.	1.7	53
816	Advancements and Challenges in Multidomain Multicargo Delivery Vehicles. <i>Advanced Materials</i> , 2018, 30, e1704324.	11.1	38
817	Latent, Immunosuppressive Nature of Poly(lactic-co-glycolic acid) Microparticles. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 900-918.	2.6	74
818	Fabrication of dual stimuli-responsive multicompartamental drug carriers for tumor-selective drug release. <i>Lab on A Chip</i> , 2018, 18, 754-764.	3.1	19
819	Future of human Chlamydia vaccine: potential of self-adjuvanting biodegradable nanoparticles as safe vaccine delivery vehicles. <i>Expert Review of Vaccines</i> , 2018, 17, 217-227.	2.0	24
820	pH-responsive starch microparticles for a tumor-targeting implant. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1372-1376.	1.6	16
821	Poly(lactic-co-glycolic acid): The most ardent and flexible candidate in biomedicine!. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 1028-1049.	1.8	20
822	Combining ultrasound and intratumoral administration of doxorubicin-loaded microspheres to enhance tumor cell killing. <i>International Journal of Pharmaceutics</i> , 2018, 539, 139-146.	2.6	15

#	ARTICLE	IF	CITATIONS
823	Lessons learned in the development of sustained release penicillin drug delivery systems for the prophylactic treatment of rheumatic heart disease (RHD). <i>Drug Delivery and Translational Research</i> , 2018, 8, 729-739.	3.0	11
824	Fabrication of 3-O-sn-Phosphatidyl-L-serine Anchored PLGA Nanoparticle Bearing Amphotericin B for Macrophage Targeting. <i>Pharmaceutical Research</i> , 2018, 35, 60.	1.7	19
825	Osteoconduction of Unrestricted Somatic Stem Cells on an Electrospun Poly(lactic-Co-Glycolic Acid) Scaffold Coated with Nanohydroxyapatite. <i>Cells Tissues Organs</i> , 2018, 205, 9-19.	1.3	9
826	Nanomedicines and gene therapy for the delivery of growth factors to improve perfusion and oxygenation in wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 262-284.	6.6	70
827	Unveiling the slow release behavior of hollow particles with prolonged antibacterial activity. <i>Journal of Materials Science</i> , 2018, 53, 5942-5957.	1.7	22
828	Materials and applications of bioresorbable electronics. <i>Journal of Semiconductors</i> , 2018, 39, 011003.	2.0	25
829	Twin-screw extrusion of sustained-release oral dosage forms and medical implants. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1694-1713.	3.0	12
830	Microfluidics for producing poly (lactic-co-glycolic acid)-based pharmaceutical nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2018, 128, 101-114.	6.6	107
831	Tailoring the mechanical and biodegradable properties of binary blends of biomedical thermoplastic elastomer. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 79, 64-72.	1.5	7
832	Engineering design and mechanistic mathematical models: Standpoint on cutting edge drug delivery. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 100, 15-35.	5.8	24
833	Process-induced degradation of bioresorbable PDLGA in bone tissue scaffold production. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 14.	1.7	5
834	Restoration of articular osteochondral defects in rat by a bi-layered hyaluronic acid hydrogel plug with TUDCA-PLGA microsphere. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 61, 295-303.	2.9	12
835	Effects of the conformation of PLGA molecules in the organic solvent on the aerodynamic diameter of spray dried microparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 347-353.	2.3	17
836	Development of transdermal vitamin D3 (VD3) delivery system using combinations of PLGA nanoparticles and microneedles. <i>Drug Delivery and Translational Research</i> , 2018, 8, 281-290.	3.0	37
837	Depot Subcutaneous Injection with Chalcone CH8-Loaded Poly(Lactic-Co-Glycolic Acid) Microspheres as a Single-Dose Treatment of Cutaneous Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	15
838	Local delivery of mometasone furoate from an eluting endotracheal tube. <i>Journal of Controlled Release</i> , 2018, 272, 54-61.	4.8	19
839	A biomimetic tumor tissue phantom for validating diffusion-weighted MRI measurements. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 147-158.	1.9	12
840	Recent advances of PLGA micro/nanoparticles for the delivery of biomacromolecular therapeutics. <i>Materials Science and Engineering C</i> , 2018, 92, 1041-1060.	3.8	264

#	ARTICLE	IF	CITATIONS
841	Evaluation of a combined emulsion process to encapsulate methylene blue into PLGA nanoparticles. RSC Advances, 2018, 8, 414-422.	1.7	16
842	Synergistic Effect of Free and Nano-encapsulated Chrysin-Curcumin on Inhibition of hTERT Gene Expression in SW480 Colorectal Cancer Cell Line. Drug Research, 2018, 68, 335-343.	0.7	21
844	Uptake and Intracellular Fate of Engineered Nanoparticles in Mammalian Cells: Capabilities and Limitations of Transmission Electron Microscopyâ€”Polymerâ€”Based Nanoparticles. Advanced Materials, 2018, 30, 1703704.	11.1	67
845	Controlling and Predicting Nanoparticle Formation by Block Copolymer Directed Rapid Precipitations. Nano Letters, 2018, 18, 1139-1144.	4.5	84
846	Controlled Release of Growth Factors from Multilayered Fibrous Scaffold for Functional Recoveries in Crushed Sciatic Nerve. ACS Biomaterials Science and Engineering, 2018, 4, 576-586.	2.6	47
847	Polyester elastomers for soft tissue engineering. Chemical Society Reviews, 2018, 47, 4545-4580.	18.7	168
848	Mechanistic formation of drug-encapsulated Janus particles through emulsion solvent evaporation. RSC Advances, 2018, 8, 16032-16042.	1.7	20
849	Bioresorbable Scaffold Stability and Mechanical Properties. , 2018, , 641-658.		1
850	Microanalysis using surface modification and biphasic droplets. Polymer Journal, 2018, 50, 699-709.	1.3	4
851	Surface modification of <scp>PLGA</scp> nanoparticles using chitosan: Effect of molecular weight, concentration, and degree of deacetylation. Advances in Polymer Technology, 2018, 37, 3066-3075.	0.8	26
852	Chitosan coated PLGA nanoparticles amplify the ocular hypotensive effect of forskolin: Statistical design, characterization and in vivo studies. International Journal of Biological Macromolecules, 2018, 116, 648-663.	3.6	83
853	Receptor-mediated PLGA nanoparticles for glioblastoma multiforme treatment. International Journal of Pharmaceutics, 2018, 545, 84-92.	2.6	104
854	Biodegradable coronary scaffolds: their future and clinical and technological challenges. Cardiovascular Research, 2018, 114, 1063-1072.	1.8	23
855	Bioadhesive polymeric nanoparticles as strategy to improve the treatment of yeast infections in oral cavity: in-vitro and ex-vivo studies. European Polymer Journal, 2018, 104, 19-31.	2.6	35
856	Dual drug loaded coaxial electrospun PLGA/PVP fiber for guided tissue regeneration under control of infection. Materials Science and Engineering C, 2018, 90, 549-556.	3.8	77
857	Formulation and characterisation of poly(lacticâ€”glycolic acid) encapsulated clove oil nanoparticles for dental applications. IET Nanobiotechnology, 2018, 12, 311-317.	1.9	3
858	Improvement of PLGA loading and release of curcumin by supercritical technology. Journal of Supercritical Fluids, 2018, 141, 60-67.	1.6	9
859	Effects of nano-encapsulated curcumin-chrysin on telomerase, <i>MMPs</i> and <i>TIMPs</i> gene expression in mouse B16F10 melanoma tumour model. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 75-86.	1.9	70

#	ARTICLE	IF	CITATIONS
860	Poly(lactic-co-glycolic acid) devices: Production and applications for sustained protein delivery. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1516.	3.3	45
861	Nano Fibrous Scaffolds for Tissue Engineering Application. , 2018, , 1-28.		1
862	A Simple PLGA-AgNPL Film for Antibiofilm Formation by Contact Bactericidal Activity. Chemistry Letters, 2018, 47, 308-310.	0.7	0
863	Etoposide-Loaded Poly(Lactic-co-Glycolic Acid) Intravitreal Implants: In Vitro and In Vivo Evaluation. AAPS PharmSciTech, 2018, 19, 1652-1661.	1.5	14
864	Nanopharmaceuticals for wound healing " Lost in translation?. Advanced Drug Delivery Reviews, 2018, 129, 194-218.	6.6	63
865	Hyaluronic acid coated albumin nanoparticles for targeted peptide delivery in the treatment of retinal ischaemia. Biomaterials, 2018, 168, 10-23.	5.7	66
866	Injectable PLGA Adefovir microspheres; the way for long term therapy of chronic hepatitis-B. European Journal of Pharmaceutical Sciences, 2018, 118, 24-31.	1.9	21
867	3D tissue engineering, an emerging technique for pharmaceutical research. Acta Pharmaceutica Sinica B, 2018, 8, 756-766.	5.7	49
868	Label-Free, Direct Measurement of Protein Concentrations in Turbid Solutions with a UV-Visible Integrating Cavity Absorbance Spectrometer. Analytical Chemistry, 2018, 90, 4982-4986.	3.2	13
869	Synergistic effect of PLGA nanoparticles and submicron triglyceride droplets in enhancing the intestinal solubilisation of a lipophilic weak base. European Journal of Pharmaceutical Sciences, 2018, 118, 40-48.	1.9	16
870	Effect of size on the in vitro / in vivo drug release and degradation of exenatide-loaded PLGA microspheres. Journal of Drug Delivery Science and Technology, 2018, 45, 346-356.	1.4	40
871	Optimization of Noscapine-Loaded mPEG-PLGA Nanoparticles and Release Study: a Response Surface Methodology Approach. Journal of Pharmaceutical Innovation, 2018, 13, 237-246.	1.1	18
872	Insights into maleimide-thiol conjugation chemistry: Conditions for efficient surface functionalization of nanoparticles for receptor targeting. Journal of Controlled Release, 2018, 282, 101-109.	4.8	91
873	A simple and rapid fabrication method for biodegradable drug-encapsulating microrobots using laser micromachining, and characterization thereof. Sensors and Actuators B: Chemical, 2018, 266, 276-287.	4.0	25
874	Enhanced uptake in 2D- and 3D- lung cancer cell models of redox responsive PEGylated nanoparticles with sensitivity to reducing extra- and intracellular environments. Journal of Controlled Release, 2018, 277, 126-141.	4.8	54
875	Sustainable Production of Drug-Loaded Particles by Membrane Emulsification. ACS Sustainable Chemistry and Engineering, 2018, 6, 6663-6674.	3.2	19
876	Development and effect of storage on the stability of enriched flavonoid fraction of <i>Cecropia glaziovii</i> -loaded PLGA nanoparticles. Pharmaceutical Development and Technology, 2018, 23, 998-1006.	1.1	4
877	Multiobjective Programming for Type-2 Hierarchical Fuzzy Inference Trees. IEEE Transactions on Fuzzy Systems, 2018, 26, 915-936.	6.5	16

#	ARTICLE	IF	CITATIONS
878	Revisiting the role of sucrose in PLGA-PEG nanocarrier for potential intranasal delivery. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 265-274.	1.1	31
879	Controlled release of clarithromycin from PLGA microspheres enhances bone regeneration in rabbit calvaria defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 201-208.	1.6	18
880	Development and characterization of poly(lactic-co-glycolic) acid nanoparticles loaded with copaiba oleoresin. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 343-350.	1.1	11
881	Effect of volume of porogens on the porosity of PLGA scaffolds in pH-controlled environment. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 207-210.	1.1	4
882	Chitosan-based bionanocomposites for biomedical application. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2018, 7, 219-227.	0.7	17
883	Immunogenicity of pulsatile-release PLGA microspheres for single-injection vaccination. <i>Vaccine</i> , 2018, 36, 3161-3168.	1.7	41
884	Mapping intermediate degradation products of poly(lactic-co-glycolic acid) <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1129-1137.	1.6	11
885	Poly(lactide-co-glycolide) nanofibrous scaffolds chemically coated with gold-nanoparticles as osteoinductive agents for osteogenesis. <i>Applied Surface Science</i> , 2018, 432, 300-307.	3.1	35
886	Assessment of the Viability of NIH3T3 Fibroblast Cells Cultured in Polymer Matrices with rhGH. <i>Journal of Polymers and the Environment</i> , 2018, 26, 906-912.	2.4	0
887	Investigating the effect of poly-L-lactic acid nanoparticles carrying hypericin on the flow-biased diffusive motion of HeLa cell organelles. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 71, 104-116.	1.2	14
888	Evaluation of the <i>in vitro</i> biodegradation and biological behavior of poly(lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3. <i>Journal of Bioactive and Compatible Polymers</i> , 2018, 33, 146-159.	0.8	6
889	The Current State of Peptide Drug Discovery: Back to the Future?. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1382-1414.	2.9	767
890	Gemcitabine hydrochloride-loaded liposomes and nanoparticles: comparison of encapsulation efficiency, drug release, particle size, and cytotoxicity. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 76-86.	1.1	27
891	Effects of L-leucine on PLGA microparticles for pulmonary administration prepared using spray drying: Fine particle fraction and phagocytotic ratio of alveolar macrophages. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 411-417.	2.3	26
892	Production of drug-releasing biodegradable microporous scaffold using a two-step micro-encapsulation/supercritical foaming process. <i>Journal of Supercritical Fluids</i> , 2018, 133, 263-269.	1.6	28
893	Bioactive Biomaterials: Potential for Application in Bone Regenerative Medicine. , 2018, , 333-360.		7
894	Recent advances in co-delivery systems based on polymeric nanoparticle for cancer treatment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1095-1110.	1.9	83
895	A review of recent progress in drug and protein encapsulation: Approaches, applications and challenges. <i>Materials Science and Engineering C</i> , 2018, 83, 233-246.	3.8	80

#	ARTICLE	IF	CITATIONS
896	Fabrication of biodegradable foams for deep tissue negative pressure treatments. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1998-2007.	1.6	3
897	Touch-actuated transdermal delivery patch for quantitative skin permeation control. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 18-26.	4.0	27
898	Polyester micelles for drug delivery and cancer theranostics: Current achievements, progresses and future perspectives. <i>Materials Science and Engineering C</i> , 2018, 83, 218-232.	3.8	68
899	Fabricating PLGA microparticles with high loads of the small molecule antioxidant N-acetylcysteine that rescue oligodendrocyte progenitor cells from oxidative stress. <i>Biotechnology and Bioengineering</i> , 2018, 115, 246-256.	1.7	16
900	Characterization and evaluation of stabilized particulate formulations as therapeutic oral vaccines for allergy. <i>Journal of Liposome Research</i> , 2018, 28, 296-304.	1.5	8
901	Ultrasound-triggered PLGA microparticle destruction and degradation for controlled delivery of local cytotoxicity and drug release. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1211-1217.	3.6	18
902	Computational design of Phe-Tyr dipeptide and preparation, characterization, cytotoxicity studies of Phe-Tyr dipeptide loaded PLGA nanoparticles for the treatment of hypertension. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2893-2907.	2.0	15
903	Preparation of polycaprolactone nanoparticles via supercritical carbon dioxide extraction of emulsions. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1790-1796.	3.0	35
904	Advances in nano-delivery systems for doxorubicin: an updated insight. <i>Journal of Drug Targeting</i> , 2018, 26, 296-310.	2.1	99
905	Combining growth factor releasing microspheres within aligned nanofibers enhances neurite outgrowth. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 17-25.	2.1	30
906	Multilayered pore-closed PLGA microsphere delivering OGP and BMP in sequential release patterns for the facilitation of BMSC's osteogenic differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 95-105.	2.1	31
907	Paclitaxel-loaded PLA/PEG/fluorescein anticancer agent prepared by Ugi reaction. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 776-782.	1.8	3
908	Antitumor Efficacy and Toxicity of 5-Fluorouracil-Loaded Poly(Lactide-Co-glycolide) Pellets. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 690-697.	1.6	17
909	Fabrication and Use of Poly(d,l-lactide-co-glycolide)-Based Formulations Designed for Modified Release of 5-Fluorouracil. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 513-528.	1.6	30
910	Monomer sequence in PLGA microparticles: Effects on acidic microclimates and in vivo inflammatory response. <i>Acta Biomaterialia</i> , 2018, 65, 259-271.	4.1	51
911	Formulation and characterization of poly(propylacrylic acid)/poly(lactic-co-glycolic acid) blend microparticles for pH-dependent membrane disruption and cytosolic delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1022-1033.	2.1	11
912	Functionalizing PLGA and PLGA Derivatives for Drug Delivery and Tissue Regeneration Applications. <i>Advanced Healthcare Materials</i> , 2018, 7, 1701035.	3.9	173
913	Penta-block copolymer microspheres: Impact of polymer characteristics and process parameters on protein release. <i>International Journal of Pharmaceutics</i> , 2018, 535, 428-437.	2.6	11

#	ARTICLE	IF	CITATIONS
914	Multivariate analysis for the optimization of microfluidics-assisted nanoprecipitation method intended for the loading of small hydrophilic drugs into PLGA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2018, 536, 165-177.	2.6	69
915	Tissue-electronics interfaces: from implantable devices to engineered tissues. <i>Nature Reviews Materials</i> , 2018, 3, .	23.3	372
916	Biodegradable polymeric injectable implants for long-term delivery of contraceptive drugs. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46068.	1.3	73
917	Evaluation of METase-pemetrexed-loaded PEG-PLGA nanoparticles modified with anti-CD133-scFV for treatment of gastric carcinoma. <i>Bioscience Reports</i> , 2018, 38, .	1.1	15
918	Composite Polymer Colloids for SERS-Based Applications. <i>Chemical Record</i> , 2018, 18, 807-818.	2.9	23
919	Proof of Principle for Local Delivery of a c-Met Inhibitor. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 856-862.	1.6	0
920	Biodegradable Nanoparticles Enhanced Adhesiveness of Mussel-Like Hydrogels at Tissue Interface. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701069.	3.9	47
921	Relationship between polarities of antibiotic and polymer matrix on nanoparticle formulations based on aliphatic polyesters. <i>International Journal of Pharmaceutics</i> , 2018, 548, 730-739.	2.6	23
922	Benign preparation of aqueous core poly lactic-co-glycolic acid (PLGA) microcapsules. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 1-9.	5.0	14
923	Biomimetic nanoparticles for transplantation tolerance. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 15-21.	0.8	8
924	Didodecyldimethylammonium bromide (DMAB) stabilized poly(lactic-co-glycolic acid) (PLGA) nanoparticles: Uptake and cytotoxic potential in Caco-2 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 430-438.	1.4	5
925	In Vitro Bioactivity of One- and Two-Dimensional Nanoparticle-Incorporated Bone Tissue Engineering Scaffolds. <i>Tissue Engineering - Part A</i> , 2018, 24, 641-652.	1.6	14
926	Applications of Synthetically Produced Materials in Clinical Medicine. , 2018, , .		2
927	Fabrication and Characterization of Electrospun 75:25 PLGA Nanofibers for Skin Tissue Engineering. , 2018, , .		0
928	Fabrication and Optimization of Dp44mT-Loaded Nanoparticles. , 2018, 2018, 5733-5736.		4
929	Surface modified kokum butter lipid nanoparticles for the brain targeted delivery of nevirapine. <i>Journal of Microencapsulation</i> , 2018, 35, 680-694.	1.2	9
930	Modelling Particle Size, Drug Loading and Release of BSA Encapsulated into PLGA Nanoparticles. <i>Journal of Material Science & Engineering</i> , 2018, 07, .	0.2	1
931	Advances and challenges of green materials for electronics and energy storage applications: from design to end-of-life recovery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20546-20563.	5.2	96

#	ARTICLE	IF	CITATIONS
932	Morphology-dependent pH-responsive release of hydrophilic payloads using biodegradable nanocarriers. <i>RSC Advances</i> , 2018, 8, 36869-36878.	1.7	16
933	Porous nanofibrous scaffold incorporated with S1P loaded mesoporous silica nanoparticles and BMP-2 encapsulated PLGA microspheres for enhancing angiogenesis and osteogenesis. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6731-6743.	2.9	35
934	The Wonders of Silk Fibroin Biomaterials in the Treatment of Breast Cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 129-134.	0.4	14
935	The effect of blend ratios on physico-mechanical properties and miscibility of cross-linked poly(vinyl Tj ETQq1 1 0.784314 rgBT /Over	0.3	14
936	Metformin Hydrochloride-Loaded PLGA Nanoparticle in Periodontal Disease Experimental Model Using Diabetic Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3488.	1.8	42
937	3D printing bioactive PLGA scaffolds using DMSO as a removable solvent. <i>Bioprinting</i> , 2018, 10, e00038.	2.9	23
938	Resveratrol-loaded PLGA nanoparticles: enhanced stability, solubility and bioactivity of resveratrol for non-alcoholic fatty liver disease therapy. <i>Royal Society Open Science</i> , 2018, 5, 181457.	1.1	101
939	Carbon dot aggregates as an alternative to gold nanoparticles for the laser-induced opening of microchamber arrays. <i>Soft Matter</i> , 2018, 14, 9012-9019.	1.2	19
940	<i>In vitro</i> and <i>in vivo</i> evaluation of desmopressin-loaded poly(D,L-lactic-co-glycolic acid) nanoparticles for its potential use in cancer treatment. <i>Nanomedicine</i> , 2018, 13, 2835-2849.	1.7	4
941	Enhanced EPR directed and Imaging guided Photothermal Therapy using Vitamin E Modified Toco-Photoxil. <i>Scientific Reports</i> , 2018, 8, 16673.	1.6	18
942	Noninvasive Ultrasonic Drug Uncaging Maps Whole-Brain Functional Networks. <i>Neuron</i> , 2018, 100, 728-738.e7.	3.8	74
943	Bioactivity and mechanical properties of scaffolds based on calcium aluminate and bioactive glass. <i>International Journal of Materials Research</i> , 2018, 110, 343-350.	0.1	3
944	Gold nanorod-encapsulated biodegradable polymeric matrix for combined photothermal and chemo-cancer therapy. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 181-193.	3.3	35
945	PLA- and PLA/PLGA-Emulsion Composite Biomaterial Sheets for the Controllable Sustained Release of Hydrophilic Compounds. <i>Materials</i> , 2018, 11, 2588.	1.3	9
946	Implantable Polymeric Drug Delivery Devices: Classification, Manufacture, Materials, and Clinical Applications. <i>Polymers</i> , 2018, 10, 1379.	2.0	242
947	Synthesis and Characterization of PLGA-PEG Thymoquinone Nanoparticles and Its Cytotoxicity Effects in Tamoxifen-Resistant Breast Cancer Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1292, 65-82.	0.8	15
948	A Perfusion Culture System for Assessing Bone Marrow Stromal Cell Differentiation on PLGA Scaffolds for Bone Repair. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 161.	2.0	19
949	Model of the Destruction of Bioresorbable Polymers in Aqueous Media. <i>Inorganic Materials: Applied Research</i> , 2018, 9, 649-654.	0.1	1

#	ARTICLE	IF	CITATIONS
950	Formulation of Bioerodible Ketamine Microparticles as an Analgesic Adjuvant Treatment Produced by Supercritical Fluid Polymer Encapsulation. <i>Pharmaceutics</i> , 2018, 10, 264.	2.0	8
951	Antiviral efficacy of nanoparticulate vacuolar ATPase inhibitors against influenza virus infection. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8579-8593.	3.3	51
952	A Computational Model for Drug Release from PLGA Implant. <i>Materials</i> , 2018, 11, 2416.	1.3	34
953	Novel Pathway for Efficient Covalent Modification of Polyester Materials of Different Design to Prepare Biomimetic Surfaces. <i>Polymers</i> , 2018, 10, 1299.	2.0	11
954	Electrospun Patch Functionalized with Nanoparticles Allows for Spatiotemporal Release of VEGF and PDGF-BB Promoting In Vivo Neovascularization. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44344-44353.	4.0	25
955	Application of polydopamine in tumor targeted drug delivery system and its drug release behavior. <i>Journal of Controlled Release</i> , 2018, 290, 56-74.	4.8	162
956	Ocular Drug Delivery: Role of Degradable Polymeric Nanocarriers for Ophthalmic Application. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2830.	1.8	154
957	PLGA: From a classic drug carrier to a novel therapeutic activity contributor. <i>Journal of Controlled Release</i> , 2018, 289, 10-13.	4.8	48
958	AgCa-PLGA submicron particles inhibit the growth and colonization of <i>E. Faecalis</i> and <i>P. Gingivalis</i> on dentin through infiltration into dentinal tubules. <i>International Journal of Pharmaceutics</i> , 2018, 552, 206-216.	2.6	10
959	Effect of nanoencapsulation using poly (lactide-co-glycolide) (PLGA) on anti-angiogenic activity of bevacizumab for ocular angiogenesis therapy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1056-1063.	2.5	49
960	Effect of a Controlled Release of Epinephrine Hydrochloride from PLGA Microchamber Array: In Vivo Studies. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37855-37864.	4.0	30
961	Local delivery of a cancer-favoring oncolytic vaccinia virus via poly (lactic-co-glycolic acid) nanofiber for theranostic purposes. <i>International Journal of Pharmaceutics</i> , 2018, 552, 437-442.	2.6	27
962	Indocyanine Green Loaded PLGA Film Coated Coronary Stents for Photo-Triggered in situ Biofilm Eradication. <i>Colloids and Interface Science Communications</i> , 2018, 27, 35-39.	2.0	10
963	Promoting vascular healing using nanofibrous ticagrelor-eluting stents. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6039-6048.	3.3	8
964	Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. <i>Langmuir</i> , 2018, 34, 13935-13945.	1.6	34
965	The Chlamydia M278 Major Outer Membrane Peptide Encapsulated in the Poly(lactic acid)-Poly(ethylene) Tj ETQq1 1 0.784314 rgBT muridarum Genital Tract Challenge by Stimulating Robust Systemic and Local Mucosal Immune Responses. <i>Frontiers in Immunology</i> , 2018, 9, 2369.	2.2	15
966	Synthesis of Functional Polymer Particles from Moritaâ€“Baylisâ€“Hillman Polymerization. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800678.	2.0	4
967	Innovative Development of Contact Lenses. <i>Cornea</i> , 2018, 37, S94-S98.	0.9	6

#	ARTICLE	IF	CITATIONS
968	Nanoroughness, Surface Chemistry, and Drug Delivery Control by Atmospheric Plasma Jet on Implantable Devices. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39512-39523.	4.0	41
969	GSK461364A, a Polo-Like Kinase-1 Inhibitor Encapsulated in Polymeric Nanoparticles for the Treatment of Glioblastoma Multiforme (GBM). <i>Bioengineering</i> , 2018, 5, 83.	1.6	10
970	Application of PLGA/FGF-2 coaxial microfibers in spinal cord tissue engineering: an <i>in vitro</i> and <i>in vivo</i> investigation. <i>Regenerative Medicine</i> , 2018, 13, 785-801.	0.8	25
971	Quality-by-design model in optimization of PEG-PLGA nano micelles for targeted cancer therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 393-402.	1.4	17
972	Topographically Defined, Biodegradable Nanopatterned Patches to Regulate Cell Fate and Acceleration of Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38780-38790.	4.0	40
973	Preparation and characterization of anti-tubercular drugs encapsulated in polymer micelles. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 422-428.	1.4	16
974	Engineering Neural Tissue from Human Pluripotent Stem Cells Using Novel Small Molecule Releasing Microspheres. <i>Advanced Biology</i> , 2018, 2, 1800133.	3.0	15
975	Review of the fabrication techniques and applications of polymeric electrospun nanofibers for drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 82-87.	1.4	81
976	Design and immunological evaluation of anti-CD205-tailored PLGA-based nanoparticulate cancer vaccine. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 367-386.	3.3	26
977	Biomaterials to model and measure epithelial cancers. <i>Nature Reviews Materials</i> , 2018, 3, 418-430.	23.3	51
978	S-Nitrosoglutathione loaded poly(lactic-co-glycolic acid) microparticles for prolonged nitric oxide release and enhanced healing of methicillin-resistant <i>Staphylococcus aureus</i> -infected wounds. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 94-102.	2.0	33
979	BAR-encapsulated nanoparticles for the inhibition and disruption of <i>Porphyromonas gingivalis</i> – <i>Streptococcus gordonii</i> biofilms. <i>Journal of Nanobiotechnology</i> , 2018, 16, 69.	4.2	13
980	Aflibercept Nanoformulation Inhibits VEGF Expression in Ocular In Vitro Model: A Preliminary Report. <i>Biomedicines</i> , 2018, 6, 92.	1.4	19
981	Design, Characterization, and Biopharmaceutical Behavior of Nanoparticles Loaded with an HIV-1 Fusion Inhibitor Peptide. <i>Molecular Pharmaceutics</i> , 2018, 15, 5005-5018.	2.3	14
982	Development of X-ray opaque poly(lactic acid) end-capped by triiodobenzoic acid towards non-invasive micro-CT imaging biodegradable embolic microspheres. <i>European Polymer Journal</i> , 2018, 108, 337-347.	2.6	8
983	The mechanism behind the biphasic pulsatile drug release from physically mixed poly(dl-lactic(-co-glycolic) acid)-based compacts. <i>International Journal of Pharmaceutics</i> , 2018, 551, 195-202.	2.6	13
984	Antibiofilm Coatings Based on PLGA and Nanostructured Cefepime-Functionalized Magnetite. <i>Nanomaterials</i> , 2018, 8, 633.	1.9	23
985	Effect of excipients on encapsulation and release of insulin from spray-dried solid lipid microparticles. <i>International Journal of Pharmaceutics</i> , 2018, 550, 439-446.	2.6	15

#	ARTICLE	IF	CITATIONS
986	Current taxane formulations and emerging cabazitaxel delivery systems. <i>Nano Research</i> , 2018, 11, 5193-5218.	5.8	39
987	Therapeutic inhibition of spleen tyrosine kinase in inflammatory macrophages using PLGA nanoparticles for the treatment of non-alcoholic steatohepatitis. <i>Journal of Controlled Release</i> , 2018, 288, 227-238.	4.8	37
988	The protective effects of acupoint gel embedding on rats with myocardial ischemia-reperfusion injury. <i>Life Sciences</i> , 2018, 211, 51-62.	2.0	14
989	Nanoscale and Macroscale Scaffolds with Controlled-Release Polymeric Systems for Dental Craniomaxillofacial Tissue Engineering. <i>Materials</i> , 2018, 11, 1478.	1.3	27
990	Biomimetic delivery of signals for bone tissue engineering. <i>Bone Research</i> , 2018, 6, 25.	5.4	178
991	Micelle-templated, poly(lactic-&em>co-glycolic acid) nanoparticles for hydrophobic drug delivery. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 351-366.	3.3	16
992	A bilayered PVA/PLGA-bioresorbable shuttle to improve the implantation of flexible neural probes. <i>Journal of Neural Engineering</i> , 2018, 15, 065001.	1.8	47
993	Antibacterial Properties of PLGA Electrospun Scaffolds Containing Ciprofloxacin Incorporated by Blending or Physisorption. <i>ACS Applied Bio Materials</i> , 2018, 1, 627-635.	2.3	27
994	Development of fluorometholone-loaded PLGA nanoparticles for treatment of inflammatory disorders of anterior and posterior segments of the eye. <i>International Journal of Pharmaceutics</i> , 2018, 547, 338-346.	2.6	50
995	Biochemically Controlled Release of Dexamethasone Covalently Bound to PEDOT. <i>Chemistry - A European Journal</i> , 2018, 24, 10300-10305.	1.7	19
996	Coating Nanoparticles with Gastric Epithelial Cell Membrane for Targeted Antibiotic Delivery against <i>Helicobacter pylori</i> Infection. <i>Advanced Therapeutics</i> , 2018, 1, 1800016.	1.6	110
997	Maximising success in multidrug formulation development: A review. <i>Journal of Controlled Release</i> , 2018, 283, 1-19.	4.8	28
998	Recent advances in intra-articular drug delivery systems for osteoarthritis therapy. <i>Drug Discovery Today</i> , 2018, 23, 1761-1775.	3.2	131
999	Ultrasound-guided delivery of thymidine kinaseânitroreductase dual therapeutic genes by PEGylated-PLGA/PEI nanoparticles for enhanced triple negative breast cancer therapy. <i>Nanomedicine</i> , 2018, 13, 1051-1066.	1.7	33
1000	Poly(lactic- co -glycolic acid) (PLGA) matrix implants. , 2018, , 375-402.		20
1001	Nanoparticle mucoadhesive system as a new tool for fish immune system modulation. <i>Fish and Shellfish Immunology</i> , 2018, 80, 651-654.	1.6	11
1002	Biopolymers for Antitumor Implantable Drug Delivery Systems: Recent Advances and Future Outlook. <i>Advanced Materials</i> , 2018, 30, e1706665.	11.1	147
1003	Biodegradable crosslinked polyesters derived from thiomalic acid and <i>S</i> -nitrosothiol analogues for nitric oxide release. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4071-4081.	2.9	8

#	ARTICLE	IF	CITATIONS
1005	Response of hPDLSCs on 3D printed PCL/PLGA composite scaffolds in <i>in vitro</i> . <i>Molecular Medicine Reports</i> , 2018, 18, 1335-1344.	1.1	22
1006	Materials, Processes, and Facile Manufacturing for Bioresorbable Electronics: A Review. <i>Advanced Materials</i> , 2018, 30, e1707624.	11.1	133
1007	Stimuli-responsive biopolymer nanocarriers for drug delivery applications. , 2018, , 405-432.		10
1008	Flexible Transient Optical Waveguides and Surface-Wave Biosensors Constructed from Monocrystalline Silicon. <i>Advanced Materials</i> , 2018, 30, e1801584.	11.1	55
1009	Nanoparticles for Detection and Treatment of Peripheral Arterial Disease. <i>Small</i> , 2018, 14, e1800644.	5.2	20
1010	<i>Cis</i> -Selective Metathesis to Enhance the Living Character of Ring-Opening Polymerization: An Approach to Sequenced Copolymers. <i>ACS Macro Letters</i> , 2018, 7, 858-862.	2.3	25
1011	Polymeric nanocarriers for site-specific gene therapy. , 2018, , 689-714.		7
1012	Vasorelaxant effect of standardized extract of <i>Cecropia glaziovii</i> Snethl encapsulated in PLGA microparticles: In vitro activity, formulation development and release studies. <i>Materials Science and Engineering C</i> , 2018, 92, 228-235.	3.8	6
1013	Unintended effects of drug carriers: Big issues of small particles. <i>Advanced Drug Delivery Reviews</i> , 2018, 130, 90-112.	6.6	51
1014	Polymer-based carriers for ophthalmic drug delivery. <i>Journal of Controlled Release</i> , 2018, 285, 106-141.	4.8	102
1015	Evaluation of targeted curcumin (CUR) loaded PLGA nanoparticles for in vitro photodynamic therapy on human glioblastoma cell line. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 190-201.	1.3	53
1016	Polymeric micelles as a versatile tool in oral chemotherapy. , 2018, , 293-329.		4
1017	Angiogenesis and Full-Thickness Wound Healing Efficiency of a Copper-Doped Borate Bioactive Glass/Poly(lactic-co-glycolic acid) Dressing Loaded with Vitamin E in Vivo and in Vitro. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22939-22950.	4.0	82
1018	Hydrolytic Degradation and Erosion of Polyester Biomaterials. <i>ACS Macro Letters</i> , 2018, 7, 976-982.	2.3	275
1019	Lipid Polymer Hybrid Nanomaterials for mRNA Delivery. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 397-406.	1.0	57
1020	Incorporation of fast dissolving glucose porogens and poly(lactic-co-glycolic acid) microparticles within calcium phosphate cements for bone tissue regeneration. <i>Acta Biomaterialia</i> , 2018, 78, 341-350.	4.1	28
1021	Polyester-based particles to overcome the obstacles of mucus and biofilms in the lung for tobramycin application under static and dynamic fluidic conditions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 131, 120-129.	2.0	42
1022	Perivascular delivery of resolvin D1 inhibits neointimal hyperplasia in a rabbit vein graft model. <i>Journal of Vascular Surgery</i> , 2018, 68, 188S-200S.e4.	0.6	31

#	ARTICLE	IF	CITATIONS
1023	Engineering intelligent particle-lipid composites that control lipase-mediated digestion. <i>Advances in Colloid and Interface Science</i> , 2018, 260, 1-23.	7.0	20
1024	Polymeric Nanoparticles Enhance the Ability of Deferoxamine To Deplete Hepatic and Systemic Iron. <i>Nano Letters</i> , 2018, 18, 5782-5790.	4.5	27
1025	Pharmapolymer in the 21st century: Synthetic polymers in drug delivery applications. <i>Progress in Polymer Science</i> , 2018, 87, 107-164.	11.8	177
1026	Nanostructured biomimetic, bioresponsive, and bioactive biomaterials. , 2018, , 35-65.		1
1027	Engineering Atrazine Loaded Poly (lactic-co-glycolic Acid) Nanoparticles to Ameliorate Environmental Challenges. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7889-7898.	2.4	47
1028	Novel docetaxel chitosan-coated PLGA/PCL nanoparticles with magnified cytotoxicity and bioavailability. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1461-1468.	2.5	82
1029	Controlled formation of polylysinated inner pores in injectable microspheres of low molecular weight poly(lactide-co-glycolide) designed for efficient loading of therapeutic cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, S233-S246.	1.9	7
1030	Nanotherapeutics for Treatment of Pulmonary Arterial Hypertension. <i>Frontiers in Physiology</i> , 2018, 9, 890.	1.3	23
1031	Additive electrospinning for scaffold functionalization. , 2018, , 179-203.		0
1032	Exploiting Inherent Instability of 2D Black Phosphorus for Controlled Phosphate Release from Blow-Spun Poly(lactide-co-glycolide) Nanofibers. <i>ACS Applied Nano Materials</i> , 2018, 1, 4190-4197.	2.4	14
1033	Hollow Microparticles as a Superior Delivery System over Solid Microparticles for the Encapsulation of Peptides. <i>Pharmaceutical Research</i> , 2018, 35, 185.	1.7	9
1034	Influence of Drug Properties and Routes of Drug Administration on the Design of Controlled Release System. , 2018, , 179-223.		7
1035	Drug delivery systems based on nonimmunogenic biopolymers. , 2018, , 317-344.		14
1036	Iron Oxide Nanoparticles for Biomedical Applications: A Perspective on Synthesis, Drugs, Antimicrobial Activity, and Toxicity. <i>Antibiotics</i> , 2018, 7, 46.	1.5	428
1037	Apoptotic and Nonapoptotic Activities of Pterostilbene against Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 287.	1.8	43
1038	Copper-Free "Click" Chemistry-Based Synthesis and Characterization of Carbonic Anhydrase-IX Anchored Albumin-Paclitaxel Nanoparticles for Targeting Tumor Hypoxia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 838.	1.8	27
1039	Quantitative Assessment of Antimicrobial Activity of PLGA Films Loaded with 4-Hexylresorcinol. <i>Journal of Functional Biomaterials</i> , 2018, 9, 4.	1.8	30
1040	Advances in Degradable Embolic Microspheres: A State of the Art Review. <i>Journal of Functional Biomaterials</i> , 2018, 9, 14.	1.8	39

#	ARTICLE	IF	CITATIONS
1041	Biopolymer-Based Nanoparticles for Cystic Fibrosis Lung Gene Therapy Studies. <i>Materials</i> , 2018, 11, 122.	1.3	42
1042	Advances in Materials for Recent Low-Profile Implantable Bioelectronics. <i>Materials</i> , 2018, 11, 522.	1.3	38
1043	Precision Aliphatic Polyesters via Segmer Assembly Polymerization. <i>Molecules</i> , 2018, 23, 452.	1.7	10
1044	GE11 Peptide as an Active Targeting Agent in Antitumor Therapy: A Minireview. <i>Pharmaceutics</i> , 2018, 10, 2.	2.0	69
1045	Polymer-Based Nanomaterials and Applications for Vaccines and Drugs. <i>Polymers</i> , 2018, 10, 31.	2.0	227
1046	PLGA Microspheres Loaded with β -Cyclodextrin Complexes of Epigallocatechin-3-Gallate for the Anti-Inflammatory Properties in Activated Microglial Cells. <i>Polymers</i> , 2018, 10, 519.	2.0	16
1047	Novel PEG-Modified Hybrid PLGA-Vegetable Oils Nanostructured Carriers for Improving Performances of Indomethacin Delivery. <i>Polymers</i> , 2018, 10, 579.	2.0	23
1048	Disease-Triggered Drug Release Effectively Prevents Acute Inflammatory Flare-Ups, Achieving Reduced Dosing. <i>Small</i> , 2018, 14, e1800703.	5.2	18
1049	Inhaled bacteriophage-loaded polymeric microparticles ameliorate acute lung infections. <i>Nature Biomedical Engineering</i> , 2018, 2, 841-849.	11.6	68
1050	Engineered nanomaterials and human health: Part 2. Applications and nanotoxicology (IUPAC) Tj ETQq1 1 0.784314 rgBT / Overlock 107 0.95 27		
1051	Antileishmanial Activity of Amphotericin B-loaded-PLGA Nanoparticles: An Overview. <i>Materials</i> , 2018, 11, 1167.	1.3	40
1052	Chemical and in vitro characterization of epoxidized natural rubber blends for biomedical applications. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	12
1053	In Vivo Validation Model of a Novel Anti-Inflammatory Scaffold in Interleukin-10 Knockout Mouse. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 381-392.	1.6	5
1054	Electrospraying Electrospun Nanofiber Segments into Injectable Microspheres for Potential Cell Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25069-25079.	4.0	64
1055	Extended-Duration MK-8591-Eluting Implant as a Candidate for HIV Treatment and Prevention. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	104
1056	Magnetic field-inducible drug-eluting nanoparticles for image-guided thermo-chemotherapy. <i>Biomaterials</i> , 2018, 180, 240-252.	5.7	82
1057	Nanoparticle formulations that allow for sustained delivery and brain targeting of the neuropeptide oxytocin. <i>International Journal of Pharmaceutics</i> , 2018, 548, 698-706.	2.6	35
1058	Polymeric electrospun scaffolds for bone morphogenetic protein 2 delivery in bone tissue engineering. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 126-137.	5.0	54

#	ARTICLE	IF	CITATIONS
1059	MRI and Ultrasound Imaging of Nanoparticles for Medical Diagnosis. , 2018, , 333-365.		2
1060	Light-Guiding Biomaterials for Biomedical Applications. Advanced Functional Materials, 2018, 28, 1706635.	7.8	79
1061	Molecular docking of immunogenic peptide of Toxoplasma gondii and encapsulation with polymer as vaccine candidate. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 744-754.	1.9	7
1062	Design of Mucoadhesive PLGA Microparticles for Ocular Drug Delivery. ACS Applied Bio Materials, 2018, 1, 561-571.	2.3	38
1063	X-ray radiation-induced and targeted photodynamic therapy with folic acid-conjugated biodegradable nanoconstructs. International Journal of Nanomedicine, 2018, Volume 13, 3553-3570.	3.3	44
1064	Dual-Layer Coated Drug-Eluting Stents with Improved Degradation Morphology and Controlled Drug Release. Macromolecular Research, 2018, 26, 641-649.	1.0	5
1065	Bioresorbable Materials for Orthopedic Applications (Lactide and Glycolide Based). , 2018, , 287-344.		3
1066	Design and Near-Infrared Actuation of a Gold Nanorod-Polymer Microelectromechanical Device for On-Demand Drug Delivery. Micromachines, 2018, 9, 28.	1.4	9
1067	A molecular dynamics simulation study on the mechanism of loading of gemcitabine and camptothecin in poly lactic-co-glycolic acid as a nano drug delivery system. Journal of Molecular Liquids, 2018, 269, 110-118.	2.3	35
1068	Improving the hemocompatibility of catheters via NO release/generation. , 2018, , 431-455.		1
1069	A comparative assessment of continuous production techniques to generate sub-micron size PLGA particles. International Journal of Pharmaceutics, 2018, 550, 140-148.	2.6	29
1070	Influence of polymer composition and drug loading procedure on dual drug release from PLGA:PEG electrospun fibers. European Journal of Pharmaceutical Sciences, 2018, 124, 71-79.	1.9	26
1071	Human Conjunctival Epithelial Sheets Grown on Poly(Lactic-Co-Glycolic) Acid Membranes and Cocultured With Human Tenon's Fibroblasts for Corneal Repair. , 2018, 59, 1475.		14
1072	Paradox of PEGylation in fabricating hybrid nanoparticle-based nicotine vaccines. Biomaterials, 2018, 182, 72-81.	5.7	17
1073	Rapid production of single- and multi-compartment polymeric microcapsules in a facile 3D microfluidic process for magnetic separation and synergistic delivery. Sensors and Actuators B: Chemical, 2018, 275, 190-198.	4.0	30
1074	Paclitaxel-Loaded PLA/PEG/Magnetite Anticancer and Hyperthermic Agent Prepared From Materials Obtained by the Ugi's Multicomponent Reaction. Macromolecular Symposia, 2018, 380, 1800094.	0.4	13
1075	Perfluorooctylbromide nanoparticles for ultrasound imaging and drug delivery. International Journal of Nanomedicine, 2018, Volume 13, 3053-3067.	3.3	32
1076	A Dual Bioconjugated Virus-Like Nanoparticle as a Drug Delivery System and Comparison with a pH-Responsive Delivery System. Nanomaterials, 2018, 8, 236.	1.9	22

#	ARTICLE	IF	CITATIONS
1077	Novel microgel-based scaffolds to study the effect of degradability on human dermal fibroblasts. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 055007.	1.7	5
1078	Induction of Th1 type-oriented humoral response through intranasal immunization of mice with SAG1-Toxoplasma gondii polymeric nanospheres. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1025-1034.	1.9	18
1079	NIR photo-driven upconversion in NaYF ₄ :Yb,Er/PLGA particles for in vitro bioimaging of cancer cells. <i>Materials Science and Engineering C</i> , 2018, 91, 597-605.	3.8	20
1080	Current perspectives on drug release studies from polymeric nanoparticles. , 2018, , 101-145.		6
1081	Targeted photodynamic-induced singlet oxygen production by peptide-conjugated biodegradable nanoparticles for treatment of skin melanoma. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 181-189.	1.3	19
1082	Long-acting parenteral combination antiretroviral loaded nano-drug delivery system to treat chronic HIV-1 infection: A humanized mouse model study. <i>Antiviral Research</i> , 2018, 156, 85-91.	1.9	36
1083	Biodegradable PEG-poly(ϵ -pentadecalactone-co-p-dioxanone) nanoparticles for enhanced and sustained drug delivery to treat brain tumors. <i>Biomaterials</i> , 2018, 178, 193-203.	5.7	43
1084	Neutralization of cholera toxin with nanoparticle decoys for treatment of cholera. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006266.	1.3	19
1085	Nanocarriers for the delivery of temozolomide in the treatment of glioblastoma. , 2018, , 687-722.		10
1086	Development and characterization of L-HSA conjugated PLGA nanoparticle for hepatocyte targeted delivery of antiviral drug. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 77-94.	1.4	18
1087	Innervation of an engineered muscle graft for reconstruction of muscle defects. <i>American Journal of Transplantation</i> , 2019, 19, 37-47.	2.6	15
1088	Polymeric Biomaterials for Scaffold-Based Bone Regenerative Engineering. <i>Regenerative Engineering and Translational Medicine</i> , 2019, 5, 128-154.	1.6	91
1089	Biomaterials for Tissue Engineering and Regenerative Medicine. , 2019, , 462-482.		53
1090	Vascularization of PLGA-based bioartificial beds by hypoxia-preconditioned mesenchymal stem cells for subcutaneous xenogeneic islet transplantation. <i>Xenotransplantation</i> , 2019, 26, e12441.	1.6	14
1091	Kunststoffe der Zukunft? Der Einfluss von bioabbaubaren Polymeren auf Umwelt und Gesellschaft. <i>Angewandte Chemie</i> , 2019, 131, 50-63.	1.6	58
1092	Antibacterial Activity of Vancomycin Encapsulated in Poly(DL-lactide-co-glycolide) Nanoparticles Using Electrospraying. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 310-316.	1.9	10
1093	Plastics of the Future? The Impact of Biodegradable Polymers on the Environment and on Society. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 50-62.	7.2	898
1094	Nano-engineered delivery systems for cancer imaging and therapy: Recent advances, future direction and patent evaluation. <i>Drug Discovery Today</i> , 2019, 24, 462-491.	3.2	73

#	ARTICLE	IF	CITATIONS
1095	Generation and histomorphometric evaluation of a novel fluvastatin-containing poly(lactic-co-glycolic acid) membrane for guided bone regeneration. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 37-45.	0.9	8
1096	The potential of oxalic and glycolic acid based polyesters (review). Towards CO ₂ as a feedstock (Carbon Capture and Utilization – CCU). <i>European Polymer Journal</i> , 2019, 119, 445-468.	2.6	70
1097	Co-delivery of immunomodulators in biodegradable nanoparticles improves therapeutic efficacy of cancer vaccines. <i>Biomaterials</i> , 2019, 220, 119417.	5.7	64
1098	SN-38-Loaded PLGA microspheres injected intratumorally for cancer: preparation, characterization and evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101178.	1.4	5
1099	Utilizing nanoparticles for improving anti-biofilm effects of azithromycin: A head-to-head comparison of modified hyaluronic acid nanogels and coated poly (lactic-co-glycolic acid) nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 595-606.	5.0	42
1100	An in vitro Assessment of Thermo-Reversible Gel Formulation Containing Sunitinib Nanoparticles for Neovascular Age-Related Macular Degeneration. <i>AAPS PharmSciTech</i> , 2019, 20, 281.	1.5	37
1101	The distribution of cell-penetrating peptides on polymeric nanoparticles prepared using microfluidics and elucidated with small angle X-ray scattering. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 438-448.	5.0	18
1102	Oxidation-Sensitive Dextran-Based Polymer with Improved Processability through Stable Boronic Ester Groups. <i>ACS Applied Bio Materials</i> , 2019, 2, 3755-3762.	2.3	8
1103	Chlorotoxin modified morusin-PLGA nanoparticles for targeted glioblastoma therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5896-5919.	2.9	39
1104	Factorial Design as a Tool for the Optimization of PLGA Nanoparticles for the Co-Delivery of Temozolomide and O6-Benzylguanine. <i>Pharmaceutics</i> , 2019, 11, 401.	2.0	38
1105	Application of statistical design to evaluate critical process parameters and optimize formulation technique of polymeric nanoparticles. <i>Royal Society Open Science</i> , 2019, 6, 190896.	1.1	16
1106	Nonclinical Immunotoxicity Testing in the Pharmaceutical World: The Past, Present, and Future. <i>Therapeutic Innovation and Regulatory Science</i> , 2019, , 216847901986455.	0.8	1
1107	Preferential uptake of chitosan-coated PLGA nanoparticles by primary human antigen presenting cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102073.	1.7	33
1108	Design and In Vivo Pharmacokinetic Evaluation of Triamcinolone Acetonide Microcrystals-Loaded PLGA Microsphere for Increased Drug Retention in Knees after Intra-Articular Injection. <i>Pharmaceutics</i> , 2019, 11, 419.	2.0	20
1109	Oral pentamidine-loaded poly(d,l-lactic-co-glycolic) acid nanoparticles: an alternative approach for leishmaniasis treatment. <i>Nanotechnology</i> , 2019, 30, 455102.	1.3	33
1110	RNAi therapeutic strategies for acute respiratory distress syndrome. <i>Translational Research</i> , 2019, 214, 30-49.	2.2	15
1111	Glycyrrhizic acid-loaded pH-sensitive poly-(lactic-co-glycolic acid) nanoparticles for the amelioration of inflammatory bowel disease. <i>Nanomedicine</i> , 2019, 14, 1945-1969.	1.7	36
1112	Encapsulating doxorubicin-intercalated lamellar nanohydroxyapatite into PLGA nanofibers for sustained drug release. <i>Current Applied Physics</i> , 2019, 19, 1204-1210.	1.1	22

#	ARTICLE	IF	CITATIONS
1113	Emerging frontiers in drug release control by core-shell nanofibers: a review. <i>Drug Metabolism Reviews</i> , 2019, 51, 589-611.	1.5	29
1114	Design and Evaluation of a Poly(Lactide-co-Glycolide)-Based In Situ Film-Forming System for Topical Delivery of Trolamine Salicylate. <i>Pharmaceutics</i> , 2019, 11, 409.	2.0	11
1115	Functionalized polyester-based materials as UV curable adhesives. <i>European Polymer Journal</i> , 2019, 120, 109196.	2.6	15
1116	Novel and safe single-dose treatment of cutaneous leishmaniasis with implantable amphotericin B-loaded microparticles. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 11, 148-155.	1.4	13
1117	In vivo evaluation of solid lipid microparticles and hybrid polymer-lipid microparticles for sustained delivery of leuprolide. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 315-321.	2.0	9
1118	One-Pot Synthesis of Highly Monodisperse Poly(lactic-co-glycolic Acid) Particles with Controlled Porosity as Efficient Drug Delivery Vehicles. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 851-856.	1.0	1
1119	Novel nanostructure obtained from pacamã, <i>Lophiosilurus alexandri</i> , skin mucus presents potential as a bioactive carrier in fish. <i>Aquaculture</i> , 2019, 512, 734294.	1.7	2
1120	Codelivery of paclitaxel and temozolomide through a photopolymerizable hydrogel prevents glioblastoma recurrence after surgical resection. <i>Journal of Controlled Release</i> , 2019, 309, 72-81.	4.8	87
1121	Bionanopolymers for Drug Delivery. <i>Materials Horizons</i> , 2019, , 191-220.	0.3	1
1122	Physical impacts of PLGA scaffolding on hMSCs: Recovery neurobiology insight for implant design to treat spinal cord injury. <i>Experimental Neurology</i> , 2019, 320, 112980.	2.0	19
1123	Intravascular innate immune cells reprogrammed via intravenous nanoparticles to promote functional recovery after spinal cord injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14947-14954.	3.3	83
1124	Degradation of Polymer Films on Surfaces: A Model Study with Poly(sebacic anhydride). <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900121.	1.1	6
1125	Polymeric and lipid-based drug delivery systems for treatment of glioblastoma multiforme. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 79, 261-273.	2.9	30
1126	Biodegradable PLGA Nanoparticles Restore Lysosomal Acidity and Protect Neural PC-12 Cells against Mitochondrial Toxicity. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13910-13917.	1.8	28
1127	Electrodeposition of Ginseng/Polyaniline Encapsulated Poly(lactic-co-glycolic Acid) Microcapsule Coating on Stainless Steel 316L at Different Deposition Parameters. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 445-451.	0.6	5
1128	Sustained Release of Basic Fibroblast Growth Factor (bFGF) Encapsulated Polycaprolactone (PCL) Microspheres Promote Angiogenesis In Vivo. <i>Nanomaterials</i> , 2019, 9, 1037.	1.9	24
1129	Gentamicin Loaded PLGA based Biodegradable Material for Controlled Drug Delivery. <i>ChemistrySelect</i> , 2019, 4, 8172-8177.	0.7	4
1130	Single-Particle Tracking for Understanding Polydisperse Nanoparticle Dispersions. <i>Small</i> , 2019, 15, 1901468.	5.2	13

#	ARTICLE	IF	CITATIONS
1131	Preparation of polymer microspheres capable for pioglitazone release to modify macrophages function. <i>Regenerative Therapy</i> , 2019, 11, 131-138.	1.4	7
1132	Delivery of bioactives in food for optimal efficacy: What inspirations and insights can be gained from pharmaceuticals?. <i>Trends in Food Science and Technology</i> , 2019, 91, 557-573.	7.8	51
1133	Remote targeted implantation of sound-sensitive biodegradable multi-cavity microparticles with focused ultrasound. <i>Scientific Reports</i> , 2019, 9, 9612.	1.6	18
1134	Poly(\pm -hydroxy acid)-Based Nanoparticles for Drug/Gene Delivery for Cancer Therapy. , 2019, , 81-99.		0
1135	Regeneration and Repair of Skin Wounds: Various Strategies for Treatment. <i>International Journal of Lower Extremity Wounds</i> , 2019, 18, 247-261.	0.6	46
1136	Nanofibrous Scaffolds for Tissue Engineering Application. , 2019, , 665-691.		0
1137	Green Biopolymers and their Nanocomposites. <i>Materials Horizons</i> , 2019, , .	0.3	11
1138	Human Adipose-Derived Stem Cell Secreted Extracellular Matrix Incorporated into Electrospun Poly(Lactic-co-Glycolic Acid) Nanofibrous Dressing for Enhancing Wound Healing. <i>Polymers</i> , 2019, 11, 1609.	2.0	23
1139	Rekindling RNAi Therapy: Materials Design Requirements for In Vivo siRNA Delivery. <i>Advanced Materials</i> , 2019, 31, e1903637.	11.1	187
1140	Microfluidic Devices in Fabricating Nano or Micromaterials for Biomedical Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1900488.	3.0	48
1141	Encapsulation of crocetin into poly (lactic-co-glycolic acid) nanoparticles overcomes drug resistance in human ovarian cisplatin-resistant carcinoma cell line (A2780-RCIS). <i>Molecular Biology Reports</i> , 2019, 46, 6525-6532.	1.0	10
1142	Enzyme-encapsulating polymeric nanoparticles: A potential adjunctive therapy in <i>Pseudomonas aeruginosa</i> biofilm-associated infection treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110512.	2.5	19
1143	Development and in vitro assessment of an anti-tumor nano-formulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110481.	2.5	6
1144	A Systematic Experimental and Computational Analysis of Commercially Available Aliphatic Polyesters. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3397.	1.3	4
1145	Sustained release and pharmacologic evaluation of human glucagon-like peptide-1 and liraglutide from polymeric microparticles. <i>Journal of Microencapsulation</i> , 2019, 36, 747-758.	1.2	14
1146	Clarithromycin-Loaded Poly (Lactic-co-glycolic Acid) (PLGA) Nanoparticles for Oral Administration: Effect of Polymer Molecular Weight and Surface Modification with Chitosan on Formulation, Nanoparticle Characterization and Antibacterial Effects. <i>Polymers</i> , 2019, 11, 1632.	2.0	42
1147	Multifunctional magnetic-polymeric nanoparticles based ferrofluids for multi-modal in vitro cancer treatment using thermotherapy and chemotherapy. <i>Journal of Molecular Liquids</i> , 2019, 293, 111549.	2.3	27
1148	Adjuvants and delivery systems based on polymeric nanoparticles for mucosal vaccines. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118731.	2.6	73

#	ARTICLE	IF	CITATIONS
1149	Exploring with Molecular Dynamics the Structural Fate of PLGA Oligomers in Various Solvents. <i>Journal of Physical Chemistry B</i> , 2019, 123, 10233-10244.	1.2	18
1150	Cartilage Tissue Engineering and Regeneration. , 0, , .		0
1151	Composite Thermoresponsive Hydrogel with Auranofin-Loaded Nanoparticles for Topical Treatment of Vaginal Trichomonad Infection. <i>Advanced Therapeutics</i> , 2019, 2, 1900157.	1.6	19
1152	3D printing of biopolymer nanocomposites for tissue engineering: Nanomaterials, processing and structure-function relation. <i>European Polymer Journal</i> , 2019, 121, 109340.	2.6	89
1153	Poly(lactic acid) and poly(lactic-co-glycolic) acid nanoparticles: versatility in biomedical applications. , 2019, , 199-216.		3
1154	Investigation of Mucoadhesion and Degradation of PCL and PLGA Microcontainers for Oral Drug Delivery. <i>Polymers</i> , 2019, 11, 1828.	2.0	22
1155	Nanoengineering Materials for Biomedical Uses. , 2019, , .		2
1156	Evaluation of sodium valproate loaded nanoparticles in acute and chronic pentylenetetrazole induced seizure models. <i>Epilepsy Research</i> , 2019, 158, 106219.	0.8	11
1157	Nanovaccines. , 2019, , .		8
1158	Influence of the PLGA/gelatin ratio on the physical, chemical and biological properties of electrospun scaffolds for wound dressings. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 045006.	1.7	28
1159	Long-acting reversible contraception by effervescent microneedle patch. <i>Science Advances</i> , 2019, 5, eaaw8145.	4.7	150
1160	Nanoparticle-based vaccine development and evaluation against viral infections in pigs. <i>Veterinary Research</i> , 2019, 50, 90.	1.1	50
1161	PRP and BMAC for Musculoskeletal Conditions via Biomaterial Carriers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5328.	1.8	16
1162	Effect of Preparation Parameters on Microparticles with High Loading Capacity and Adsorption Property Adsorbed on Functional Paper. <i>Coatings</i> , 2019, 9, 704.	1.2	4
1163	High strength PLGA/Hydroxyapatite composites with tunable surface structure using PLGA direct grafting method for orthopedic implants. <i>Composites Part B: Engineering</i> , 2019, 178, 107449.	5.9	40
1164	Polymeric nanobiotics as a novel treatment for mycobacterial infections. <i>Journal of Controlled Release</i> , 2019, 314, 116-124.	4.8	23
1165	Utilization of Microfluidics for the Preparation of Polymeric Nanoparticles for the Antioxidant Rutin: A Comparison with Bulk Production. <i>Pharmaceutical Nanotechnology</i> , 2019, 7, 469-483.	0.6	13
1166	Effect of Polymer Permeability and Solvent Removal Rate on In Situ Forming Implants: Drug Burst Release and Microstructure. <i>Pharmaceutics</i> , 2019, 11, 520.	2.0	23

#	ARTICLE	IF	CITATIONS
1167	Biocompatible Polymer Nanoparticles for Drug Delivery Applications in Cancer and Neurodegenerative Disorder Therapies. <i>Journal of Functional Biomaterials</i> , 2019, 10, 4.	1.8	291
1168	Nanotoxicologic Effects of PLGA Nanoparticles Formulated with a Cell-Penetrating Peptide: Searching for a Safe pDNA Delivery System for the Lungs. <i>Pharmaceutics</i> , 2019, 11, 12.	2.0	29
1169	Decoy nanoparticles bearing native C5a receptors as a new approach to inhibit complement-mediated neutrophil activation. <i>Acta Biomaterialia</i> , 2019, 99, 330-338.	4.1	8
1170	Biodegradable polymers and constructs: A novel approach in drug delivery. <i>European Polymer Journal</i> , 2019, 120, 109191.	2.6	181
1171	Regenerative Therapies for Spinal Cord Injury. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 471-491.	2.5	100
1172	Nucleic acids presenting polymer nanomaterials as vaccine adjuvants. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6321-6346.	2.9	26
1173	Formulation of Dry Powder Inhaler of Anti-tuberculous Drugs Using Spray Drying Technique and Optimization Using 23 Level Factorial Design Approach. <i>Current Drug Therapy</i> , 2019, 14, 239-260.	0.2	3
1174	Minocycline-loaded calcium polyphosphate glass microspheres as a potential drug-delivery agent for the treatment of periodontitis. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2019, 17, 228080001986363.	0.7	9
1175	Encapsulation of plant growth promoting <i>Rhizobacteria</i> prospects and potential in agricultural sector: a review. <i>Journal of Plant Nutrition</i> , 2019, 42, 2600-2623.	0.9	39
1176	Cyclic β -(1, 2)-glucan blended poly DL lactic co glycolic acid (PLGA 10:90) nanoparticles for drug delivery. <i>Heliyon</i> , 2019, 5, e02289.	1.4	3
1177	Polydatin Encapsulated Poly [Lactic-co-glycolic acid] Nanoformulation Counteract the 7,12-Dimethylbenz[a] Anthracene Mediated Experimental Carcinogenesis through the Inhibition of Cell Proliferation. <i>Antioxidants</i> , 2019, 8, 375.	2.2	20
1178	Quantitative Drug Release Monitoring in Tumors of Living Subjects by Magnetic Particle Imaging Nanocomposite. <i>Nano Letters</i> , 2019, 19, 6725-6733.	4.5	93
1179	Effective chemoimmunotherapy by co-delivery of doxorubicin and immune adjuvants in biodegradable nanoparticles. <i>Theranostics</i> , 2019, 9, 6485-6500.	4.6	45
1180	Ultra-long-acting tunable biodegradable and removable controlled release implants for drug delivery. <i>Nature Communications</i> , 2019, 10, 4324.	5.8	92
1181	Scalable Production of Monodisperse Functional Microspheres by Multilayer Parallelization of High Aspect Ratio Microfluidic Channels. <i>Micromachines</i> , 2019, 10, 592.	1.4	15
1182	<p>Nanofibrous vildagliptin-eluting stents enhance re-endothelialization and reduce neointimal formation in diabetes: in vitro and in vivo</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7503-7513.	3.3	19
1183	A 4-D approach for amelioration of periodontitis. <i>Medical Hypotheses</i> , 2019, 133, 109392.	0.8	10
1184	Niclosamide encapsulated polymeric nanocarriers for targeted cancer therapy. <i>RSC Advances</i> , 2019, 9, 26572-26581.	1.7	13

#	ARTICLE	IF	CITATIONS
1185	Data-Driven Development of Predictive Models for Sustained Drug Release. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3582-3591.	1.6	4
1186	<p>In vitro"in vivo evaluation of chitosan-PLGA nanoparticles for potentiated gastric retention and anti-ulcer activity of diosmin<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7191-7213.	3.3	79
1187	Encapsulated Carbenoxolone Reduces Lung Metastases. <i>Cancers</i> , 2019, 11, 1383.	1.7	9
1188	Simvastatin Nanoparticles Reduce Inflammation in LPS-Stimulated Alveolar Macrophages. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3890-3897.	1.6	12
1189	Pharmacokinetics of nanotechnology-based formulations in pediatric populations. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 44-55.	6.6	23
1190	Imaging Rheumatoid Arthritis in Mice Using Combined Near Infrared and 19F Magnetic Resonance Modalities. <i>Scientific Reports</i> , 2019, 9, 14314.	1.6	14
1191	Novel multi-drugs incorporating hybrid-structured nanofibers enhance alkylating agent activity in malignant gliomas. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591987555.	1.4	5
1192	Long lasting in-situ forming implant loaded with raloxifene HCl: An injectable delivery system for treatment of bone injuries. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118703.	2.6	30
1193	Production of dasatinib encapsulated spray-dried poly (lactic-co-glycolic acid) particles. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101204.	1.4	8
1194	Development of an advanced nanoformulation for the intracellular delivery of a caspase-3 selective activity-based probe. <i>Nanoscale</i> , 2019, 11, 742-751.	2.8	6
1195	Insights into the structural dynamics of poly lactic-<i>co</i>-glycolic acid at terahertz frequencies. <i>Polymer Chemistry</i> , 2019, 10, 351-361.	1.9	30
1196	Considerations for hydrogel applications to neural bioelectronics. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1625-1636.	2.9	54
1197	Exploiting PLGA-Based Biocompatible Nanoparticles for Next-Generation Tolerogenic Vaccines against Autoimmune Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 204.	1.8	86
1198	Combinatorial nanocarriers against drug resistance in hematological cancers: Opportunities and emerging strategies. <i>Journal of Controlled Release</i> , 2019, 296, 114-139.	4.8	36
1199	Tunable biomaterials from synthetic, sequence-controlled polymers. <i>Biomaterials Science</i> , 2019, 7, 490-505.	2.6	54
1200	Electrospinning of highly aligned fibers for drug delivery applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 224-232.	2.9	55
1201	Gold-Tagged Polymeric Nanoparticles with Spatially Controlled Composition for Enhanced Detectability in Biological Environments. <i>ACS Applied Nano Materials</i> , 2019, 2, 917-926.	2.4	6
1202	Supercritical CO2 - assisted production of PLA and PLGA foams for controlled thymol release. <i>Materials Science and Engineering C</i> , 2019, 99, 394-404.	3.8	73

#	ARTICLE	IF	CITATIONS
1203	Zoledronic Acid-containing Nanoparticles With Minimum Premature Release Show Enhanced Activity Against Extraskelatal Tumor. ACS Applied Materials & Interfaces, 2019, 11, 7311-7319.	4.0	32
1204	Applications of Polyhydroxyalkanoates Based Nanovehicles as Drug Carriers. , 2019, , 125-169.		2
1205	Degradable Nanoparticles Restore Lysosomal pH and Autophagic Flux in Lipotoxic Pancreatic Beta Cells. Advanced Healthcare Materials, 2019, 8, e1801511.	3.9	23
1206	Latest Progress in Electrospun Nanofibers for Wound Healing Applications. ACS Applied Bio Materials, 2019, 2, 952-969.	2.3	258
1207	Formulation development and <i>in vitro</i> evaluation of gentamicin sulfate-loaded PLGA nanoparticles based film for the treatment of surgical site infection by Boxâ€œBehnken design. Drug Development and Industrial Pharmacy, 2019, 45, 805-818.	0.9	11
1208	Quantitative micro-Raman analysis of micro-particles in drug delivery. Nanoscale Advances, 2019, 1, 1541-1552.	2.2	9
1209	Review of Current Strategies for Delivering Alzheimerâ€™s Disease Drugs across the Blood-Brain Barrier. International Journal of Molecular Sciences, 2019, 20, 381.	1.8	145
1210	Biodegradable andrographolide-eluting nanofibrous membranes for the treatment of cervical cancer. International Journal of Nanomedicine, 2019, Volume 14, 421-429.	3.3	15
1211	Biotechnological Applications of Polyhydroxyalkanoates. , 2019, , .		24
1212	Photothermal-Controlled Generation of Alkyl Radical from Organic Nanoparticles for Tumor Treatment. ACS Applied Materials & Interfaces, 2019, 11, 5782-5790.	4.0	37
1213	Polyhydroxyalkanoates Applications in Drug Carriers. , 2019, , 77-124.		6
1214	Encapsulation of Thymol in Biodegradable Nanofiber via Coaxial Eletrospinning and Applications in Fruit Preservation. Journal of Agricultural and Food Chemistry, 2019, 67, 1736-1741.	2.4	88
1215	Functional assessment of peptide-modified PLGA nanoparticles against oral biofilms in a murine model of periodontitis. Journal of Controlled Release, 2019, 297, 3-13.	4.8	36
1216	Biomedical Applications of Electrospun Polymer Composite Nanofibres. Lecture Notes in Bioengineering, 2019, , 111-165.	0.3	5
1217	Polymeric Nanoparticulates as Efficient Anticancer Drugs Delivery Systems. Advanced Structured Materials, 2019, , 55-84.	0.3	3
1218	Biomaterial-assisted local and systemic delivery of bioactive agents for bone repair. Acta Biomaterialia, 2019, 93, 152-168.	4.1	68
1219	Polymer Nanocomposites in Biomedical Engineering. Lecture Notes in Bioengineering, 2019, , .	0.3	17
1220	Effects of hydroxyapatite@poly-lactide-co-glycolide nanoparticles combined with Pb and Cd on liver and kidney parenchyma after the reconstruction of mandibular bone defects. Toxicology Research, 2019, 8, 287-296.	0.9	4

#	ARTICLE	IF	CITATIONS
1221	Oral Delivery of Honokiol Microparticles for Nonrapid Eye Movement Sleep. <i>Molecular Pharmaceutics</i> , 2019, 16, 737-743.	2.3	7
1222	Microfluidic assisted synthesis of PLGA drug delivery systems. <i>RSC Advances</i> , 2019, 9, 2055-2072.	1.7	87
1223	<p>Single-dose Ag85B-ESAT-6 loaded&ndash;poly(lacticco-glycolic acid) nanoparticles confer protective immunity against tuberculosis<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3129-3143.	3.3	20
1224	Synthesis of Bioresorbable Poly(Lactic-co-Glycolic Acid)s Through Direct Polycondensation: An Economical Substitute for the Synthesis of Polyglactin via ROP of Lactide and Glycolide. <i>Fibers and Polymers</i> , 2019, 20, 887-895.	1.1	6
1225	Formulation of Antimicrobial Tobramycin Loaded PLGA Nanoparticles via Complexation with AOT. <i>Journal of Functional Biomaterials</i> , 2019, 10, 26.	1.8	43
1226	Novel lignin nanoparticles for oral drug delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4461-4473.	2.9	112
1227	New insights into the PLGA and PCL blending: physico-mechanical properties and cell response. <i>Materials Research Express</i> , 2019, 6, 085344.	0.8	14
1228	CELL growth and viability analysis in poli membranes (L-lactic acid-CO-glycolic acid): an in vitro study. <i>Rgo</i> , 0, 67, .	0.2	0
1229	Synthesis, purification, and anticancer effect of magnetic Fe₃O₄-loaded poly (lactic-co-glycolic) nanoparticles of the natural drug tetrandrine. <i>Journal of Microencapsulation</i> , 2019, 36, 356-370.	1.2	13
1230	Enhancing the efficacy of fluocinolone acetonide by encapsulating with PLGA nanoparticles and conjugating with linear PEG polymer. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1188-1211.	1.9	8
1231	Photodynamic Therapy of Ovarian Carcinoma Cells with Curcumin-Loaded Biodegradable Polymeric Nanoparticles. <i>Pharmaceutics</i> , 2019, 11, 282.	2.0	72
1232	Drug Delivery: Polymers in the Development of Controlled Release Systems. <i>Polymers and Polymeric Composites</i> , 2019, , 719-747.	0.6	2
1233	Epithelial-mesenchymal transition of cancer cells using bioengineered hybrid scaffold composed of hydrogel/3D-fibrous framework. <i>Scientific Reports</i> , 2019, 9, 8997.	1.6	30
1234	Sustained release of strontium (Sr²⁺) from polycaprolactone/poly (D,L-lactide-co-glycolide)-polyvinyl alcohol coaxial nanofibers enhances osteoblastic differentiation. <i>Journal of Biomaterials Applications</i> , 2019, 34, 533-545.	1.2	7
1236	Polydopamine-tailored paclitaxel-loaded polymeric microspheres with adhered NIR-controllable gold nanoparticles for chemo-phototherapy of pancreatic cancer. <i>Drug Delivery</i> , 2019, 26, 629-640.	2.5	44
1237	Complexes of rare earth ions embedded in poly(lactic-co-glycolic acid) (PLGA) nanoparticles: Characterization and spectroscopic study. <i>Optical Materials</i> , 2019, 94, 249-256.	1.7	8
1238	Exotoxin A-PLGA nanoconjugate vaccine against <i>Pseudomonas aeruginosa</i> infection: protectivity in murine model. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 94.	1.7	21
1239	Influence of Short-Range Scrambling of Monomer Order on the Hydrolysis Behaviors of Sequenced Degradable Polyesters. <i>Macromolecules</i> , 2019, 52, 4694-4702.	2.2	11

#	ARTICLE	IF	CITATIONS
1240	Growth factor delivery: Defining the next generation platforms for tissue engineering. <i>Journal of Controlled Release</i> , 2019, 306, 40-58.	4.8	143
1241	Microparticles for Suspension Culture of Mammalian Cells. <i>ACS Applied Bio Materials</i> , 2019, 2, 2791-2801.	2.3	16
1242	Recent advances in polymer-based drug delivery systems for local anesthetics. <i>Acta Biomaterialia</i> , 2019, 96, 55-67.	4.1	58
1243	Nanocarrier-Based Antimicrobial Phytochemicals. , 2019, , 299-314.		6
1244	Electrospun Ag/PMA Nanofibrous Scaffold as a Drug Delivery System. <i>Current Nanomaterials</i> , 2019, 4, 32-38.	0.2	4
1245	Development of PLGA microparticles with high immunoglobulin G-loaded levels and sustained-release properties obtained by spray-drying a water-in-oil emulsion. <i>International Journal of Pharmaceutics</i> , 2019, 566, 291-298.	2.6	17
1246	Determination of Electrospinning Parametersâ€™ Strength in Poly(D,L)-lactide-co-glycolide Micro/Nanofiber Diameter Tailoring. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	1.5	17
1247	Design and characterization of biodegradable multi layered electrospun nanofibers for corneal tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2340-2349.	2.1	32
1248	Effect of surfactant on the size and stability of PLGA nanoparticles encapsulating a protein kinase C inhibitor. <i>International Journal of Pharmaceutics</i> , 2019, 566, 756-764.	2.6	44
1249	Advances in Biomaterials and Technologies for Vascular Embolization. <i>Advanced Materials</i> , 2019, 31, e1901071.	11.1	133
1250	Development of biomimetic electrospun polymeric biomaterials for bone tissue engineering. A review. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1308-1355.	1.9	93
1251	Injectable biomaterials for delivery of interleukin-1 receptor antagonist: Toward improving its therapeutic effect. <i>Acta Biomaterialia</i> , 2019, 93, 123-134.	4.1	14
1252	Poly(lactic acid)/poly(lactic-co-glycolic acid)-based microparticles: an overview. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 337-346.	2.7	147
1253	Insulin-like growth factor-1 (IGF-1) poly (lactic-co-glycolic acid) (PLGA) microparticles â€™ development, characterisation, and <i>in vitro</i> assessment of bioactivity for cardiac applications. <i>Journal of Microencapsulation</i> , 2019, 36, 267-277.	1.2	10
1254	Conducting Polymeric Nanocomposites with a Three-Dimensional Co-flow Microfluidics Platform. <i>Micromachines</i> , 2019, 10, 383.	1.4	12
1255	Thermosensitive hydrogels for sustained-release of sorafenib and selenium nanoparticles for localized synergistic chemoradiotherapy. <i>Biomaterials</i> , 2019, 216, 119220.	5.7	89
1256	A CRISPR/Cas9 based polymeric nanoparticles to treat/inhibit microbial infections. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 44-52.	2.3	21
1257	Combinatorial, Microparticle-Based Delivery of Immune Modulators Reprograms the Dendritic Cell Phenotype and Promotes Remission of Collagen-Induced Arthritis in Mice. <i>ACS Applied Bio Materials</i> , 2019, 2, 2388-2404.	2.3	31

#	ARTICLE	IF	CITATIONS
1258	Long acting injectable formulations: the state of the arts and challenges of poly(lactic-co-glycolic) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 2019, 49, 459-476.	2.7	44
1259	Therapeutic implications of nanomedicine for ocular drug delivery. <i>Drug Discovery Today</i> , 2019, 24, 1524-1538.	3.2	85
1260	Pharmaceutically modified subtilisins withstand acidic conditions and effectively degrade gluten in vivo. <i>Scientific Reports</i> , 2019, 9, 7505.	1.6	16
1261	Comprehensive Evaluation of Degradable and Cost-Effective Plasmonic Nanoshells for Localized Photothermolysis of Cancer Cells. <i>Langmuir</i> , 2019, 35, 7805-7815.	1.6	22
1262	Microparticle Depots for Controlled and Sustained Release of Endosomolytic Nanoparticles. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 429-442.	1.0	9
1263	Alginate modified-PLGA nanoparticles entrapping amikacin and moxifloxacin as a novel host-directed therapy for multidrug-resistant tuberculosis. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 642-651.	1.4	58
1264	Encapsulation of proteins from <i>Leishmania panamensis</i> into PLGA particles by a single emulsion-solvent evaporation method. <i>Journal of Microbiological Methods</i> , 2019, 162, 1-7.	0.7	32
1265	Encapsulation of Photosystem I in Organic Microparticles Increases Its Photochemical Activity and Stability for Ex Vivo Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10435-10444.	3.2	12
1266	The dosage effects of dexamethasone on osteogenic activity and biocompatibility of poly(lactic-co-glycolic acid)/hydroxyapatite nanofibers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1823-1832.	1.9	15
1267	Superiority of PLGA microparticle-encapsulated formalin-killed cell vaccine in protecting olive flounder against <i>Streptococcus parauberis</i> . <i>Aquaculture</i> , 2019, 509, 67-71.	1.7	5
1268	Pterostilbene: Mechanisms of its action as oncostatic agent in cell models and in vivo studies. <i>Pharmacological Research</i> , 2019, 145, 104265.	3.1	51
1269	Preparation of biodegradable functionalized polyesters aimed to be used as surgical adhesives. <i>European Polymer Journal</i> , 2019, 117, 442-454.	2.6	9
1270	Micro/Nanoparticle Delivery Systems for Ocular Diseases. <i>Assay and Drug Development Technologies</i> , 2019, 17, 152-166.	0.6	14
1271	ICAM3-Fc Outperforms Receptor-Specific Antibodies Targeted Nanoparticles to Dendritic Cells for Cross-Presentation. <i>Molecules</i> , 2019, 24, 1825.	1.7	10
1272	Nanotechnology Meets Oncology: Nanomaterials in Brain Cancer Research, Diagnosis and Therapy. <i>Materials</i> , 2019, 12, 1588.	1.3	95
1273	A Novel Stabilizing Approach to Improve the Manufacturing of Biodegradable Microparticles Entrapping Plasticizing Active Molecules: the Case of 4-Methoxychalcone. <i>Journal of Pharmaceutical Innovation</i> , 2019, 14, 159-175.	1.1	1
1274	Glucosamine/L-lactide copolymers as potential carriers for the development of a sustained rifampicin release system using <i>Mycobacterium smegmatis</i> as a tuberculosis model. <i>Heliyon</i> , 2019, 5, e01539.	1.4	6
1275	PEGylated polylactide (PLA) and poly (lactic-co-glycolic acid) (PLGA) copolymers for the design of drug delivery systems. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 443-458.	2.7	62

#	ARTICLE	IF	CITATIONS
1276	Emerging areas of bone repair materials. , 2019, , 411-446.		5
1277	Hybrid polymeric microspheres for enhancing the encapsulation of phenylethyl resorcinol. Journal of Microencapsulation, 2019, 36, 130-139.	1.2	4
1278	Microencapsulation of Thymol in Poly(lactide-co-glycolide) (PLGA): Physical and Antibacterial Properties. Materials, 2019, 12, 1133.	1.3	40
1279	Facile fabrication of PEG-coated PLGA microspheres via SPG membrane emulsification for the treatment of scleroderma by ECM degrading enzymes. Colloids and Surfaces B: Biointerfaces, 2019, 179, 453-461.	2.5	10
1280	Design of Poly(lactic-co-glycolic Acid) (PLGA) Nanoparticles for Vaginal Co-Delivery of Griffithsin and Dapivirine and Their Synergistic Effect for HIV Prophylaxis. Pharmaceutics, 2019, 11, 184.	2.0	76
1281	Highly polydisperse keratin rich nanofibers: Scaffold design and <i>in vitro</i> characterization. Journal of Biomedical Materials Research - Part A, 2019, 107, 1803-1813.	2.1	41
1282	Analysis of a poly(μ -decalactone)/silver nanowire composite as an electrically conducting neural interface biomaterial. BMC Biomedical Engineering, 2019, 1, 9.	1.7	7
1283	Enhanced Oral Bioavailability of Ibrutinib Encapsulated Poly (Lactic-co- Glycolic Acid) Nanoparticles: Pharmacokinetic Evaluation in Rats. Current Pharmaceutical Analysis, 2019, 15, 661-668.	0.3	17
1284	An Orthogonal Model to Study the Effect of Electrospraying Parameters on the Morphology of poly (d,l)-lactide-co-glycolide (PLGA) Particles. Applied Sciences (Switzerland), 2019, 9, 1077.	1.3	11
1285	Controlling the dose-dependent, synergistic and temporal effects of NGF and GDNF by encapsulation in PLGA microparticles for use in nerve guidance conduits for the repair of large peripheral nerve defects. Journal of Controlled Release, 2019, 304, 51-64.	4.8	49
1286	Retinal cell regeneration using tissue engineered polymeric scaffolds. Drug Discovery Today, 2019, 24, 1669-1678.	3.2	25
1287	Glucagon-Like Peptide-1 Receptor Agonists and Strategies To Improve Their Efficiency. Molecular Pharmaceutics, 2019, 16, 2278-2295.	2.3	54
1288	Microfluidic Based Fabrication and Characterization of Highly Porous Polymeric Microspheres. Polymers, 2019, 11, 419.	2.0	64
1289	Polymeric Nanoparticles in Gene Therapy: New Avenues of Design and Optimization for Delivery Applications. Polymers, 2019, 11, 745.	2.0	198
1290	Meeting the unmet: from traditional to cutting-edge techniques for poly lactide and poly lactide-co-glycolide microparticle manufacturing. Journal of Pharmaceutical Investigation, 2019, 49, 381-404.	2.7	44
1291	Polymeric and lipid-based systems for controlled drug release: an engineering point of view. , 2019, , 267-304.		12
1292	Biodegradable polymers for modern vaccine development. Journal of Industrial and Engineering Chemistry, 2019, 77, 12-24.	2.9	43
1293	Injectable PEG/polyester thermogel: A new liquid embolization agent for temporary vascular interventional therapy. Materials Science and Engineering C, 2019, 102, 606-615.	3.8	23

#	ARTICLE	IF	CITATIONS
1294	Optimizing PLG nanoparticle-peptide delivery platforms for transplantation tolerance using an allogeneic skin transplant model. <i>Biomaterials</i> , 2019, 210, 70-82.	5.7	18
1295	Poly(amine-co-ester) nanoparticles for effective Nogo-B knockdown in the liver. <i>Journal of Controlled Release</i> , 2019, 304, 259-267.	4.8	23
1296	Influenza A virus mimetic nanoparticles trigger selective cell uptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9831-9836.	3.3	28
1297	Composites based on bioderived polymers: potential role in tissue engineering: Vol VI: resorbable polymer fibers. , 2019, , 259-296.		1
1298	Organotropic drug delivery: Synthetic nanoparticles and extracellular vesicles. <i>Biomedical Microdevices</i> , 2019, 21, 46.	1.4	64
1299	Biocompatibility, biodegradation and biomedical applications of poly(lactic Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td (acid), 2019, 49, 347-380.	2.7	323
1300	Diblock and triblock copolymers of polylactide and polyglycolide. , 2019, , 449-477.		4
1301	PLGA scaffolds: building blocks for new age therapeutics. , 2019, , 155-201.		3
1302	A potential long-acting bictegrovir loaded nano-drug delivery system for HIV-1 infection: A proof-of-concept study. <i>Antiviral Research</i> , 2019, 167, 83-88.	1.9	33
1303	Tissue Engineering: Understanding the Role of Biomaterials and Biophysical Forces on Cell Functionality Through Computational and Structural Biotechnology Analytical Methods. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 591-598.	1.9	54
1304	Nanoparticle-based drug delivery in the inner ear: current challenges, limitations and opportunities. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1312-1320.	1.9	50
1305	Chemistry from 3D printed objects. <i>Nature Reviews Chemistry</i> , 2019, 3, 305-314.	13.8	93
1306	Silicone Implant Coated with Tranilast-Loaded Polymer in a Pattern for Fibrosis Suppression. <i>Polymers</i> , 2019, 11, 223.	2.0	8
1307	Augmented re-endothelialization and anti-inflammation of coronary drug-eluting stent by abluminal coating with magnesium hydroxide. <i>Biomaterials Science</i> , 2019, 7, 2499-2510.	2.6	25
1308	Self-assembled nanoparticles of reduction-sensitive poly (lactic-co-glycolic acid)-conjugated chondroitin sulfate A for doxorubicin delivery: preparation, characterization and evaluation. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 794-802.	1.1	17
1309	Mechanistic Evaluation of the Opposite Effects on Initial Burst Induced by Two Similar Hydrophilic Additives From Octreotide Acetateâ€“Loaded PLGA Microspheres. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2367-2376.	1.6	4
1310	<p>A review of small molecules and drug delivery applications using gold and iron nanoparticles</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1633-1657.	3.3	155
1311	Optimization and Formulation of Fucoxanthin-Loaded Microsphere (F-LM) Using Response Surface Methodology (RSM) and Analysis of Its Fucoxanthin Release Profile. <i>Molecules</i> , 2019, 24, 947.	1.7	23

#	ARTICLE	IF	CITATIONS
1312	A microparticle platform for STING-targeted immunotherapy enhances natural killer cell- and CD8+ T cell-mediated anti-tumor immunity. <i>Biomaterials</i> , 2019, 205, 94-105.	5.7	67
1313	Bioerodable Ketamine-Loaded Microparticles Fabricated Using Dissolvable Hydrogel Template Technology. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 1220-1226.	1.6	7
1314	A versatile method for the synthesis of poly(glycolic acid): high solubility and tunable molecular weights. <i>Polymer Journal</i> , 2019, 51, 637-647.	1.3	28
1315	Preparation, toxicity analysis and in vivo protective effect of phyllanthin-loaded PLGA nanoparticles against CCl4-induced hepatic fibrosis. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 364-371.	1.4	7
1316	Study on preparation, characterization and multidrug resistance reversal of red blood cell membrane-camouflaged tetrandrine-loaded PLGA nanoparticles. <i>Drug Delivery</i> , 2019, 26, 199-207.	2.5	31
1317	Stabilized Interleukin-4-Loaded Poly(lactic-co-glycolic) Acid Films Shift Proinflammatory Macrophages toward a Regenerative Phenotype <i>in Vitro</i> . <i>ACS Applied Bio Materials</i> , 2019, 2, 1498-1508.	2.3	11
1318	Complex sameness: Separation of mixed poly(lactide-co-glycolide)s based on the lactide:glycolide ratio. <i>Journal of Controlled Release</i> , 2019, 300, 174-184.	4.8	40
1319	Reshapable hydrogel tissue expander for ridge augmentation: Results of a series of successive insertions at the same intraoral site. <i>Journal of Periodontology</i> , 2019, 90, 718-727.	1.7	3
1320	Application of temporary agglomeration of chitosan-coated nanoparticles for the treatment of lung metastasis of melanoma. <i>Journal of Colloid and Interface Science</i> , 2019, 544, 266-275.	5.0	17
1321	Raman Imaging of Nanocarriers for Drug Delivery. <i>Nanomaterials</i> , 2019, 9, 341.	1.9	47
1322	Protection against Neurodegeneration in the Hippocampus Using Sialic Acid- and 5-HT-Moduline-Conjugated Lipopolymer Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1311-1320.	2.6	8
1323	Photothermal Therapy Promotes Tumor Infiltration and Antitumor Activity of CAR T Cells. <i>Advanced Materials</i> , 2019, 31, e1900192.	11.1	291
1324	Polymeric perfluorocarbon nanoemulsions are ultrasound-activated wireless drug infusion catheters. <i>Biomaterials</i> , 2019, 206, 73-86.	5.7	30
1325	Curcumin loaded nanoparticles as efficient photoactive formulations against gram-positive and gram-negative bacteria. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 460-468.	2.5	66
1326	Co-electrospraying of tumour cell mimicking hollow polymeric microspheres for diffusion magnetic resonance imaging. <i>Materials Science and Engineering C</i> , 2019, 101, 217-227.	3.8	11
1327	Fenofibrate-Loaded Biodegradable Nanoparticles for the Treatment of Experimental Diabetic Retinopathy and Neovascular Age-Related Macular Degeneration. <i>Molecular Pharmaceutics</i> , 2019, 16, 1958-1970.	2.3	72
1328	Drug Delivery From Polymer-Based Nanopharmaceuticals—An Experimental Study Complemented by Simulations of Selected Diffusion Processes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 37.	2.0	54
1329	Magnetophoretic Delivery of a Tumor-Priming Agent for Chemotherapy of Metastatic Murine Breast Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 1864-1873.	2.3	9

#	ARTICLE	IF	CITATIONS
1330	IR820-loaded PLGA nanoparticles for photothermal therapy of triple-negative breast cancer. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1702-1712.	2.1	41
1331	Experimental study of the application of a new bone cement loaded with broad spectrum antibiotics for the treatment of bone infection. <i>Revista Española De Cirugía Ortopédica Y Traumatología</i> , 2019, 63, 95-103.	0.1	6
1332	Systems Metabolic Engineering Strategies for Non-Natural Microbial Polyester Production. <i>Biotechnology Journal</i> , 2019, 14, 1800426.	1.8	25
1333	Programming Stimuli-Responsive Behavior into Biomaterials. <i>Annual Review of Biomedical Engineering</i> , 2019, 21, 241-265.	5.7	100
1334	Intra-articular targeting of nanomaterials for the treatment of osteoarthritis. <i>Acta Biomaterialia</i> , 2019, 93, 239-257.	4.1	138
1335	Calcium Phosphate Spacers for the Local Delivery of Sitafloxacin and Rifampin to Treat Orthopedic Infections: Efficacy and Proof of Concept in a Mouse Model of Single-Stage Revision of Device-Associated Osteomyelitis. <i>Pharmaceutics</i> , 2019, 11, 94.	2.0	27
1336	Chitosan Coating Effect on Cellular Uptake of PLGA Nanoparticles for Boron Neutron Capture Therapy. <i>Journal of Oleo Science</i> , 2019, 68, 361-368.	0.6	15
1337	Encapsulation and release of doxycycline from electrospray-generated PLGA microspheres: Effect of polymer end groups. <i>International Journal of Pharmaceutics</i> , 2019, 564, 1-9.	2.6	63
1338	An update on polymer-lipid hybrid systems for improving oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 507-524.	2.4	38
1339	Delivering Combination Chemotherapies and Targeting Oncogenic Pathways via Polymeric Drug Delivery Systems. <i>Polymers</i> , 2019, 11, 630.	2.0	26
1340	Particulate systems of PLA and its copolymers. , 2019, , 349-380.		1
1341	Semiconducting Perylene Diimide Nanostructure: Multifunctional Phototheranostic Nanoplatform. <i>Accounts of Chemical Research</i> , 2019, 52, 1245-1254.	7.6	138
1342	Tuning Drug Release via Twin Screw Extrusion in Polyester Films. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2430-2437.	1.6	5
1343	Synthetic Biodegradable Aliphatic Polyester Nanocomposites Reinforced with Nanohydroxyapatite and/or Graphene Oxide for Bone Tissue Engineering Applications. <i>Nanomaterials</i> , 2019, 9, 590.	1.9	52
1344	Modified-release topical hydrogels: a ten-year review. <i>Journal of Materials Science</i> , 2019, 54, 10963-10983.	1.7	38
1345	Biomedical applications of PLGA particles. , 2019, , 87-129.		4
1346	Sinapic acid-loaded chitosan nanoparticles in polycaprolactone electrospun fibers for bone regeneration in vitro and in vivo. <i>Carbohydrate Polymers</i> , 2019, 216, 1-16.	5.1	67
1347	Protein corona variation in nanoparticles revisited: A dynamic grouping strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 179, 505-516.	2.5	14

#	ARTICLE	IF	CITATIONS
1348	PLGA-based <i>in situ</i> forming system: degradation behavior in the presence of hydroxyapatite nanoparticles. <i>Polymer Engineering and Science</i> , 2019, 59, 1028-1035.	1.5	5
1349	Autophagy induction and PDGFR- β knockdown by siRNA-encapsulated nanoparticles reduce chlamydia trachomatis infection. <i>Scientific Reports</i> , 2019, 9, 1306.	1.6	23
1350	Long-Term Engraftment of Human Cardiomyocytes Combined with Biodegradable Microparticles Induces Heart Repair. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 761-771.	1.3	22
1351	Polymeric Biomaterials for Management of Pathological Scarring. <i>ACS Applied Polymer Materials</i> , 2019, 1, 612-624.	2.0	8
1352	Fabricating Hybrid Microsphere Substrate Based PLGA-CNT with In Situ Drug Release: Characterization and In Vitro Evaluation. <i>ChemistrySelect</i> , 2019, 4, 2095-2100.	0.7	2
1353	Calcium-Binding Polymer-Coated Poly(lactide-co-glycolide) Microparticles for Sustained Release of Quorum Sensing Inhibitors to Prevent Biofilm Formation on Hydroxyapatite Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7686-7694.	4.0	22
1354	Prolonged release of iloprost enhances pulpal blood flow and dentin bridge formation in a rat model of mechanical tooth pulp exposure. <i>Journal of Oral Science</i> , 2019, 61, 73-81.	0.7	10
1355	Electron Density of Polymeric Nanoparticles Determined by Image Processing of Transmission Electron Micrographs: Insights into Heavy Metal Staining Processes. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800324.	1.2	0
1356	Vitamin D-binding protein-loaded PLGA nanoparticles suppress Alzheimer's disease-related pathology in 5XFAD mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 297-307.	1.7	76
1357	Drug Delivery: Polymers in the Development of Controlled Release Systems. <i>Polymers and Polymeric Composites</i> , 2019, , 1-29.	0.6	2
1359	Multifunctional chitosan-coated poly(lactic-co-glycolic acid) nanoparticles for spatiotemporally controlled codelivery of ceramide and C-phycoyanin to treat atopic dermatitis. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 163-177.	0.8	4
1360	Nanoparticle systems for cancer vaccine. <i>Nanomedicine</i> , 2019, 14, 627-648.	1.7	85
1361	Verteporfin-Loaded Polymeric Microparticles for Intratumoral Treatment of Brain Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 1433-1443.	2.3	40
1362	Polymeric nanodroplets: an emerging trend in gaseous delivery system. <i>Journal of Drug Targeting</i> , 2019, 27, 1035-1045.	2.1	16
1363	Smart Polymeric Nanocarriers for Drug Delivery. , 2019, , 439-479.		9
1364	Polymeric Micelles in Management of Lung Cancer. , 2019, , 193-216.		2
1365	Coaxial Electrohydrodynamic Atomization for the Production of Drug-Loaded Micro/Nanoparticles. <i>Micromachines</i> , 2019, 10, 125.	1.4	23
1366	Advances in immunotherapy delivery from implantable and injectable biomaterials. <i>Acta Biomaterialia</i> , 2019, 88, 15-31.	4.1	127

#	ARTICLE	IF	CITATIONS
1367	Surface tethering of stem cells with H ₂ O ₂ -responsive anti-oxidizing colloidal particles for protection against oxidation-induced death. <i>Biomaterials</i> , 2019, 201, 1-15.	5.7	28
1368	Influence of drying processes on the structures, morphology and <i>in vitro</i> release profiles of risperidone-loaded PLGA microspheres. <i>Journal of Microencapsulation</i> , 2019, 36, 21-31.	1.2	9
1369	The effect of nanoscale surface electrical properties of partially biodegradable PEDOT-co-PDLLA conducting polymers on protein adhesion investigated by atomic force microscopy. <i>Materials Science and Engineering C</i> , 2019, 99, 468-478.	3.8	13
1370	The status of development of nanoparticle-based swine influenza vaccines: A review. <i>Journal of Biomedical Sciences</i> , 2019, 6, 6-11.	0.5	0
1371	Evaluation of a poly(lactic-acid) scaffold filled with poly(lactide-co-glycolide)/hydroxyapatite nanofibres for reconstruction of a segmental bone defect in a canine model. <i>Veterinari Medicina</i> , 2019, 64, 531-538.	0.2	7
1372	Mechanical, rheological and anaerobic biodegradation behavior of a Poly(lactic acid) blend containing a Poly(lactic acid)-co-poly(glycolic acid) copolymer. <i>Polymer Degradation and Stability</i> , 2019, 170, 109018.	2.7	21
1373	Erythrocyte leveraged chemotherapy (ELeCt): Nanoparticle assembly on erythrocyte surface to combat lung metastasis. <i>Science Advances</i> , 2019, 5, eaax9250.	4.7	100
1374	Microfluidics-Assisted Size Tuning and Biological Evaluation of PLGA Particles. <i>Pharmaceutics</i> , 2019, 11, 590.	2.0	26
1375	Selective modification of a native protein in a patient tissue homogenate using palladium nanoparticles. <i>Chemical Communications</i> , 2019, 55, 15121-15124.	2.2	4
1376	Ultra-thin atom layer deposited alumina film enables the precise lifetime control of fully biodegradable electronic devices. <i>Nanoscale</i> , 2019, 11, 22369-22377.	2.8	7
1377	An Inhalable Theranostic System for Local Tuberculosis Treatment Containing an Isoniazid Loaded Metal Organic Framework Fe-MIL-101-NH ₂ From Raw MOF to Drug Delivery System. <i>Pharmaceutics</i> , 2019, 11, 687.	2.0	42
1378	Effect of Stabilizers on Encapsulation Efficiency and Release Behavior of Exenatide-Loaded PLGA Microsphere Prepared by the W/O/W Solvent Evaporation Method. <i>Pharmaceutics</i> , 2019, 11, 627.	2.0	31
1379	HPMC- and PLGA-Based Nanoparticles for the Mucoadhesive Delivery of Sitagliptin: Optimization and In Vivo Evaluation in Rats. <i>Materials</i> , 2019, 12, 4239.	1.3	29
1380	Risperidone-Loaded PLGA Lipid Particles with Improved Release Kinetics: Manufacturing and Detailed Characterization by Electron Microscopy and Nano-CT. <i>Pharmaceutics</i> , 2019, 11, 665.	2.0	16
1381	Nanomaterials for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2019, , .	0.1	1
1382	Microfluidic synthesis of methyl jasmonate-loaded PLGA nanocarriers as a new strategy to improve natural defenses in <i>Vitis vinifera</i> . <i>Scientific Reports</i> , 2019, 9, 18322.	1.6	21
1383	Physical PEGylation Enhances The Cytotoxicity Of 5-Fluorouracil-Loaded PLGA And PCL Nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9259-9273.	3.3	30
1384	Applications of Nanomaterials in Leishmaniasis: A Focus on Recent Advances and Challenges. <i>Nanomaterials</i> , 2019, 9, 1749.	1.9	63

#	ARTICLE	IF	CITATIONS
1385	Dry Tablet Formulation of PLGA Nanoparticles with a Preocular Applicator for Topical Drug Delivery to the Eye. <i>Pharmaceutics</i> , 2019, 11, 651.	2.0	26
1386	Quantification and Evaluation of Glycyrrhizic Acid-loaded Surface Decorated Nanoparticles by UHPLC-MS/MS and used in the Treatment of Cerebral Ischemia. <i>Current Pharmaceutical Analysis</i> , 2019, 16, 24-39.	0.3	6
1387	Comparative molecular dynamic simulation study on the use of chitosan for temperature stabilization of interferon β . <i>Carbohydrate Polymers</i> , 2019, 203, 52-59.	5.1	27
1388	Poly lactide-based materials science strategies to improve tissue-material interface without the use of growth factors or other biological molecules. <i>Materials Science and Engineering C</i> , 2019, 94, 1083-1101.	3.8	34
1389	Rotavirus vaccine efficacy: current status and areas for improvement. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1237-1250.	1.4	37
1390	Development of filaments for fused deposition modeling 3D printing with medical grade poly(lactic-co-glycolic acid) copolymers. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 487-493.	1.1	18
1391	Development and <i>in vitro</i> characterization of chitosan-coated polymeric nanoparticles for oral delivery and sustained release of the immunosuppressant drug mycophenolate mofetil. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 76-87.	0.9	19
1392	Progress in three-dimensional printing with growth factors. <i>Journal of Controlled Release</i> , 2019, 295, 50-59.	4.8	66
1393	Micro- and nanotechnology approaches to improve Parkinson's disease therapy. <i>Journal of Controlled Release</i> , 2019, 295, 201-213.	4.8	51
1394	Synthesis, physicochemical, rheological and <i>in vitro</i> characterization of double-crosslinked hyaluronic acid hydrogels containing dexamethasone and PLGA/dexamethasone nanoparticles as hybrid systems for specific medical applications. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 193-208.	3.6	41
1395	Tissue Engineering for the Temporomandibular Joint. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801236.	3.9	65
1396	On-line microfluidic immobilized-enzyme reactors: A new tool for characterizing synthetic polymers. <i>Analytica Chimica Acta</i> , 2019, 1053, 62-69.	2.6	20
1397	Composite scaffold obtained by electro-hydrodynamic technique for infection prevention and treatment in bone repair. <i>International Journal of Pharmaceutics</i> , 2019, 557, 162-169.	2.6	30
1398	Anti-Invasive and Anti-Proliferative Effects of shRNA-Loaded Poly(Lactide-Co-Glycolide) Nanoparticles Following RAN Silencing in MDA-MB231 Breast Cancer Cells. <i>Pharmaceutical Research</i> , 2019, 36, 26.	1.7	8
1399	Stability, Cytotoxicity, and Retinal Pigment Epithelial Cell Binding of Hyaluronic Acid-Coated PLGA Nanoparticles Encapsulating Lutein. <i>AAPS PharmSciTech</i> , 2019, 20, 4.	1.5	30
1400	Photo-triggered polymer nanomedicines: From molecular mechanisms to therapeutic applications. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 148-166.	6.6	69
1401	The role of intermolecular interactions on the encapsulation of human insulin into the chitosan and cholesterol-grafted chitosan polymers. <i>Carbohydrate Polymers</i> , 2019, 208, 345-355.	5.1	17
1402	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

#	ARTICLE	IF	CITATIONS
1403	Nanoparticle encapsulation increases the brain penetrance and duration of action of intranasal oxytocin. <i>Hormones and Behavior</i> , 2019, 108, 20-29.	1.0	39
1404	Cross-Platform Comparison of Therapeutic Delivery from Multilamellar Lipid-Coated Polymer Nanoparticles. <i>Macromolecular Bioscience</i> , 2019, 19, 1800362.	2.1	6
1405	Hybrid Janus Microparticles Achieving Selective Encapsulation for Theranostic Applications via a Facile Solvent Emulsion Method. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800801.	2.0	16
1406	Nanoencapsulation introduces long-acting phenomenon to tenofovir alafenamide and emtricitabine drug combination: A comparative pre-exposure prophylaxis efficacy study against HIV-1 vaginal transmission. <i>Journal of Controlled Release</i> , 2019, 294, 216-225.	4.8	37
1407	Controlling the internal morphology of aqueous core-PLGA shell microcapsules: promoting the internal phase separation via alcohol addition. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 671-679.	1.1	7
1408	<i>Polymeric Nanomaterials.</i> , 2019, , 557-653.		22
1409	Hand powered, cost effective, 3D printed nanoparticle synthesizer: effects of polymer end caps, drugs, and solvents on lipid polymer hybrid nanoparticles. <i>Materials Research Express</i> , 2019, 6, 025403.	0.8	5
1410	Amphotericin B-loaded nanoparticles for local treatment of cutaneous leishmaniasis. <i>Drug Delivery and Translational Research</i> , 2019, 9, 76-84.	3.0	44
1411	Influence of PDLA nanoparticles size on drug release and interaction with cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 482-493.	2.1	12
1412	Toxicological study of doxorubicin-loaded PLGA nanoparticles for the treatment of glioblastoma. <i>International Journal of Pharmaceutics</i> , 2019, 554, 161-178.	2.6	52
1413	Local Toxicity of Topically Administrated Thermo-responsive Systems: <i>In Vitro</i> Studies with <i>In Vivo</i> Correlation. <i>Toxicologic Pathology</i> , 2019, 47, 426-432.	0.9	17
1414	Successful Biomaterial-Based Artificial Organâ”Updates on Artificial Blood Vessels. , 2019, , 203-222.		5
1415	PLGA nano- and microparticles for the controlled release of florfenicol: Experimental and theoretical study. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47248.	1.3	14
1416	Drug loading augmentation in polymeric nanoparticles using a coaxial turbulent jet mixer: Yong investigator perspective. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 45-50.	5.0	12
1417	Preparation and in vivo pharmacokinetics of rhGH-loaded PLGA microspheres. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 395-401.	1.1	6
1418	Screening of biopolymeric materials for cardiovascular surgery toxicityâ”Evaluation of their surface relief with assessment of morphological aspects of monocyte/macrophage polarization in atherosclerosis patients. <i>Toxicology Reports</i> , 2019, 6, 74-90.	1.6	5
1419	Poly(D,L-lactide-co-glycolide) Nanoparticles as Delivery Platforms for TLR7/8 Agonist-Based Cancer Vaccine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 715-724.	1.3	38
1420	PLGA-PEG terpolymers as a carriers of bioactive agents, influence of PEG blocks content on degradation and release of herbicides into soil. <i>Polymer Degradation and Stability</i> , 2019, 161, 95-107.	2.7	20

#	ARTICLE	IF	CITATIONS
1421	Light-responsive nanoparticles based on new polycarbonate polymers as innovative drug delivery systems for photosensitizers in PDT. <i>International Journal of Pharmaceutics</i> , 2019, 557, 182-191.	2.6	42
1422	Comparative studies on thin polycaprolactone-tricalcium phosphate composite scaffolds and its interaction with mesenchymal stem cells. <i>Biomaterials Research</i> , 2019, 23, 1.	3.2	111
1423	Estudio experimental de la aplicaci3n de un nuevo cemento 3seo cargado con antibi3ticos de amplio espectro para el tratamiento de la infecci3n 3sea. <i>Revista Espa±ola De Cirug±a Ortop±dica Y Traumatolog±a</i> , 2019, 63, 95-103.	0.1	7
1424	Development of a stent capable of the controlled release of basic fibroblast growth factor and argatroban to treat cerebral aneurysms: In vitro experiment and evaluation in a rabbit aneurysm model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2185-2194.	1.6	4
1425	Development of a fast and precise method for simultaneous quantification of the PLGA monomers lactic and glycolic acid by HPLC. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 100-107.	2.4	12
1426	Preparation of Inorganic-Organic Framework Nanoscale Carriers as a Potential Platform for Drug Delivery. <i>Advanced Engineering Materials</i> , 2019, 21, 1800626.	1.6	4
1427	Application of a Quality-By-Design Approach to Optimise Lipid-Polymer Hybrid Nanoparticles Loaded with a Splice-Correction Antisense Oligonucleotide: Maximising Loading and Intracellular Delivery. <i>Pharmaceutical Research</i> , 2019, 36, 37.	1.7	11
1428	Stability of lysozyme incorporated into electrospun fibrous mats for wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 240-249.	2.0	15
1429	Tunable sustained release drug delivery system based on mononuclear aqueous core-polymer shell microcapsules. <i>International Journal of Pharmaceutics</i> , 2019, 558, 291-298.	2.6	22
1430	Nano-encapsulation and characterization of baricitinib using poly-lactic-glycolic acid co-polymer. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 491-501.	1.2	41
1431	Combination of Sunitinib and PD-L1 Blockade Enhances Anticancer Efficacy of TLR7/8 Agonist-Based Nanovaccine. <i>Molecular Pharmaceutics</i> , 2019, 16, 1200-1210.	2.3	30
1432	Optimization of Rutin-Loaded PLGA Nanoparticles Synthesized by Single-Emulsion Solvent Evaporation Method. <i>ACS Omega</i> , 2019, 4, 555-562.	1.6	64
1433	Rapidly separable microneedle patch for the sustained release of a contraceptive. <i>Nature Biomedical Engineering</i> , 2019, 3, 220-229.	11.6	310
1434	Evaluation of controlled-release triamcinolone acetonide-loaded mPEG-PLGA nanoparticles in treating experimental autoimmune uveitis. <i>Nanotechnology</i> , 2019, 30, 165702.	1.3	18
1435	Development of 3D-printed PLGA/TiO2 nanocomposite scaffolds for bone tissue engineering applications. <i>Materials Science and Engineering C</i> , 2019, 96, 105-113.	3.8	97
1436	Overcoming challenges in treating autoimmunity: Development of tolerogenic immune-modifying nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 282-291.	1.7	67
1437	Biodegradable polymer matrix nanocomposites for bone tissue engineering. , 2019, , 1-37.		22
1438	Sustained-Release Hydromorphone Microparticles Produced by Supercritical Fluid Polymer Encapsulation. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 811-814.	1.6	13

#	ARTICLE	IF	CITATIONS
1439	Inhalable poly(lactic-co-glycolic acid) (PLGA) microparticles encapsulating all-trans-Retinoic acid (ATRA) as a host-directed, adjunctive treatment for Mycobacterium tuberculosis infection. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 134, 153-165.	2.0	40
1440	Neuro-protective role of nanocapsulated curcumin against cerebral ischemia-reperfusion induced oxidative injury. <i>Brain Research</i> , 2019, 1704, 164-173.	1.1	50
1441	Topical application of phenytoin or nifedipine-loaded PLGA microspheres promotes periodontal regeneration in vivo. <i>Archives of Oral Biology</i> , 2019, 97, 42-51.	0.8	9
1442	Production and evaluation of vildagliptin-loaded poly(D,L-lactide) and poly(D,L-lactide-glycolide) micro-/nanoparticles: Response surface methodology approach. <i>Drying Technology</i> , 2019, 37, 1265-1276.	1.7	16
1443	PLGA-amoxicillin-loaded layer formed on anodized Ti alloy as a hybrid material for dental implant applications. <i>Materials Science and Engineering C</i> , 2019, 94, 998-1008.	3.8	45
1444	Development of a Subcellular Semimechanism-Based Pharmacokinetic/Pharmacodynamic Model to Characterize Paclitaxel Effects Delivered by Polymeric Micelles. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 725-731.	1.6	6
1445	Model of aliphatic polyesters hydrolysis comprising water and oligomers diffusion. <i>Polymer Degradation and Stability</i> , 2019, 159, 70-78.	2.7	11
1446	Formulation and characterization of fast dissolving oral films containing buspirone hydrochloride nanoparticles using design of experiment. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 420-432.	1.4	51
1447	Design and characterization of a multi-layered polymeric drug delivery vehicle. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1243-1252.	0.9	4
1448	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. <i>Advanced Drug Delivery Reviews</i> , 2019, 142, 102-117.	6.6	76
1449	Hydrolytic Degradation of PCL/PLLA Semi-IPNs Exhibiting Rapid, Tunable Degradation. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 498-508.	2.6	40
1450	Immunostimulation of <i>Cyprinus carpio</i> using phage lysate of <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2019, 86, 680-687.	1.6	17
1451	Rotary jet-spun porous microfibers as scaffolds for stem cells delivery to central nervous system injury. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 98-107.	1.7	19
1452	Therapeutic strategies for enhancing angiogenesis in wound healing. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 97-125.	6.6	448
1453	Poly(D,L-lactic-co-glycolic acid) (PLGA) hollow fiber with segmental switchability of its chains sensitive to NIR light for synergistic cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 258-265.	2.5	18
1454	Microsphere controlled drug delivery for local control of tooth movement. <i>European Journal of Orthodontics</i> , 2019, 41, 1-8.	1.1	14
1455	Preparation and characterization of miglitol-loaded Poly (D, L-lactide-co-glycolide) microparticles using high pressure homogenization-solvent evaporation method. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 198-207.	1.8	18
1456	Encapsulation for delivering bioactives in aquaculture. <i>Reviews in Aquaculture</i> , 2019, 11, 631-660.	4.6	22

#	ARTICLE	IF	CITATIONS
1457	Natural and synthetic polymer-based smart biomaterials for management of ulcerative colitis: a review of recent developments and future prospects. <i>Drug Delivery and Translational Research</i> , 2019, 9, 595-614.	3.0	55
1458	<i>In vitro</i> assessment of electrospun polyamide scaffolds for esophageal tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 253-268.	1.6	20
1459	pH-responsive delivery of Griffithsin from electrospun fibers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 138, 64-74.	2.0	21
1460	Metabolic engineering for the synthesis of polyesters: A 100-year journey from polyhydroxyalkanoates to non-natural microbial polyesters. <i>Metabolic Engineering</i> , 2020, 58, 47-81.	3.6	138
1461	Preparation of pesticide-loaded microcapsules by liquid-driven coaxial flow focusing for controlled release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 840-847.	1.8	16
1462	Development of PLGA nanoparticles for sustained release of a connexin43 mimetic peptide to target glioblastoma cells. <i>Materials Science and Engineering C</i> , 2020, 108, 110191.	3.8	34
1463	Nanoparticle Technology for Respiratory Tract Mucosal Vaccine Delivery. <i>KONA Powder and Particle Journal</i> , 2020, 37, 97-113.	0.9	5
1464	Smart thermosensitive copolymer incorporating chitosan-zinc-insulin electrostatic complexes for controlled delivery of insulin: effect of chitosan chain length. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 1054-1068.	1.8	13
1465	Composite poly(DL-lactide-co-glycolide)/poly(acrylic acid) hydrogels synthesized using UV and gamma irradiation: comparison of material properties. <i>Radiation Physics and Chemistry</i> , 2020, 166, 108466.	1.4	2
1466	In vitro construction of artificial blood vessels using spider silk as a supporting matrix. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103436.	1.5	23
1467	Anti-acidogenic, anti-biofilm and slow release properties of <i>Dodonaea viscosa</i> var. <i>angustifolia</i> flavone stabilized polymeric nanoparticles. <i>Archives of Oral Biology</i> , 2020, 109, 104586.	0.8	13
1468	Pharmaceutical implants: classification, limitations and therapeutic applications. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 116-132.	1.1	23
1469	Measurement, correlation and modelling of high-pressure phase equilibrium of PLGA solutions in CO ₂ . <i>Journal of Supercritical Fluids</i> , 2020, 155, 104637.	1.6	5
1470	Delivery of erlotinib for enhanced cancer treatment: An update review on particulate systems. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101348.	1.4	19
1471	Material Design and Surface Engineering for Bio-implants. <i>Jom</i> , 2020, 72, 684-696.	0.9	21
1472	At the bench: Engineering the next generation of cancer vaccines. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1435-1453.	1.5	22
1473	Stability of various PLGA and lipid nanoparticles in temperature and in time and new technology for the preparation of liposomes for anticancer and antibiotic loading. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1131-1140.	2.0	2
1474	Materials for Immunotherapy. <i>Advanced Materials</i> , 2020, 32, e1901633.	11.1	132

#	ARTICLE	IF	CITATIONS
1475	Fabrication and Characterization of Biodegradable pH-Responsive Halloysite Poly(lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Organometallic Polymers and Materials, 2020, 30, 722-730.	1.9	10
1476	Recent advances of nanotechnology for the delivery of anticancer drugs for breast cancer treatment. Journal of Pharmaceutical Investigation, 2020, 50, 261-270.	2.7	68
1477	E-jet 3D printed drug delivery implants to inhibit growth and metastasis of orthotopic breast cancer. Biomaterials, 2020, 230, 119618.	5.7	59
1478	Self-microemulsifying drug-delivery system: ongoing challenges and future ahead. , 2020, , 393-454.		20
1479	Fabrication of POX/PLGA Scaffold for the Potential Application of Tissue Engineering and Cell Transplantation. Macromolecular Research, 2020, 28, 196-202.	1.0	8
1480	Co-localized immune protection using dexamethasone-eluting micelles in a murine islet allograft model. American Journal of Transplantation, 2020, 20, 714-725.	2.6	25
1481	Apatinib-loaded nanoparticles inhibit tumor growth and angiogenesis in a model of melanoma. Biochemical and Biophysical Research Communications, 2020, 521, 296-302.	1.0	8
1482	Intravitreal anti-VEGF drug delivery systems for age-related macular degeneration. International Journal of Pharmaceutics, 2020, 573, 118767.	2.6	25
1483	Nanoparticles Loaded with the BET Inhibitor JQ1 Block the Growth of Triple Negative Breast Cancer Cells In Vitro and In Vivo. Cancers, 2020, 12, 91.	1.7	18
1484	Exploring Trehalose on the Release of Levonorgestrel from Implantable PLGA Microneedles. Polymers, 2020, 12, 59.	2.0	31
1485	Engineered Nanodelivery Systems to Improve DNA Vaccine Technologies. Pharmaceutics, 2020, 12, 30.	2.0	78
1486	A Regenerative Polymer Blend Composed of Glycylglycine Ethyl Ester-Substituted Polyphosphazene and Poly(lactic-co-glycolic acid). ACS Applied Polymer Materials, 2020, 2, 1169-1179.	2.0	17
1487	Human lung organoids develop into adult airway-like structures directed by physico-chemical biomaterial properties. Biomaterials, 2020, 234, 119757.	5.7	46
1488	Emerging investigator series: polymeric nanocarriers for agricultural applications: synthesis, characterization, and environmental and biological interactions. Environmental Science: Nano, 2020, 7, 37-67.	2.2	68
1489	Tumor immune microenvironment modulation-based drug delivery strategies for cancer immunotherapy. Nanoscale, 2020, 12, 413-436.	2.8	49
1491	Systematic screening of pharmaceutical polymers for hot melt extrusion processing: a comprehensive review. International Journal of Pharmaceutics, 2020, 576, 118989.	2.6	83
1492	Encapsulation of Red Propolis in Polymer Nanoparticles for the Destruction of Pathogenic Biofilms. AAPS PharmSciTech, 2020, 21, 49.	1.5	28
1493	Fundamental insights in PLGA degradation from thin film studies. Journal of Controlled Release, 2020, 319, 276-284.	4.8	34

#	ARTICLE	IF	CITATIONS
1494	A Computational Systems Approach to Rational Design of Nose-to-Brain Delivery of Biopharmaceutics. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 2548-2565.	1.8	8
1495	Metal-Based Nanostructures/PLGA Nanocomposites: Antimicrobial Activity, Cytotoxicity, and Their Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3279-3300.	4.0	121
1496	On the Characterization of Novel Step-Index Biocompatible and Biodegradable poly(D,L-lactic acid) Based Optical Fiber. <i>Journal of Lightwave Technology</i> , 2020, 38, 1905-1914.	2.7	13
1497	Characterization of Parylene-C degradation mechanisms: In vitro reactive accelerated aging model compared to multiyear in vivo implantation. <i>Biomaterials</i> , 2020, 232, 119731.	5.7	56
1498	Harnessing the Photocatalytic Potential of Polypyrroles in Water through Nanointervention: Synthesis and Photophysical Evaluation of Biodegradable Polypyrrolic Nanoencapsulates. <i>ChemNanoMat</i> , 2020, 6, 239-247.	1.5	13
1499	Therapeutic applications of AS1411 aptamer, an update review. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 1420-1431.	3.6	174
1500	Synthesis of a biodegradable branched copolymer mPEG-b-PLGA-g-OCOL and its pH-sensitive micelle. <i>Materials Science and Engineering C</i> , 2020, 108, 110455.	3.8	3
1501	Incorporated plant extract fabricated silver/poly-D,L-lactide-co-glycolide nanocomposites for antimicrobial based wound healing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117673.	2.0	18
1502	Amphiphilic PLGA- <i>b</i> -PEG- <i>b</i> -PLGA triblock copolymer nanogels varying in gelation temperature and modulus for the extended and controlled release of hyaluronic acid. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48678.	1.3	22
1503	Layer-by-layer assembled PLGA nanoparticles carrying miR-34a cargo inhibit the proliferation and cell cycle progression of triple-negative breast cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 601-613.	2.1	33
1504	Synergistic anticancer effects of electrospun nanofiber-mediated codelivery of Curcumin and Chrysin: Possible application in prevention of breast cancer local recurrence. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101402.	1.4	63
1505	Bioengineering strategies for gene delivery. , 2020, , 107-148.		4
1507	Preparation of PLGA-chitosan based nanocarriers for enhancing antibacterial effect of ciprofloxacin in root canal infection. <i>Drug Delivery</i> , 2020, 27, 26-39.	2.5	83
1508	Sustainable polymers from biomass: Bridging chemistry with materials and processing. <i>Progress in Polymer Science</i> , 2020, 101, 101197.	11.8	208
1509	Tannic acid and vitamin E loaded PLGA nanoparticles ameliorate hepatic injury in a chronic alcoholic liver damage model via EGFR-AKT-STAT3 pathway. <i>Nanomedicine</i> , 2020, 15, 235-257.	1.7	17
1510	Effects of Nanoparticle Properties on Kartogenin Delivery and Interactions with Mesenchymal Stem Cells. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2090-2102.	1.3	13
1511	Advances in Pluripotent Stem Cells: History, Mechanisms, Technologies, and Applications. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 3-32.	1.7	292
1512	Polycaprolactone microcapsules containing citric acid and naringin for plant growth and sustainable agriculture: physico-chemical properties and release behavior. <i>Science of the Total Environment</i> , 2020, 703, 135548.	3.9	29

#	ARTICLE	IF	CITATIONS
1513	Polymeric Nanoparticles. , 2020, , 303-324.		23
1514	Sustained-release of PDGF from PLGA microsphere embedded thermo-sensitive hydrogel promoting wound healing by inhibiting autophagy. Journal of Drug Delivery Science and Technology, 2020, 55, 101405.	1.4	30
1515	Lipid and PLGA Microparticles for Sustained Delivery of Protein and Peptide Drugs. Pharmaceutical Nanotechnology, 2020, 8, 22-32.	0.6	8
1516	2D materials for bio-photonic applications. , 2020, , 253-280.		1
1517	The effect of introduction of filament shift on degradation behaviour of PLGA- and PLCL-based scaffolds fabricated via additive manufacturing. Polymer Degradation and Stability, 2020, 171, 109030.	2.7	21
1518	Repositioning N-Acetylcysteine (NAC): NAC-Loaded Electrospun Drug Delivery Scaffolding for Potential Neural Tissue Engineering Application. Pharmaceutics, 2020, 12, 934.	2.0	14
1519	Shifting the absorption to the near-infrared region and inducing a strong photothermal effect by encapsulating zinc(II) phthalocyanine in poly(lactic-co-glycolic acid)-hyaluronic acid nanoparticles. Acta Biomaterialia, 2020, 116, 329-343.	4.1	19
1520	Water powered and anti-CD3 loaded mg micromotor for t cell activation. Applied Materials Today, 2020, 21, 100839.	2.3	13
1521	Efficiency of Chitosan-Coated PLGA Nanocarriers for Cellular Delivery of siRNA and CRISPR/Cas9 Complex. Journal of Pharmaceutical Innovation, 2022, 17, 180-193.	1.1	6
1522	Recent advances in the formulation of PLGA microparticles for controlled drug delivery. Progress in Biomaterials, 2020, 9, 153-174.	1.8	119
1523	Effect of curcumin on thermal degradation of poly(glycolic acid) and poly(μ -caprolactone) blends. Thermochimica Acta, 2020, 693, 178764.	1.2	7
1524	Polymeric micelles for the delivery of poorly soluble drugs: From nanoformulation to clinical approval. Advanced Drug Delivery Reviews, 2020, 156, 80-118.	6.6	282
1525	Interfacial tension effects on the properties of PLGA microparticles. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111300.	2.5	15
1526	Cracks outrun erosion in degradable polymers. Extreme Mechanics Letters, 2020, 40, 100978.	2.0	9
1527	Layered biocompatible pH-responsive antibacterial composite film based on HNT/PLGA/chitosan for controlled release of minocycline as burn wound dressing. International Journal of Biological Macromolecules, 2020, 164, 4193-4204.	3.6	41
1528	The impact of size and charge on the pulmonary pharmacokinetics and immunological response of the lungs to PLGA nanoparticles after intratracheal administration to rats. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 30, 102291.	1.7	22
1529	Anti- α 4 β 7 monoclonal antibody-conjugated nanoparticles block integrin α 4 β 7 on intravaginal T cells in rhesus macaques. Science Advances, 2020, 6, .	4.7	6
1530	Drug-Eluting Stents and Balloons—Materials, Structure Designs, and Coating Techniques: A Review. Molecules, 2020, 25, 4624.	1.7	40

#	ARTICLE	IF	CITATIONS
1531	Solution blow spinning (SBS) and SBS-spun nanofibers: Materials, methods, and applications. <i>Materials Today Communications</i> , 2020, 25, 101656.	0.9	47
1532	Materials promoting viral gene delivery. <i>Biomaterials Science</i> , 2020, 8, 6113-6156.	2.6	35
1533	Small amounts of poly(<i>l</i> -lactic acid) on the properties of poly(<i>l</i> -lactic acid)/microcrystalline cellulose/poly(<i>l</i> -lactic acid) blends. <i>Results in Materials</i> , 2020, 8, 100125.	0.9	7
1534	Phenomenology of the Initial Burst Release of Drugs from PLGA Microparticles. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6053-6062.	2.6	178
1535	Controlled release of ciprofloxacin and ceftriaxone from a single ototopical administration of antibiotic-loaded polymer microspheres and thermoresponsive gel. <i>PLoS ONE</i> , 2020, 15, e0240535.	1.1	9
1536	Comprehensive Survey on Nanobiomaterials for Bone Tissue Engineering Applications. <i>Nanomaterials</i> , 2020, 10, 2019.	1.9	34
1537	Development of electrospun polymer scaffolds for the localized and controlled delivery of siponimod for the management of critical bone defects. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119956.	2.6	5
1538	Production of drug-releasing biodegradable microporous scaffold impregnated with gemcitabine using a CO ₂ foaming process. <i>Journal of CO₂ Utilization</i> , 2020, 41, 101227.	3.3	20
1539	PLGA Based Drug Carrier and Pharmaceutical Applications: The Most Recent Advances. <i>Pharmaceutics</i> , 2020, 12, 903.	2.0	26
1540	Core-shell microparticles: Generation approaches and applications. <i>Journal of Science: Advanced Materials and Devices</i> , 2020, 5, 417-435.	1.5	79
1541	Physiologically Relevant Mechanics of Biodegradable Polyester Nanoparticles. <i>Nano Letters</i> , 2020, 20, 7536-7542.	4.5	11
1542	Polymer-loaded hydrogels serve as depots for lactate and mimic α -cold tumor microenvironments. <i>Biomaterials Science</i> , 2020, 8, 6056-6068.	2.6	8
1543	POROGEN EFFECTS ON AEROSOLIZATION PROPERTIES OF FLUCONAZOLE LOADED PLGA LARGE POROUS PARTICLES. <i>International Journal of Applied Pharmaceutics</i> , 2020, , 258-263.	0.3	2
1544	Application of Outer Membrane Protein-Based Vaccines Against Major Bacterial Fish Pathogens in India. <i>Frontiers in Immunology</i> , 2020, 11, 1362.	2.2	40
1545	Micro and nanoscale technologies in oral drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2020, 157, 37-62.	6.6	123
1546	Engineering Delivery of Nonbiologics Using Poly(lactic- <i>co</i> -glycolic acid) Nanoparticles for Repair of Disrupted Brain Endothelium. <i>ACS Omega</i> , 2020, 5, 14730-14740.	1.6	7
1547	In Situ Forming Injectable Thermoresponsive Hydrogels for Controlled Delivery of Biomacromolecules. <i>ACS Omega</i> , 2020, 5, 17531-17542.	1.6	36
1548	Comparing the regeneration potential between PLLA/Aragonite and PLLA/Vaterite pearl composite scaffolds in rabbit radius segmental bone defects. <i>Bioactive Materials</i> , 2020, 5, 980-989.	8.6	23

#	ARTICLE	IF	CITATIONS
1549	Characterization of Controlled Release Microspheres Using FIB-SEM and Image-Based Release Prediction. <i>AAPS PharmSciTech</i> , 2020, 21, 194.	1.5	17
1550	Biomaterials to Prevent Post-Operative Adhesion. <i>Materials</i> , 2020, 13, 3056.	1.3	39
1551	Platelet lysate-loaded PLGA nanoparticles in a thermo-responsive hydrogel intended for the treatment of wounds. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 146, 105231.	1.9	18
1552	Preparation of PDLLA and PLGA nanoparticles stabilized with PVA and a PVA-SDS mixture: Studies on particle size, degradation and drug release. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101907.	1.4	11
1553	Enhancing ovarian cancer conventional chemotherapy through the combination with cannabidiol loaded microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 246-258.	2.0	20
1554	Fabrication of chitosan/polyvinylpyrrolidone hydrogel scaffolds containing PLGA microparticles loaded with dexamethasone for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 356-370.	3.6	70
1555	Poly(ester amide) microspheres are efficient vehicles for long-term intracerebral growth factor delivery and improve functional recovery after stroke. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 065020.	1.7	5
1556	Microparticles. , 2020, , 431-451.		2
1557	<p>Anti-Biofouling Coatings on the Tooth Surface and Hydroxyapatite</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8963-8982.	3.3	8
1558	Lenalidomide (LENA) Hybrid Gold Complex Nanoparticles: Synthesis, Physicochemical Evaluation, and Perspectives in Nanomedicine. <i>ACS Omega</i> , 2020, 5, 28483-28492.	1.6	5
1559	Protein-avoidant ionic liquid (PAIL)â€‘coated nanoparticles to increase bloodstream circulation and drive biodistribution. <i>Science Advances</i> , 2020, 6, .	4.7	33
1560	Optimising PLGA-PEG Nanoparticle Size and Distribution for Enhanced Drug Targeting to the Inflamed Intestinal Barrier. <i>Pharmaceutics</i> , 2020, 12, 1114.	2.0	10
1561	PLA/PLGA-Based Drug Delivery Systems Produced with Supercritical CO2â€‘A Green Future for Particle Formulation?. <i>Pharmaceutics</i> , 2020, 12, 1118.	2.0	29
1562	Aerosolized drug-loaded nanoparticles targeting migration inhibitory factors inhibit<i>Pseudomonas aeruginosa</i>-induced inflammation and biofilm formation. <i>Nanomedicine</i> , 2020, 15, 2933-2953.	1.7	21
1563	Synthesis and characterization of PLGA/HAP scaffolds with DNA-functionalised calcium phosphate nanoparticles for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 102.	1.7	28
1564	Brinzolamide loaded core-shell nanoparticles for enhanced corneal penetration in the treatment of glaucoma. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2020, 18, 228080002094271.	0.7	5
1565	Variable fixation promotes callus formation: an experimental study on transverse tibial osteotomies stabilized with locking plates. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 806.	0.8	6
1566	Doxorubicin-Loaded PLGA Nanoparticles for Cancer Therapy: Molecular Weight Effect of PLGA in Doxorubicin Release for Controlling Immunogenic Cell Death. <i>Pharmaceutics</i> , 2020, 12, 1165.	2.0	37

#	ARTICLE	IF	CITATIONS
1567	Artificial intelligence application for rapid fabrication of size-tunable PLGA microparticles in microfluidics. <i>Scientific Reports</i> , 2020, 10, 19517.	1.6	36
1568	Antifibrotic therapy by sustained release of low molecular weight heparin from poly(lactic-co-glycolic acid) microparticles on bleomycin-induced pulmonary fibrosis in mice. <i>Scientific Reports</i> , 2020, 10, 19019.	1.6	7
1569	Controlled Nitric Oxide Release Using Poly(lactic-co-glycolic acid) Nanoparticles for Anti-Inflammatory Effects. <i>Biomacromolecules</i> , 2020, 21, 4972-4979.	2.6	24
1570	Concepts of nanotechnology in nanomedicine: From discovery to applications. , 2020, , 171-209.		4
1571	Clinically established biodegradable long acting injectables: An industry perspective. <i>Advanced Drug Delivery Reviews</i> , 2020, 167, 19-46.	6.6	72
1572	Poly(lactic-co-glycolic acid) nanomaterial-based treatment options for pain management: a review. <i>Nanomedicine</i> , 2020, 15, 1897-1913.	1.7	13
1573	Polymeric nanocarriers in targeted drug delivery systems: A review. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2939-2954.	1.6	40
1574	Cetuximab conjugated temozolomide-loaded poly (lactic-co-glycolic acid) nanoparticles for targeted nanomedicine in EGFR overexpressing cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101928.	1.4	29
1575	Aggregate-Based FRET Monitoring of Drug Release from Polymer Nanoparticles with High Drug Loading. <i>Angewandte Chemie</i> , 2020, 132, 20240-20249.	1.6	10
1576	Coculture techniques for modeling retinal development and disease, and enabling regenerative medicine. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1531-1548.	1.6	15
1577	Therapeutic Efficacy of Curcumin Enhanced by Microscale Discoidal Polymeric Particles in a Murine Asthma Model. <i>Pharmaceutics</i> , 2020, 12, 739.	2.0	13
1578	Enhanced drug retention, sustained release, and anti-cancer potential of curcumin and indole-curcumin analog-loaded polysorbate 80-stabilized PLGA nanoparticles in colon cancer cell line SW480. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119738.	2.6	27
1579	Aptamer-conjugated PLGA nanoparticles for delivery and imaging of cancer therapeutic drugs. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108485.	1.4	47
1580	Focused Ultrasound for Noninvasive, Focal Pharmacologic Neurointervention. <i>Frontiers in Neuroscience</i> , 2020, 14, 675.	1.4	25
1581	Fabrication and Plasma Surface Activation of Aligned Electrospun PLGA Fiber Fleeces with Improved Adhesion and Infiltration of Amniotic Epithelial Stem Cells Maintaining their Teno-inductive Potential. <i>Molecules</i> , 2020, 25, 3176.	1.7	12
1582	PEG-b-PLGA Nanoparticles Loaded with Geraniin from <i>Phyllanthus Watsonii</i> Extract as a Phytochemical Delivery Model. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4891.	1.3	6
1583	PLGA-nanoparticles loaded with a thiosemicarbazone derived palladium(ii) complex as a potential agent to new formulations for human ovarian carcinoma treatment. <i>New Journal of Chemistry</i> , 2020, 44, 14928-14935.	1.4	2
1584	Symbiotic thermo-chemotherapy for enhanced HepG2 cancer treatment via magneto-drugs encapsulated polymeric nanocarriers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125355.	2.3	11

#	ARTICLE	IF	CITATIONS
1585	Active targeting liposome-PLGA composite for cisplatin delivery against cervical cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111270.	2.5	37
1586	Aggregate-Based FRET Monitoring of Drug Release from Polymer Nanoparticles with High Drug Loading. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20065-20074.	7.2	42
1587	High molar mass cyclic poly(ϵ -lactide) obtained by means of neat tin(II) 2-ethylhexanoate. <i>Polymer Chemistry</i> , 2020, 11, 5249-5260.	1.9	30
1588	Safety considerations for nanoparticle gene delivery in pediatric brain tumors. <i>Nanomedicine</i> , 2020, 15, 1805-1815.	1.7	12
1589	Physicochemical and Thermal Properties of Acrylated Palm Olein as a Promising Biopolymer. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2734-2748.	2.4	8
1590	Organic acids under pressure: elastic properties, negative mechanical phenomena and pressure induced phase transitions in the lactic, maleic, succinic and citric acids. <i>Materials Advances</i> , 2020, 1, 1399-1426.	2.6	25
1591	Significance of cytosolic cathepsin D in Alzheimer's disease pathology: Protective cellular effects of PLGA nanoparticles against β -amyloid toxicity. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 686-706.	1.8	14
1592	Engineered PLGA microparticles for long-term, pulsatile release of STING agonist for cancer immunotherapy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	117
1593	Thrombolytic Agents: Nanocarriers in Controlled Release. <i>Small</i> , 2020, 16, e2001647.	5.2	32
1594	The Immunoenhancement Effects of Polyethylenimine-Modified Chinese Yam Polysaccharide-Encapsulated PLGA Nanoparticles as an Adjuvant. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5527-5543.	3.3	22
1595	Evaluation of a regional nerve block with an experimental formulation of encapsulated lidocaine in sheep. <i>Veterinary Anaesthesia and Analgesia</i> , 2020, 47, 819-825.	0.3	0
1596	Blood Pressure Sensors: Materials, Fabrication Methods, Performance Evaluations and Future Perspectives. <i>Sensors</i> , 2020, 20, 4484.	2.1	27
1597	Recent advances in biological macromolecule based tissue-engineered composite scaffolds for cardiac tissue regeneration applications. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2329-2357.	3.6	32
1598	Structure, energetics and thermodynamics of PLGA condensed phases from Molecular Dynamics. <i>Polymer</i> , 2020, 206, 122903.	1.8	8
1599	Remotely Controlled Proton Generation for Neuromodulation. <i>Nano Letters</i> , 2020, 20, 6535-6541.	4.5	13
1600	Trimethoprim-Loaded PLGA Nanoparticles Grafted with WGA as Potential Intravesical Therapy of Urinary Tract Infections—Studies on Adhesion to SV-HUCs Under Varying Time, pH, and Drug-Loading Conditions. <i>ACS Omega</i> , 2020, 5, 17377-17384.	1.6	13
1601	Engineered bovine serum albumin-based nanoparticles with pH-sensitivity for doxorubicin delivery and controlled release. <i>Drug Delivery</i> , 2020, 27, 1156-1164.	2.5	26
1602	Kinetics of Drug Release via Nicardipine Hydrochloride-Loaded Carboxymethyl Cellulose/Poly(D,L-lactide-co-glycolic acid) Nanocarriers Using a Contemporary Emulsion Process. <i>ChemNanoMat</i> , 2020, 6, 1754-1769.	1.5	7

#	ARTICLE	IF	CITATIONS
1603	Engineered PLGA-PVP/VA based formulations to produce electro-drawn fast biodegradable microneedles for labile biomolecule delivery. <i>Progress in Biomaterials</i> , 2020, 9, 203-217.	1.8	26
1604	Tooth-Supporting Hard Tissue Regeneration Using Biopolymeric Material Fabrication Strategies. <i>Molecules</i> , 2020, 25, 4802.	1.7	12
1605	Targeted delivery of 5-fluorouracil-1-acetic acid (5-FA) to cancer cells overexpressing epithelial growth factor receptor (EGFR) using virus-like nanoparticles. <i>Scientific Reports</i> , 2020, 10, 16867.	1.6	16
1606	Injectables and Depots to Prolong Drug Action of Proteins and Peptides. <i>Pharmaceutics</i> , 2020, 12, 999.	2.0	32
1607	Synthesis of hydrolytically and oxidation-responsive networks using thiol-ene click chemistry with pentaerythritol tetrakis(3-mercaptopropionate) and tri/tetraacrylates. <i>Polymers for Advanced Technologies</i> , 2020, 32, 2682.	1.6	5
1608	Periosteum Mimetic Coating on Structural Bone Allografts <i>via</i> Electro spray Deposition Enhances Repair and Reconstruction of Segmental Defects. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6241-6252.	2.6	10
1609	PERSISTENT REMNANTS OF DEXAMETHASONE INTRAVITREAL IMPLANT (OZURDEX). <i>Retina</i> , 2020, 40, 2226-2231.	1.0	2
1610	Wirelessly controlled, bioresorbable drug delivery device with active valves that exploit electrochemically triggered crevice corrosion. <i>Science Advances</i> , 2020, 6, eabb1093.	4.7	87
1611	Development and Application of a Modified Method to Determine the Encapsulation Efficiency of Proteins in Polymer Matrices. <i>AAPS PharmSciTech</i> , 2020, 21, 248.	1.5	3
1612	<p>Growth Factor and Its Polymer Scaffold-Based Delivery System for Cartilage Tissue Engineering</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6097-6111.	3.3	77
1613	Drug-encapsulated blend of PLGA-PEG microspheres: in vitro and in vivo study of the effects of localized/targeted drug delivery on the treatment of triple-negative breast cancer. <i>Scientific Reports</i> , 2020, 10, 14188.	1.6	60
1614	Micro- and nanoplastics – current state of knowledge with the focus on oral uptake and toxicity. <i>Nanoscale Advances</i> , 2020, 2, 4350-4367.	2.2	125
1615	Microfluidic-assisted preparation of RGD-decorated nanoparticles: exploring integrin-facilitated uptake in cancer cell lines. <i>Scientific Reports</i> , 2020, 10, 14505.	1.6	25
1616	Scaffold-supported extracellular matrices preserved by magnesium hydroxide nanoparticles for renal tissue regeneration. <i>Biomaterials Science</i> , 2020, 8, 5427-5440.	2.6	11
1617	Nanostructured Biomaterials for Bone Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 922.	2.0	72
1618	Nano, micro particulate and cosmetic delivery systems of polylactic acid: A mini review. <i>Journal of Cosmetic Dermatology</i> , 2020, 19, 2805-2811.	0.8	18
1619	Exploiting nanoscale cooperativity for precision medicine. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 63-72.	6.6	17
1620	Zero-order drug delivery: State of the art and future prospects. <i>Journal of Controlled Release</i> , 2020, 327, 834-856.	4.8	126

#	ARTICLE	IF	CITATIONS
1639	Smac peptide and doxorubicin-encapsulated nanoparticles: design, preparation, computational molecular approach and <i>in vitro</i> studies on cancer cells. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 807-819.	2.0	8
1640	Combination Delivery of Alpha-Tocopheryl Succinate and Curcumin Using a GSH-Sensitive Micelle (PAH-SS-PLGA) to Treat Pancreatic Cancer. <i>Pharmaceutics</i> , 2020, 12, 778.	2.0	11
1641	The state-of-the-art coronary stent with crystallized sirolimus: the MiStent technology and its clinical program. <i>Future Cardiology</i> , 2020, 17, 593-607.	0.5	1
1642	Applications of Nanovaccines for Disease Prevention in Cattle. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 608050.	2.0	27
1643	Microflow synthesis of fluorescent markers based on 1,8-naphthalimide for polylactide nanoparticles and bioimaging. <i>Mendeleev Communications</i> , 2020, 30, 747-749.	0.6	3
1644	Control of viscous fingering through variable injection rates and time-dependent viscosity fluids: Beyond the linear regime. <i>Physical Review E</i> , 2020, 102, 063102.	0.8	15
1645	Designing and Engineering of Nanocarriers for Bioapplication in Cancer Immunotherapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 8321-8337.	2.3	25
1646	Drug-Eluting Biodegradable Implants for the Sustained Release of Bisphosphonates. <i>Polymers</i> , 2020, 12, 2930.	2.0	16
1647	&p>Development of Rifapentine-Loaded PLGA-Based Nanoparticles: In vitro Characterisation and in vivo Study in Mice<p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7491-7507.	3.3	19
1648	Modification of Polylactic Acid/ Halloysite Bionanocomposites Using Electron Beam Radiation: Physical, Barrier and Thermal Properties. <i>Materials Science Forum</i> , 0, 1002, 57-65.	0.3	2
1649	Encapsulation of octenidine hydrochloride into bioresorbable polyesters for extended antimicrobial activity. <i>European Polymer Journal</i> , 2020, 138, 109987.	2.6	5
1650	100th Anniversary of Macromolecular Science Viewpoint: The Role of Hydrophobicity in Polymer Phenomena. <i>ACS Macro Letters</i> , 2020, 9, 1700-1707.	2.3	42
1651	Synergistic use of biomaterials and licensed therapeutics to manipulate bone remodelling and promote non-union fracture repair. <i>Advanced Drug Delivery Reviews</i> , 2020, 160, 212-233.	6.6	19
1652	Systemic Delivery Technologies in Anti-Aging Medicine: Methods and Applications. <i>Healthy Ageing and Longevity</i> , 2020, , .	0.2	2
1653	Nanohybrid biodegradable scaffolds for TGF- β 3 release for the chondrogenic differentiation of human mesenchymal stem cells. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119248.	2.6	11
1654	Biocompatibility and bioactivity of an FGF-loaded microsphere-based bilayer delivery system. <i>Acta Biomaterialia</i> , 2020, 111, 341-348.	4.1	16
1655	pH-responsive poly(lactic acid)/sodium carboxymethyl cellulose film for enhanced delivery of curcumin in vitro. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101787.	1.4	19
1656	Optimization and Characterization of Protein Nanoparticles for the Targeted and Smart Delivery of Cytochrome c to Non-Small Cell Lung Carcinoma. <i>Cancers</i> , 2020, 12, 1215.	1.7	7

#	ARTICLE	IF	CITATIONS
1657	Bilayer Hydrogel Sheetâ€”Type Intraocular Microrobot for Drug Delivery and Magnetic Nanoparticles Retrieval. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000118.	3.9	48
1658	In Situ, Quantitative Assessment of Multifunctional Nanoscale Drug Delivery Systems in Human Serum. <i>Analytical Chemistry</i> , 2020, 92, 7932-7939.	3.2	15
1659	Layer by layer surface engineering of poly(lactideâ€”coâ€”glycolide) nanoparticles for plasmid DNA delivery. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49377.	1.3	9
1660	Tunicate Cellulose Nanocrystals as Stabilizers for PLGA-based Polymeric Nanoparticles. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 206-214.	1.4	6
1661	A tunable and injectable local drug delivery system for personalized periodontal application. <i>Journal of Controlled Release</i> , 2020, 324, 134-145.	4.8	56
1662	In Situ Gel Formation in Microporated Skin for Enhanced Topical Delivery of Niacinamide. <i>Pharmaceutics</i> , 2020, 12, 472.	2.0	21
1663	Biomaterials for diabetic wound-healing therapies. , 2020, , 273-304.		1
1664	Sublingual dendritic cells targeting by aptamer: Possible approach for improvement of sublingual immunotherapy efficacy. <i>International Immunopharmacology</i> , 2020, 85, 106603.	1.7	17
1665	Polymer Nanocomposite Microactuators for On-Demand Chemical Release via High-Frequency Magnetic Field Excitation. <i>Nano Letters</i> , 2020, 20, 4816-4822.	4.5	12
1666	Osteogenic inducer sustained-release system promotes the adhesion, proliferation, and differentiation of osteoblasts on titanium surface. <i>Annals of Anatomy</i> , 2020, 231, 151523.	1.0	2
1667	Dual drug delivery of curcumin and niclosamide using PLGA nanoparticles for improved therapeutic effect on breast cancer cells. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	26
1668	Review of hybrid PLGA nanoparticles: Future of smart drug delivery and theranostics medicine. <i>Materials and Design</i> , 2020, 193, 108805.	3.3	176
1669	Carbamazepine and levetiracetam-loaded PLGA nanoparticles prepared by nanoprecipitation method: inÂvitro and inÂvivo studies. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1063-1072.	0.9	16
1670	The Stabilizing Excipients in Dry State Therapeutic Phage Formulations. <i>AAPS PharmSciTech</i> , 2020, 21, 133.	1.5	24
1671	Kidney targeted delivery of asiatic acid using a FITC labeled renal tubular-targeting peptide modified PLGA-PEG system. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119455.	2.6	19
1672	Biodegradable phosphorylcholine copolymer for cardiovascular stent coating. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5361-5368.	2.9	27
1673	An Elvitegravir Nanoformulation Crosses the Bloodâ€”Brain Barrier and Suppresses HIV-1 Replication in Microglia. <i>Viruses</i> , 2020, 12, 564.	1.5	23
1674	Bioresorbable composite polymeric materials for tissue engineering applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-15.	1.8	23

#	ARTICLE	IF	CITATIONS
1675	Production of biodegradable PLGA foams processed with high pressure CO ₂ . Journal of Supercritical Fluids, 2020, 164, 104886.	1.6	7
1676	Airway-on-a-Chip: Development and in Vitro Validation of a Microfluidic Cell Culture Model for Chronic Obstructive Pulmonary Disease. , 2020, , .		0
1677	Dual or multiple drug loaded nanoparticles to target breast cancer stem cells. RSC Advances, 2020, 10, 19089-19105.	1.7	34
1678	Robust Fabrication of Composite 3D Scaffolds with Tissue-Specific Bioactivity: A Proof-of-Concept Study. ACS Applied Bio Materials, 2020, 3, 4974-4986.	2.3	9
1679	Technological Approaches for Improving Vaccination Compliance and Coverage. Vaccines, 2020, 8, 304.	2.1	23
1680	Physical and Chemical Methods for Increasing the Hydrophilicity of the Surface of Aliphatic Polyesters for Tissue-Engineered Constructs. Inorganic Materials: Applied Research, 2020, 11, 739-743.	0.1	0
1681	<p>Eudragit<sup>®</sup>-S100 Coated PLGA Nanoparticles for Colon Targeting of Etoricoxib: Optimization and Pharmacokinetic Assessments in Healthy Human Volunteers</p>. International Journal of Nanomedicine, 2020, Volume 15, 3965-3980.	3.3	21
1682	An overview of chondrosarcoma with a focus on nanoscale therapeutics. Journal of Pharmaceutical Investigation, 2020, 50, 537-552.	2.7	5
1683	Promising Nanotechnology Approaches in Treatment of Autoimmune Diseases of Central Nervous System. Brain Sciences, 2020, 10, 338.	1.1	32
1684	Functional Nanofibrous Biomaterials of Tailored Structures for Drug Deliveryâ€”A Critical Review. Pharmaceutics, 2020, 12, 522.	2.0	27
1685	Key for crossing the BBB with nanoparticles: the rational design. Beilstein Journal of Nanotechnology, 2020, 11, 866-883.	1.5	122
1686	Eco-friendly synthesis of functionalized chitosan-based nanoantibiotic system for potential delivery of linezolid as antimicrobial agents. Saudi Pharmaceutical Journal, 2020, 28, 859-868.	1.2	24
1687	Threeâ€dimensional imaging and quantification of realâ€time cytosolic calcium oscillations in microglial cells cultured on electrospun matrices using laser scanning confocal microscopy. Biotechnology and Bioengineering, 2020, 117, 3108-3123.	1.7	13
1688	Pathological effects of nano-sized particles on the respiratory system. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102242.	1.7	49
1689	Rapamycinâ€PLGA microparticles prevent senescence, sustain cartilage matrix production under stress and exhibit prolonged retention in mouse joints. Biomaterials Science, 2020, 8, 4308-4321.	2.6	29
1690	Visualizing the In Vivo Evolution of an Injectable and Thermosensitive Hydrogel Using Triâ€Modal Bioimaging. Small Methods, 2020, 4, 2000310.	4.6	49
1691	Optimization and evaluation of encapsulated brimonidine tartrate-loaded nanoparticles incorporation in situ gel for efficient intraocular pressure reduction. Journal of Sol-Gel Science and Technology, 2020, 95, 190-201.	1.1	11
1692	Strategies in Translating the Therapeutic Potentials of Host Defense Peptides. Frontiers in Immunology, 2020, 11, 983.	2.2	62

#	ARTICLE	IF	CITATIONS
1693	Extreme Foaming Modes for SCF-Plasticized Polylactides: Quasi-Adiabatic and Quasi-Isothermal Foam Expansion. <i>Polymers</i> , 2020, 12, 1055.	2.0	9
1694	PLGA-coated drug-loaded nanotubes anodically grown on nitinol. <i>Materials Science and Engineering C</i> , 2020, 116, 111174.	3.8	12
1695	Nanotechnology in Chronic Pain Relief. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 682.	2.0	9
1696	Essential Oils-Loaded Electrospun Biopolymers: A Future Perspective for Active Food Packaging. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-21.	0.8	48
1697	A smart approach to enable preclinical studies in pharmaceutical industry: PLGA-based extended release formulation platform for subcutaneous applications. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 635-645.	0.9	2
1698	Nanotechnology for Energy and Environmental Engineering. <i>Green Energy and Technology</i> , 2020, , .	0.4	10
1699	Synthetic Immunogenic Cell Death Mediated by Intracellular Delivery of STING Agonist Nanoshells Enhances Anticancer Chemo-immunotherapy. <i>Nano Letters</i> , 2020, 20, 2246-2256.	4.5	86
1700	Release kinetics of fluorescent dyes from PLGA nanoparticles in retinal blood vessels: In vivo monitoring and ex vivo localization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 150, 131-142.	2.0	17
1701	Biodegradable Scaffolds for Urethra Tissue Engineering Based on 3D Printing. <i>ACS Applied Bio Materials</i> , 2020, 3, 2007-2016.	2.3	22
1702	Effects of Nanofillers on the Hydrolytic Degradation of Polyesters. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 484-495.	2.5	7
1703	Selective Entropy Gain-Driven Adsorption of Nanospheres onto Spherical Bacteria Endows Photodynamic Treatment with Narrow-Spectrum Activity. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2788-2796.	2.1	11
1704	Theranostics system caged in human serum albumin as a therapy for breast tumors. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6877-6885.	2.9	6
1705	Plant-Based Antidiabetic Nanoformulations: The Emerging Paradigm for Effective Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2217.	1.8	77
1706	Targeting drug delivery system for platinum(II)-Based antitumor complexes. <i>European Journal of Medicinal Chemistry</i> , 2020, 194, 112229.	2.6	42
1707	Antibacterial Polylactic-co-glycolic Acid Braided Threads Using Plasma and Coating Modifications for Acupoint Catgut Embedding Therapy Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 1902-1912.	2.3	2
1708	Systemic Review of Biodegradable Nanomaterials in Nanomedicine. <i>Nanomaterials</i> , 2020, 10, 656.	1.9	173
1709	Polymer-Based Porous Microcapsules as Bacterial Traps. <i>Advanced Functional Materials</i> , 2020, 30, 1908855.	7.8	12
1710	Anti-tumor effect of PEG-coated PLGA nanoparticles of febusostat on A549 non-small cell lung cancer cells. <i>3 Biotech</i> , 2020, 10, 133.	1.1	24

#	ARTICLE	IF	CITATIONS
1711	Translating the fabrication of protein-loaded poly(lactic-co-glycolic acid) nanoparticles from bench to scale-independent production using microfluidics. Drug Delivery and Translational Research, 2020, 10, 582-593.	3.0	50
1712	Formulation of monomyristin-loaded polyester nanoparticles with controlled surface properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 593, 124616.	2.3	0
1713	Flow-through cell-based in vitro release method for triamcinolone acetonide poly(lactic-co-glycolic) acid microspheres. International Journal of Pharmaceutics, 2020, 579, 119130.	2.6	13
1714	pH-responsive high stability polymeric nanoparticles for targeted delivery of anticancer therapeutics. Communications Biology, 2020, 3, 95.	2.0	163
1715	Incorporation of Smooth Muscle Cells Derived from Human Adipose Stem Cells on Poly(Lactic-co-Glycolic Acid) Scaffold for the Reconstruction of Subtotally Resected Urinary Bladder in Athymic Rats. Tissue Engineering and Regenerative Medicine, 2020, 17, 553-563.	1.6	15
1716	Degradable Polymer Films Made from Poly(salicylic acid-co-sebacic acid) and Poly(sebacic) Tj ETQq1 1 0.784314 rgBT /Overlock Polymer Multilayer Systems. Macromolecular Chemistry and Physics, 2020, 221, 2000106.	1.1	4
1717	Nanoparticles for mucosal vaccine delivery. , 2020 , 603-646.		24
1718	Lancing Drug Reservoirs into Subcutaneous Fat to Combat Obesity and Associated Metabolic Diseases. Small, 2020, 16, 2002872.	5.2	8
1719	Smart Microneedles with Porous Polymer Layer for Glucose-Responsive Insulin Delivery. Pharmaceutics, 2020, 12, 606.	2.0	28
1720	Atelocollagen promotes chondrogenic differentiation of human adipose-derived mesenchymal stem cells. Scientific Reports, 2020, 10, 10678.	1.6	12
1721	Non Isothermal Crystallization Kinetics and Isothermal Decomposition of		

#	ARTICLE	IF	CITATIONS
1729	Applications of Bacillus subtilis Spores in Biotechnology and Advanced Materials. Applied and Environmental Microbiology, 2020, 86, .	1.4	41
1730	A Review on Nano-Based Drug Delivery System for Cancer Chemoimmunotherapy. Nano-Micro Letters, 2020, 12, 142.	14.4	156
1731	Adenovirus-Mimetic Nanoparticles: Sequential Ligandâ€“Receptor Interplay as a Universal Tool for Enhanced In Vitro/In Vivo Cell Identification. ACS Applied Materials & Interfaces, 2020, 12, 34689-34702.	4.0	14
1732	Preparation and modeling of threeâ€“layered PCL/PLGA/PCL fibrous scaffolds for prolonged drug release. Scientific Reports, 2020, 10, 11126.	1.6	49
1733	Regulation of the Ocular Cell/Tissue Response by Implantable Biomaterials and Drug Delivery Systems. Bioengineering, 2020, 7, 65.	1.6	16
1734	Cationic Nanostructures for Vaccines Design. Biomimetics, 2020, 5, 32.	1.5	20
1735	Towards Robust Delivery of Antimicrobial Peptides to Combat Bacterial Resistance. Molecules, 2020, 25, 3048.	1.7	53
1736	A breathable, biodegradable, antibacterial, and self-powered electronic skin based on all-nanofiber triboelectric nanogenerators. Science Advances, 2020, 6, eaba9624.	4.7	589
1737	PLAGA-PEG-PLAGA Terpolymer-Based Carriers of Herbicides for Potential Application in Environment-Friendly, Controlled Release Systems of Agrochemicals. Materials, 2020, 13, 2778.	1.3	7
1738	Hybrid polymeric nanoparticles with high zoledronic acid payload and proton sponge-triggered rapid drug release for anticancer applications. Materials Science and Engineering C, 2020, 116, 111277.	3.8	18
1739	Fabrication and characterization of hydrocortisone loaded Dextran-Poly Lactic-co-Glycolic acid micelle. Heliyon, 2020, 6, e03975.	1.4	13
1740	Growth Factors, Carrier Materials, and Bone Repair. Handbook of Experimental Pharmacology, 2020, 262, 121-156.	0.9	9
1741	Just how prevalent are peptide therapeutic products? A critical review. International Journal of Pharmaceutics, 2020, 587, 119491.	2.6	28
1742	Evaluation of potential environmental toxicity of polymeric nanomaterials and surfactants. Environmental Toxicology and Pharmacology, 2020, 76, 103353.	2.0	26
1743	Curcumin loaded nanoparticles reversed monocrotophos induced motor impairment and memory deficit: Role of oxidative stress and intracellular calcium level. Journal of Drug Delivery Science and Technology, 2020, 56, 101559.	1.4	11
1744	Electrospun Nanofibers as Carriers of Microorganisms, Stem Cells, Proteins, and Nucleic Acids in Therapeutic and Other Applications. Frontiers in Bioengineering and Biotechnology, 2020, 8, 130.	2.0	104
1745	PLGA nanodepots co-encapsulating prostratin and anti-CD25 enhance primary natural killer cell antiviral and antitumor function. Nano Research, 2020, 13, 736-744.	5.8	17
1746	<p>PEGylated PLGA Nanoparticle Delivery of Eggmanone for T Cell Modulation: Applications in Rheumatic Autoimmunity</p>. International Journal of Nanomedicine, 2020, Volume 15, 1215-1228.	3.3	14

#	ARTICLE	IF	CITATIONS
1747	Biodegradation of 3D-printed polylactic acid milliprojections under physiological conditions. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49129.	1.3	8
1748	Novel elvitegravir nanoformulation for drug delivery across the blood-brain barrier to achieve HIV-1 suppression in the CNS macrophages. <i>Scientific Reports</i> , 2020, 10, 3835.	1.6	53
1749	Polyester functional graphenic materials as a mechanically enhanced scaffold for tissue regeneration. <i>RSC Advances</i> , 2020, 10, 8548-8557.	1.7	6
1750	Slicing parameter optimization for 3D printing of biodegradable drug-eluting tracheal stents. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 650-658.	1.1	7
1751	Comparative Study of PLGA in-situ Implant and Nanoparticle Formulations of Entecavir; in-vitro and in-vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101585.	1.4	10
1752	Preparation and characterization of polylactic-co-glycolic acid/insulin nanoparticles encapsulated in methacrylate coated gelatin with sustained release for specific medical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 910-937.	1.9	8
1753	Conducting Polymer-Based Composite Materials for Therapeutic Implantations: From Advanced Drug Delivery System to Minimally Invasive Electronics. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-16.	1.2	14
1754	<i>In vitro</i> cell culture in hollow microfibers with porous structures. <i>Biomaterials Science</i> , 2020, 8, 2175-2188.	2.6	19
1755	Material, Immunological, and Practical Perspectives on Eye Drop Formulation. <i>Advanced Functional Materials</i> , 2020, 30, 1908476.	7.8	16
1756	Mesoscale Modeling and Experimental Study of Quercetin Organization as Nanoparticles in the Poly-lactic-co-glycolic Acid/Water System under Different Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 4809-4816.	1.8	5
1757	Newer approaches and novel drugs for inhalational therapy for pulmonary arterial hypertension. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 439-461.	2.4	24
1758	Biodegradable nanomaterials. , 2020, , 123-157.		5
1759	Micro vs. nano: PLGA particles loaded with trimethoprim for instillative treatment of urinary tract infections. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119158.	2.6	11
1760	Delivery of pDNA to lung epithelial cells using PLGA nanoparticles formulated with a cell-penetrating peptide: understanding the intracellular fate. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 427-442.	0.9	17
1761	Effect of Manufacturing Variables and Raw Materials on the Composition-Equivalent PLGA Microspheres for 1-Month Controlled Release of Leuprolide. <i>Molecular Pharmaceutics</i> , 2020, 17, 1502-1515.	2.3	33
1762	Bioprinting 101: Design, Fabrication, and Evaluation of Cell-Laden 3D Bioprinted Scaffolds. <i>Tissue Engineering - Part A</i> , 2020, 26, 318-338.	1.6	104
1763	Poly(lactic-co-glycolic acid)/Polyethylenimine Nanocarriers for Direct Genetic Reprogramming of MicroRNA Targeting Cardiac Fibroblasts. <i>ACS Applied Nano Materials</i> , 2020, 3, 2491-2505.	2.4	15
1764	Diclofenac sodium loaded PLGA nanoparticles for inflammatory diseases with high anti-inflammatory properties at low dose: Formulation, characterization and in vivo HET-CAM analysis. <i>Microvascular Research</i> , 2020, 130, 103991.	1.1	34

#	ARTICLE	IF	CITATIONS
1765	Human mesenchymal stem cell therapy for cartilage repair: Review on isolation, expansion, and constructs. <i>Stem Cell Research</i> , 2020, 44, 101738.	0.3	53
1766	Antioxidant and Anti-Inflammatory Properties of Cherry Extract: Nanosystems-Based Strategies to Improve Endothelial Function and Intestinal Absorption. <i>Foods</i> , 2020, 9, 207.	1.9	24
1767	Designing Salvigenin "loaded mPEG-b-PLGA @Fe ₃ O ₄ nanoparticles system for improvement of Salvigenin anti-cancer effects on the breast cancer cells, an in vitro study. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101619.	1.4	10
1768	Sustained Release of Levobupivacaine, Lidocaine, and Acemetacin from Electrospayed Microparticles: In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1093.	1.8	3
1769	Nanocarriers as Magic Bullets in the Treatment of Leukemia. <i>Nanomaterials</i> , 2020, 10, 276.	1.9	38
1770	Facile Fabrication of Composite Scaffolds for Long-Term Controlled Dual Drug Release. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-10.	0.8	2
1771	Design and Characterization of Injectable Poly(Lactic-Co-Glycolic Acid) Pastes for Sustained and Local Drug Release. <i>Pharmaceutical Research</i> , 2020, 37, 36.	1.7	10
1772	Stimuli Responsive In Situ Gelling Systems Loaded with PLGA Nanoparticles of Moxifloxacin Hydrochloride for Effective Treatment of Periodontitis. <i>AAPS PharmSciTech</i> , 2020, 21, 76.	1.5	24
1773	Comparative whole corona fingerprinting and protein adsorption thermodynamics of PLGA and PCL nanoparticles in human serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110816.	2.5	19
1774	Nanobiomaterial Engineering. , 2020, , .		46
1775	GANT61 and curcumin-loaded PLGA nanoparticles for GII1 and PI3K/Akt-mediated inhibition in breast adenocarcinoma. <i>Nanotechnology</i> , 2020, 31, 185102.	1.3	38
1776	Injectable hydrogel enables local and sustained co-delivery to the brain: Two clinically approved biomolecules, cyclosporine and erythropoietin, accelerate functional recovery in rat model of stroke. <i>Biomaterials</i> , 2020, 235, 119794.	5.7	44
1777	Controllable fabrication of biodegradable Janus and multi-layered particles with hierarchically porous structure. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 120-134.	5.0	22
1778	Amino Acid-Based Poly(ester urea)s as a Matrix for Extended Release of Entecavir. <i>Biomacromolecules</i> , 2020, 21, 946-954.	2.6	8
1779	Low-temperature solvent-based 3D printing of PLGA: a parametric printability study. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 173-178.	0.9	23
1780	Anti-angiogenesis by dual action of R5K peptide conjugated itraconazole nanoparticles. <i>AAPS PharmSciTech</i> , 2020, 21, 74.	1.5	16
1781	Indocyanine Green-Nexturastat A-PLGA Nanoparticles Combine Photothermal and Epigenetic Therapy for Melanoma. <i>Nanomaterials</i> , 2020, 10, 161.	1.9	25
1782	Effects of different polyaniline emeraldine compositions in electrodepositing ginsenoside encapsulated poly(lactic-co-glycolic acid) microcapsules coating: Physicochemical characterization and in vitro evaluation. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1171-1185.	2.1	1

#	ARTICLE	IF	CITATIONS
1783	Shear bond strength, adhesive remnant index, and anti-biofilm effects of a photoexcited modified orthodontic adhesive containing curcumin doped poly lactic-co-glycolic acid nanoparticles: An ex-vivo biofilm model of <i>S. mutans</i> on the enamel slab bonded brackets. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101674.	1.3	30
1784	Polyester based polymeric nano and microparticles for pharmaceutical purposes: A review on formulation approaches. <i>Journal of Controlled Release</i> , 2020, 320, 265-282.	4.8	105
1785	Albumin nanocarriers for pulmonary drug delivery: An attractive approach. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101529.	1.4	27
1786	Long-term study on the osteogenetic capability and mechanical behavior of a new resorbable biocomposite anchor in a canine model. <i>Journal of Orthopaedic Translation</i> , 2020, 21, 81-90.	1.9	4
1787	Long-gap peripheral nerve repair through sustained release of a neurotrophic factor in nonhuman primates. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	94
1788	The Design of Poly(lactide-co-glycolide) Nanocarriers for Medical Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 48.	2.0	124
1789	Novel chitosan-based pH-responsive lipid-polymer hybrid nanovesicles (OLA-LPHVs) for delivery of vancomycin against methicillin-resistant <i>Staphylococcus aureus</i> infections. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 385-398.	3.6	44
1790	Nitrilotriacetic acid-end-functionalized polycaprolactone as a template for polymer-protein nanocarriers. <i>Polymer Chemistry</i> , 2020, 11, 1580-1588.	1.9	7
1791	Nanotechnologies in Food Science: Applications, Recent Trends, and Future Perspectives. <i>Nano-Micro Letters</i> , 2020, 12, 45.	14.4	300
1792	<p>Doxycycline-Embedded Nanofibrous Membranes Help Promote Healing of Tendon Rupture</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 125-136.	3.3	13
1793	Microfluidics Mediated Production of Foams for Biomedical Applications. <i>Micromachines</i> , 2020, 11, 83.	1.4	26
1794	Oxytocin-loaded sustained-release hydrogel graft provides accelerated bone formation: An experimental rat study. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1676-1687.	1.2	9
1795	Biocompatible PLGA-Mesoporous Silicon Microspheres for the Controlled Release of BMP-2 for Bone Augmentation. <i>Pharmaceutics</i> , 2020, 12, 118.	2.0	18
1796	Trimethoprim-Loaded Microspheres Prepared from Low-Molecular-Weight PLGA as a Potential Drug Delivery System for the Treatment of Urinary Tract Infections. <i>ACS Omega</i> , 2020, 5, 9013-9022.	1.6	11
1797	Evaluation of the Novel Antimicrobial BCP3 in a Coating for Endotracheal Tubes. <i>ACS Omega</i> , 2020, 5, 10288-10296.	1.6	12
1798	Investigating the Effect of Encapsulation Processing Parameters on the Viability of Therapeutic Viruses in Electrospraying. <i>Pharmaceutics</i> , 2020, 12, 388.	2.0	1
1799	Encapsulation of the Antioxidant Tyrosol and Characterization of Loaded Microparticles: an Integrative Approach on the Study of the Polymer-Carriers and Loading Contents. <i>Food and Bioprocess Technology</i> , 2020, 13, 764-785.	2.6	17
1800	Biodegradable polymers. , 2020, , 317-342.		5

#	ARTICLE	IF	CITATIONS
1801	Mechanical strength and biocompatibility of bredigite (Ca ₇ MgSi ₄ O ₁₆) tissue-engineering scaffolds modified by aliphatic polyester coatings. <i>Ceramics International</i> , 2020, 46, 16439-16446.	2.3	20
1802	Integrating cold atmospheric plasma with 3D printed bioactive nanocomposite scaffold for cartilage regeneration. <i>Materials Science and Engineering C</i> , 2020, 111, 110844.	3.8	22
1803	Macroscopic Silicone Microchannel Matrix for Tailored Drug Release and Localized Glioblastoma Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3388-3397.	2.6	12
1804	Delivery of dual miRNA through CD44-targeted mesoporous silica nanoparticles for enhanced and effective triple-negative breast cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 2939-2954.	2.6	59
1805	Microfluidic Synthesis of Rifampicin Loaded PLGA Nanoparticles and the Effect of Formulation on their Physical and Antibacterial Properties. <i>Australian Journal of Chemistry</i> , 2020, 73, 151.	0.5	8
1806	Effect of different molecular weight PLGA on flurbiprofen nanoparticles: formulation, characterization, cytotoxicity, and <i>in vivo</i> anti-inflammatory effect by using HET-CAM assay. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 682-695.	0.9	29
1807	Tunable Release of Curcumin with an <i>In Silico</i> -Supported Approach from Mixtures of Highly Porous PLGA Microparticles. <i>Materials</i> , 2020, 13, 1807.	1.3	24
1808	Hybrid Nanoparticles of Poly (Methyl Methacrylate) and Antimicrobial Quaternary Ammonium Surfactants. <i>Pharmaceutics</i> , 2020, 12, 340.	2.0	14
1809	Cisplatin and farnesol co-encapsulated PLGA nano-particles demonstrate enhanced anti-cancer potential against hepatocellular carcinoma cells <i>in vitro</i> . <i>Molecular Biology Reports</i> , 2020, 47, 3615-3628.	1.0	10
1810	Comparative study of cilnidipine loaded PLGA nanoparticles: process optimization by DoE, physico-chemical characterization and <i>in vivo</i> evaluation. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1442-1458.	3.0	8
1811	Emerging Nano- and Micro-Technologies Used in the Treatment of Type-1 Diabetes. <i>Nanomaterials</i> , 2020, 10, 789.	1.9	33
1812	Selection of superior targeting ligands using PEGylated PLGA nanoparticles for delivery of curcumin in the treatment of triple-negative breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101722.	1.4	23
1813	Complex Relationship between Iron Oxide Nanoparticle Degradation and the Signal Intensity in Magnetic Particle Imaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 3991-3999.	2.4	18
1814	Mitigation of Tacrolimus-Associated Nephrotoxicity by PLGA Nanoparticulate Delivery Following Multiple Dosing to Mice while Maintaining its Immunosuppressive Activity. <i>Scientific Reports</i> , 2020, 10, 6675.	1.6	11
1815	PLGA Microspheres with Alginate-Coated Large Pores for the Formulation of an Injectable Depot of Donepezil Hydrochloride. <i>Pharmaceutics</i> , 2020, 12, 311.	2.0	14
1816	Toxicity of polymeric nanomaterials. , 2020, , 167-191.		5
1817	Synergistic drug combinations for a precision medicine approach to interstitial glioblastoma therapy. <i>Journal of Controlled Release</i> , 2020, 323, 282-292.	4.8	28
1818	Biosynthesis and characterization of poly(<i>ε</i> -lactate- <i>co</i> - <i>ε</i> -glycolate- <i>co</i> - <i>ε</i> -4-hydroxybutyrate). <i>Biotechnology and Bioengineering</i> , 2020, 117, 2187-2197.	1.7	8

#	ARTICLE	IF	CITATIONS
1819	Biomaterials- and Microfluidics-Based Tissue Engineered 3D Models. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	6
1820	Biomaterials and Microfluidics for Liver Models. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1230, 65-86.	0.8	3
1821	Platensimycin-Encapsulated Poly(lactic-co-glycolic acid) and Poly(amidoamine) Dendrimers Nanoparticles with Enhanced Anti-Staphylococcal Activity in Vivo. <i>Bioconjugate Chemistry</i> , 2020, 31, 1425-1437.	1.8	22
1822	<p>Correlative ex situ and Liquid-Cell TEM Observation of Bacterial Cell Membrane Damage Induced by Rough Surface Topology</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1929-1938.	3.3	13
1823	Vitamin C Loaded Chemically Modified Nano Carrier for Human Health Care Application. <i>Current Biochemical Engineering</i> , 2020, 6, 34-40.	1.3	5
1824	Tumor cell death in orthotopic breast cancer model by NanoALA: a novel perspective on photodynamic therapy in oncology. <i>Nanomedicine</i> , 2020, 15, 1019-1036.	1.7	3
1825	Perfluorooctane sulfonate enhances mRNA expression of PPAR ^{̂3} and ap2 in human mesenchymal stem cells monitored by long-retained intracellular nanosensor. <i>Environmental Pollution</i> , 2020, 263, 114571.	3.7	5
1826	Long-term glycemic control and prevention of diabetes complications in vivo using oleic acid-grafted-chitosanâzinc-insulin complexes incorporated in thermosensitive copolymer. <i>Journal of Controlled Release</i> , 2020, 323, 161-178.	4.8	37
1827	Biodegradable stent coatings on the basis of PLGA polymers of different molecular mass, sustaining a steady release of the thrombolytic enzyme streptokinase. <i>Reactive and Functional Polymers</i> , 2020, 150, 104550.	2.0	23
1828	Progress on ocular siRNA geneâsilencing therapy and drug delivery systems. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 4-24.	1.0	29
1829	Synthetic multi-layer nanoparticles for CRISPR-Cas9 genome editing. <i>Advanced Drug Delivery Reviews</i> , 2021, 168, 55-78.	6.6	46
1830	Poly(Caprolactone Fumarate) and Oligo[Poly(Ethylene Glycol) Fumarate]: Two Decades of Exploration in Biomedical Applications. <i>Polymer Reviews</i> , 2021, 61, 319-356.	5.3	14
1831	Afatinib-loaded inhalable PLGA nanoparticles for localized therapy of non-small cell lung cancer (NSCLC)âdevelopment and in-vitro efficacy. <i>Drug Delivery and Translational Research</i> , 2021, 11, 927-943.	3.0	34
1832	Preparation and characteristics of a novel oxygenâreleasing coating for improved cell responses in hypoxic environment. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 248-261.	2.1	1
1833	A Comparison of Chitosan, Mesoporous Silica and Poly(lactic-co-glycolic) Acid Nanocarriers for Optimising Intestinal Uptake of Oral Protein Therapeutics. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 217-227.	1.6	9
1834	Use of mPEG-PLGA nanoparticles to improve bioactivity and hemocompatibility of streptokinase: In-vitro and in-vivo studies. <i>Materials Science and Engineering C</i> , 2021, 118, 111427.	3.8	15
1835	Injectable PLGA-Coated Ropivacaine Produces A Long-Lasting Analgesic Effect on Incisional Pain and Neuropathic Pain. <i>Journal of Pain</i> , 2021, 22, 180-195.	0.7	12
1836	Engineering Anisotropic Meniscus: Zonal Functionality and Spatiotemporal Drug Delivery. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 133-154.	2.5	17

#	ARTICLE	IF	CITATIONS
1837	Fabrication techniques of biomimetic scaffolds in three-dimensional cell culture: A review. <i>Journal of Cellular Physiology</i> , 2021, 236, 741-762.	2.0	51
1838	Nanoparticle-Based Estrogen Delivery to Spinal Cord Injury Site Reduces Local Parenchymal Destruction and Improves Functional Recovery. <i>Journal of Neurotrauma</i> , 2021, 38, 342-352.	1.7	19
1839	Novel drug delivery methods for improving efficacy of endometriosis treatments. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 355-367.	2.4	18
1840	Mechano-activated biomolecule release in regenerating load-bearing tissue microenvironments. <i>Biomaterials</i> , 2021, 265, 120255.	5.7	15
1841	Preparation of lysozyme loaded gelatin microcryogels and investigation of their antibacterial properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 189-204.	1.9	14
1842	Efficient cardiomyocyte differentiation of induced pluripotent stem cells on PLGA nanofibers enriched by platelet-rich plasma. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1168-1175.	1.6	8
1843	Insights in the rheological properties of PLGA-PEG-PLGA aqueous dispersions: Structural properties and temperature-dependent behaviour. <i>Polymer</i> , 2021, 213, 123216.	1.8	7
1844	Novel Silibinin Loaded Chitosan-Coated PLGA/PCL Nanoparticles Based Inhalation Formulations with Improved Cytotoxicity and Bioavailability for Lung Cancer. <i>BioNanoScience</i> , 2021, 11, 67-83.	1.5	16
1845	Cellular uptake of polymeric nanoparticles by bovine cumulus-oocyte complexes and their effect on in vitro developmental competence. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 143-155.	2.0	8
1846	Particulate-Based Single-Dose Local Immunosuppressive Regimen for Inducing Tolerogenic Dendritic Cells in Xenogeneic Islet Transplantation. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001157.	3.9	12
1847	Drug eluting implants in pharmaceutical development and clinical practice. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1-17.	2.4	17
1848	Predicting drug release and degradation kinetics of long-acting microsphere formulations of tacrolimus for subcutaneous injection. <i>Journal of Controlled Release</i> , 2021, 329, 372-384.	4.8	21
1849	Design of biodegradable bi-compartmental microneedles for the stabilization and the controlled release of the labile molecule collagenase for skin healthcare. <i>Journal of Materials Chemistry B</i> , 2021, 9, 392-403.	2.9	24
1850	Molybdenum cluster loaded PLGA nanoparticles as efficient tools against epithelial ovarian cancer. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120079.	2.6	26
1851	In situ Formed Implants, Based on PLGA and Eudragit Blends, for Novel Florfenicol Controlled Release Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1270-1278.	1.6	12
1852	Development and characterisation of cytocompatible polyester substrates with tunable mechanical properties and degradation rate. <i>Acta Biomaterialia</i> , 2021, 121, 303-315.	4.1	12
1853	Supercritical emulsion extraction fabricated PLA/PLGA micro/nano carriers for growth factor delivery: Release profiles and cytotoxicity. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120108.	2.6	24
1854	The antagonistic effect of magnesium hydroxide particles on vascular endothelial activation induced by acidic PLGA degradation products. <i>Biomaterials Science</i> , 2021, 9, 892-907.	2.6	24

#	ARTICLE	IF	CITATIONS
1855	Nanoparticles and prostate cancer. , 2021, , 275-318.		4
1856	Low-dimensional nanomaterials enabled autoimmune disease treatments: Recent advances, strategies, and future challenges. Coordination Chemistry Reviews, 2021, 432, 213697.	9.5	5
1857	Systemic tumour suppression via the preferential accumulation of erythrocyte-anchored chemokine-encapsulating nanoparticles in lung metastases. Nature Biomedical Engineering, 2021, 5, 441-454.	11.6	57
1858	Targeting Approaches Using Polymeric Nanocarriers. , 2021, , 393-421.		1
1859	Modulating target engagement of small molecules via drug delivery: approaches and applications in drug discovery and development. Drug Discovery Today, 2021, 26, 713-723.	3.2	3
1860	Development of poly(D,L-lactic-co-glycolic acid) films coated with biomembrane-mimicking polymers for anti-adhesion activity. Materials Science and Engineering C, 2021, 120, 111780.	3.8	8
1861	Has PEG-PLGA advantages for the delivery of hydrophobic drugs? Risperidone as an example. Journal of Drug Delivery Science and Technology, 2021, 61, 102239.	1.4	5
1862	Dual drug delivery of trapoxin A and methotrexate from biocompatible PLGA-PEG polymeric nanoparticles enhanced antitumor activity in breast cancer cell line. Journal of Drug Delivery Science and Technology, 2021, 61, 102294.	1.4	22
1863	A comparison of the degradation behaviour of 3D printed PDLGA scaffolds incorporating bioglass or biosilica. Materials Science and Engineering C, 2021, 120, 111755.	3.8	20
1864	Novel approaches for the treatment of methicillin-resistant Staphylococcus aureus: Using nanoparticles to overcome multidrug resistance. Drug Discovery Today, 2021, 26, 31-43.	3.2	30
1865	Prolonged Plasma Exposure of the Kv1.3-Inhibitory Peptide HsTX1[R14A] by Subcutaneous Administration of a Poly(Lactic-co-Glycolic Acid) (PLGA) Microsphere Formulation. Journal of Pharmaceutical Sciences, 2021, 110, 1182-1188.	1.6	6
1866	Overcoming barriers confronting application of protein therapeutics in bone fracture healing. Drug Delivery and Translational Research, 2021, 11, 842-865.	3.0	10
1868	Trendings of amphotericin B-loaded nanoparticles as valuable chemotherapeutic approaches against leishmaniasis. , 2021, , 291-327.		2
1869	Advancement of Biomaterialâ€Based Postoperative Adhesion Barriers. Macromolecular Bioscience, 2021, 21, e2000395.	2.1	58
1870	Advantages and prospective challenges of nanotechnology applications in fish cultures: a comparative review. Environmental Science and Pollution Research, 2021, 28, 7669-7690.	2.7	14
1871	Toxicity aspects: Crucial obstacles to clinical translation of nanomedicines. , 2021, , 485-494.		0
1872	Evaluating the effect of synthesis, isolation, and characterisation variables on reported particle size and dispersity of drug loaded PLGA nanoparticles. Materials Advances, 2021, 2, 5657-5671.	2.6	11
1873	Microfluidics for coreâ€shell drug carrier particles â€ a review. RSC Advances, 2021, 11, 229-249.	1.7	33

#	ARTICLE	IF	CITATIONS
1874	FK506-loaded PLGA nanoparticles improve long-term survival of a vascularized composite allograft in a murine model. <i>Annals of Translational Medicine</i> , 2021, 9, 1515-1515.	0.7	1
1875	Multifunctional Biopolymers-Based Composite Materials for Biomedical Applications: A Systematic Review. <i>ChemistrySelect</i> , 2021, 6, 154-176.	0.7	15
1876	Development and Characterization of PLGA-Based Multistage Delivery System for Enhanced Payload Delivery to Targeted Vascular Endothelium. <i>Macromolecular Bioscience</i> , 2021, 21, e2000377.	2.1	5
1877	Silk Reservoir Implants for Sustained Drug Delivery. <i>ACS Applied Bio Materials</i> , 2021, 4, 869-880.	2.3	8
1878	3D Printing Methods Applicable in Oral and Maxillofacial Surgery. , 2021, , 11-60.		1
1879	Polymer-Based Protein Delivery Systems for Loco-Regional Administration. , 2021, , 249-270.		0
1880	Elasticity, Strength, and Biocompatibility of Hydrogels. <i>Gels Horizons: From Science To Smart Materials</i> , 2021, , 213-229.	0.3	0
1881	Advancements on microparticles-based drug delivery systems for cancer therapy. , 2021, , 351-358.		1
1882	Droplet microfluidics for biomedical devices. , 2021, , 163-204.		0
1883	Polymer-Based Biomaterials: An Emerging Electrochemical Sensor. , 2021, , 1309-1327.		1
1884	Promising Adjuvants and Platforms for Influenza Vaccine Development. <i>Pharmaceutics</i> , 2021, 13, 68.	2.0	23
1885	Increasing Brain Permeability of PHA-767491, a Cell Division Cycle 7 Kinase Inhibitor, with Biodegradable Polymeric Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 180.	2.0	10
1886	Surface charge modulation of rifampicin-loaded PLA nanoparticles to improve antibiotic delivery in <i>Staphylococcus aureus</i> biofilms. <i>Journal of Nanobiotechnology</i> , 2021, 19, 12.	4.2	43
1887	Cyclodextrin-Based Supramolecular Complexes of Osteoinductive Agents for Dental Tissue Regeneration. <i>Pharmaceutics</i> , 2021, 13, 136.	2.0	12
1888	Polymer-Coated Magnetite Nanoparticles for Protein Immobilization. <i>Materials</i> , 2021, 14, 248.	1.3	64
1889	Improving the miltefosine efficacy against leishmaniasis by using different nanoassemblies made from surfactants or amphiphilic antimony (V) complex. , 2021, , 253-290.		1
1890	Fate of Biomaterials Post Payload Delivery: Current Understanding and Future Perspectives. <i>Nanotechnology in the Life Sciences</i> , 2021, , 141-173.	0.4	1
1891	Sustained, local delivery of the PARP inhibitor talazoparib prevents the development of mammary gland hyperplasia in <i>Brc1</i> -deficient mice. <i>Scientific Reports</i> , 2021, 11, 1234.	1.6	5

#	ARTICLE	IF	CITATIONS
1892	Novel rivaroxaban-loaded poly(lactic-co-glycolic acid)/poloxamer nanoparticles: preparation, physicochemical characterization, in vitro evaluation of time-dependent anticoagulant activity and toxicological profile. <i>Nanotechnology</i> , 2021, 32, 135101.	1.3	12
1893	Chemically Induced Cross-Linking of Peptidic Fibrils for Scaffolding Polymeric Particles and Macrophages. <i>Macromolecular Bioscience</i> , 2021, 21, e2000350.	2.1	0
1894	Enhancement Vehicles of Cardene Loading Poly(D,L-lactic-co-glycolic acid) Nanoparticles in Vitro Controlled Release for Biomedical Application. <i>International Journal of Pharma Medicine and Biological Sciences</i> , 2021, 10, 1-7.	0.1	3
1895	Inhaled antibiotic-loaded polymeric nanoparticles for the management of lower respiratory tract infections. <i>Nanoscale Advances</i> , 2021, 3, 4005-4018.	2.2	24
1896	Engineering microenvironment of biodegradable polyester systems for drug stability and release control. <i>Therapeutic Delivery</i> , 2021, 12, 37-54.	1.2	9
1897	Current and future challenges in polymeric nanomaterials for biomedical applications. , 2021, , 327-359.		0
1898	Poly(lactic coglycolic acid (PLGA)-based green materials for drug delivery. , 2021, , 425-440.		1
1899	Electrodynamic assisted self-assembled fibrous hydrogel microcapsules: a novel 3D <i>in vitro</i> platform for assessment of nanoparticle toxicity. <i>RSC Advances</i> , 2021, 11, 4921-4934.	1.7	8
1900	Bone-adhesive barrier membranes based on alendronate-functionalized poly(2-oxazoline)s. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5848-5860.	2.9	6
1901	Curcumin Loaded Polymeric vs. Lipid Nanoparticles: Antioxidant Effect on Normal and Hypoxic Olfactory Ensheathing Cells. <i>Nanomaterials</i> , 2021, 11, 159.	1.9	17
1902	Elucidating the anticancer activities of guanidinium-functionalized amphiphilic random copolymers by varying the structure and composition in the hydrophobic monomer. <i>Theranostics</i> , 2021, 11, 8977-8992.	4.6	3
1903	Switching to Bioplastics for Sustaining our Environment. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-45.	0.3	0
1904	Synthesis, Pharmacokinetics, and Toxicity of Nano-Drug Carriers. , 2021, , 63-106.		3
1905	Nano-synergistic combination of Erlotinib and Quinacrine for non-small cell lung cancer (NSCLC) therapeutics – Evaluation in biologically relevant in-vitro models. <i>Materials Science and Engineering C</i> , 2021, 121, 111891.	3.8	9
1906	Key Factor Study for Generic Long-Acting PLGA Microspheres Based on a Reverse Engineering of Vivitrol®. <i>Molecules</i> , 2021, 26, 1247.	1.7	16
1907	Microneedle array systems for long-acting drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 159, 44-76.	2.0	137
1908	CCL4-mediated targeting of spleen tyrosine kinase (Syk) inhibitor using nanoparticles alleviates inflammatory bowel disease. <i>Clinical and Translational Medicine</i> , 2021, 11, e339.	1.7	13
1909	In-vitro Degradation Behaviors of Poly(L-lactide-co-glycolide-co- μ -caprolactone) Microspheres. <i>Journal of Macromolecular Science - Physics</i> , 2021, 60, 521-529.	0.4	8

#	ARTICLE	IF	CITATIONS
1910	Drug delivery platforms for neonatal brain injury. <i>Journal of Controlled Release</i> , 2021, 330, 765-787.	4.8	7
1911	Layer-by-Layer technique as a versatile tool for gene delivery applications. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1047-1066.	2.4	17
1912	<i>In Vivo</i> T Cell-Targeting Nanoparticle Drug Delivery Systems: Considerations for Rational Design. <i>ACS Nano</i> , 2021, 15, 3736-3753.	7.3	50
1913	ROP of ϵ -lactide and ϵ -caprolactone catalyzed by tin(II) and tin(IV) acetates "switching from COOH terminated linear chains to cycles. <i>Journal of Polymer Science</i> , 2021, 59, 439-450.	2.0	13
1914	Encapsulation of Andrographolide in poly(lactide-co-glycolide) Nanoparticles: Formulation Optimization and in vitro Efficacy Studies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 639409.	2.0	23
1915	Doxorubicin Loaded PLGA Nanoparticle with Cationic/Anionic Polyelectrolyte Decoration: Characterization, and Its Therapeutic Potency. <i>Polymers</i> , 2021, 13, 693.	2.0	12
1916	Implanted Flexible Electronics: Set Device Lifetime with Smart Nanomaterials. <i>Micromachines</i> , 2021, 12, 157.	1.4	24
1917	Orbital reconstruction - applied materials, therapeutic agents and clinical problems of restoration of defects. <i>European Journal of Pharmacology</i> , 2021, 892, 173766.	1.7	1
1918	Physical and Barrier Properties of Poly(lactic Acid)/Halloysite Nanotubes-Titanium Dioxide Nanocomposites. <i>Materials Science Forum</i> , 0, 1021, 280-289.	0.3	4
1919	Macroencapsulation of mesenchymal stem cells in acute and chronic liver injury animal models. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 1997-2007.	1.4	5
1920	Solvent-Free Polycaprolactone Dissolving Microneedles Generated via the Thermal Melting Method for the Sustained Release of Capsaicin. <i>Micromachines</i> , 2021, 12, 167.	1.4	17
1921	Intranasal drug delivery for treatment of Alzheimer's disease. <i>Drug Delivery and Translational Research</i> , 2021, 11, 411-425.	3.0	34
1922	Biodegradable Hydrophobic Injectable Polymers for Drug Delivery and Regenerative Medicine. <i>Advanced Functional Materials</i> , 2021, 31, 2010284.	7.8	35
1923	Insights into kinetics, release, and behavioral effects of brain-targeted hybrid nanoparticles for cholesterol delivery in Huntington's disease. <i>Journal of Controlled Release</i> , 2021, 330, 587-598.	4.8	33
1924	Wide-Ranging Multitool Study of Structure and Porosity of PLGA Scaffolds for Tissue Engineering. <i>Polymers</i> , 2021, 13, 1021.	2.0	7
1925	High Temperature Poly(lactide)s by Means of Bismuth Catalysts?. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100019.	1.1	3
1926	PLGA Based Nanospheres as a Potent Macrophage-Specific Drug Delivery System. <i>Nanomaterials</i> , 2021, 11, 749.	1.9	27
1927	Polymers in topical delivery of anti-psoriatic medications and other topical agents in overcoming the barriers of conventional treatment strategies. <i>Progress in Biomaterials</i> , 2021, 10, 1-17.	1.8	23

#	ARTICLE	IF	CITATIONS
1928	Chirality-Directed Regioselectivity: An Approach for the Synthesis of Alternating Poly(Lactic-co-Glycolic Acid). <i>Journal of the American Chemical Society</i> , 2021, 143, 4119-4124.	6.6	44
1929	A novel anhydrous preparation of PEG hydrogels enables high drug loading with biologics for controlled release applications. <i>European Polymer Journal</i> , 2021, 147, 110286.	2.6	7
1930	Nanoparticle-mediated pulmonary drug delivery: state of the art towards efficient treatment of recalcitrant respiratory tract bacterial infections. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1634-1654.	3.0	33
1931	Bioadhesive Nanoporous Module: Toward Autonomous Gating. <i>Angewandte Chemie</i> , 2021, 133, 9014-9019.	1.6	0
1932	Investigation of Vasculogenesis Inducing Biphasic Scaffolds for Bone Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1526-1538.	2.6	12
1933	Nanoparticles for delivery of agents to fetal lungs. <i>Acta Biomaterialia</i> , 2021, 123, 346-353.	4.1	15
1934	Controlled drug release: On the evolution of physically entrapped drug inside the electrospun poly(lactic-co-glycolic acid) matrix. <i>Journal of Controlled Release</i> , 2021, 331, 472-479.	4.8	13
1935	Nanotechnology-Based Strategies to Evaluate and Counteract Cancer Metastasis and Neoangiogenesis. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002163.	3.9	14
1936	Recent developments in natural and synthetic polymeric drug delivery systems used for the treatment of osteoarthritis. <i>Acta Biomaterialia</i> , 2021, 123, 31-50.	4.1	66
1937	Garcinol Encapsulated Ph-Sensitive Biodegradable Nanoparticles: A Novel Therapeutic Strategy for the Treatment of Inflammatory Bowel Disease. <i>Polymers</i> , 2021, 13, 862.	2.0	16
1938	The Evaluation of Drug Delivery Nanocarrier Development and Pharmacological Briefing for Metabolic-Associated Fatty Liver Disease (MAFLD): An Update. <i>Pharmaceuticals</i> , 2021, 14, 215.	1.7	7
1939	Nanotechnology approaches for global infectious diseases. <i>Nature Nanotechnology</i> , 2021, 16, 369-384.	15.6	232
1940	Targeted Drug Delivery for Sustainable Crop Protection: Transport and Stability of Polymeric Nanocarriers in Plants. <i>Advanced Science</i> , 2021, 8, e2100067.	5.6	25
1941	3D-Bioprinting Strategies Based on In Situ Bone-Healing Mechanism for Vascularized Bone Tissue Engineering. <i>Micromachines</i> , 2021, 12, 287.	1.4	13
1942	A Concept Evaluation Study of a New Combination Bictegravir plus Tenofovir Alafenamide Nanoformulation with Prolonged Sustained-Drug-Release Potency for HIV-1 Preexposure Prophylaxis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	7
1943	Long-Acting Formulations: A Promising Approach for the Treatment of Chronic Diseases. <i>Current Pharmaceutical Design</i> , 2021, 27, 876-889.	0.9	2
1944	Biodegradation study of PLGA as an injectable in situ depot-forming implant for controlled release of paclitaxel. <i>Polymer Bulletin</i> , 2022, 79, 2763-2776.	1.7	7
1945	A Review on Expedient Assets of Polymers Employed in Novel Topical Formulation for Successful Treatment of Arthritis. <i>Current Applied Polymer Science</i> , 2021, 4, 15-30.	0.2	0

#	ARTICLE	IF	CITATIONS
1946	Novel insights on the encapsulation mechanism of PLGA terminal groups on ropivacaine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 160, 143-151.	2.0	18
1947	Bioadhesive Nanoporous Module: Toward Autonomous Gating. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8932-8937.	7.2	4
1948	Review of Approaches for Increasing Ophthalmic Bioavailability for Eye Drop Formulations. <i>AAPS PharmSciTech</i> , 2021, 22, 107.	1.5	38
1949	FORMULATION OF 0.5%AZITHROMYCIN GEL AS LOCAL DRUG DELIVERY AGENT FOR PERIODONTAL THERAPY- INVITRO DRUG RELEASE STUDY. , 2021, , 11-14.		0
1950	A Multiepitope Peptide, rOmp22, Encapsulated in Chitosan-PLGA Nanoparticles as a Candidate Vaccine Against <i>Acinetobacter baumannii</i> Infection. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1819-1836.	3.3	35
1951	Polymeric microparticle systems for modified release of glucagon-like-peptide-1 receptor agonists. <i>Journal of Microencapsulation</i> , 2021, 38, 249-261.	1.2	1
1952	Formulation of stabilizer-free, nontoxic PLGA and elastin-PLGA nanoparticle delivery systems. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120340.	2.6	16
1953	Improving the Cellular Uptake of Biomimetic Magnetic Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 766.	1.9	15
1954	Laser-induced thermal response and controlled release of copper oxide nanoparticles from multifunctional polymeric nanocarriers. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 218-233.	2.8	20
1955	Self-injectable extended release formulation of Remdesivir (SelfExRem): A potential formulation alternative for COVID-19 treatment. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120329.	2.6	17
1956	Development of Polymeric Nanoparticles for Bloodâ€“Brain Barrier Transferâ€“Strategies and Challenges. <i>Advanced Science</i> , 2021, 8, 2003937.	5.6	143
1957	Improved Controlled Release and Brain Penetration of the Small Molecule S14 Using PLGA Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3206.	1.8	15
1958	A Review on Designing Poly (Lactic-co-glycolic Acid) Nanoparticles as Drug Delivery Systems. <i>Pharmaceutical Nanotechnology</i> , 2021, 9, 36-50.	0.6	20
1959	pH-Triggered Poly(ethylene glycol)â€“Poly(lactic acid/glycolic acid)/Croconaine Nanoparticles-Assisted Multiplexed Photoacoustic Imaging and Enhanced Photothermal Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 4152-4164.	2.3	17
1960	Nanotechnology based solutions for anti-leishmanial impediments: a detailed insight. <i>Journal of Nanobiotechnology</i> , 2021, 19, 106.	4.2	32
1961	Minocycline Hydrochloride Controlled-release Microsphere Preparation Process Optimization Based on the Robust Design Method. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021, 18, 752-760.	0.6	0
1962	Novel nanoformulated combination of Se and CeO 2 particles loaded polylacticâ€“glycolic acid vesicle to improved antiâ€“inflammation and autoâ€“regenerative for the treatment and care of spinal cord injury. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6269.	1.7	4
1963	Patient-Specific 3-Dimensional Model of Smooth Muscle Cell and Extracellular Matrix Dysfunction for the Study of Aortic Aneurysms. <i>Journal of Endovascular Therapy</i> , 2021, 28, 604-613.	0.8	5

#	ARTICLE	IF	CITATIONS
1965	Magnesium-based biomaterials as emerging agents for bone repair and regeneration: from mechanism to application. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 779-804.	5.5	151
1966	Effect of poly(lactic-co-glycolic acid) blend ratios on the hydrolytic degradation of poly(para-dioxanone). <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	9
1967	Development and evaluation of polymeric nanoparticles as a delivery system for snake envenoming prevention. <i>Biologicals</i> , 2021, 70, 44-52.	0.5	8
1968	Cefaclor Monohydrate-Loaded Colon-Targeted Nanoparticles for Use in COVID-19 Dependent Coinfections and Intestinal Symptoms: Formulation, Characterization, Release Kinetics, and Antimicrobial Activity. <i>Assay and Drug Development Technologies</i> , 2021, 19, 156-175.	0.6	9
1969	PLGA Nanoparticle-Based Formulations to Cross the Blood-Brain Barrier for Drug Delivery: From R&D to cGMP. <i>Pharmaceutics</i> , 2021, 13, 500.	2.0	55
1970	Nanotechnology-based rose Bengal: A broad-spectrum biomedical tool. <i>Dyes and Pigments</i> , 2021, 188, 109236.	2.0	45
1971	Recent advances in electronic devices for monitoring and modulation of brain. <i>Nano Research</i> , 2021, 14, 3070-3095.	5.8	18
1972	Electronic, mechanical and thermal properties of SiO ₂ nanotube interacting with poly lactic-co-glycolic acid: Density functional theory and molecular dynamics studies. <i>Applied Surface Science</i> , 2021, 546, 148894.	3.1	9
1973	Double-Controlled Release of Poorly Water-Soluble Paliperidone Palmitate from Self-Assembled Albumin-Oleic Acid Nanoparticles in PLGA in situ Forming Implant. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2819-2831.	3.3	4
1974	Persistent Remnants of Dexamethasone Intravitreal Implant Over 24 Months in a Patient Suffering from Anterior and Intermediate Uveitis Associated with Macular Edema. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2021, 238, 454-457.	0.3	0
1975	Synthesis and self-assembly of curcumin-modified amphiphilic polymeric micelles with antibacterial activity. <i>Journal of Nanobiotechnology</i> , 2021, 19, 104.	4.2	42
1976	Degradation Behavior of Polymers Used as Coating Materials for Drug Delivery—A Basic Review. <i>Polymers</i> , 2021, 13, 1272.	2.0	47
1977	Engineering Polymeric Nanosystems against Oral Diseases. <i>Molecules</i> , 2021, 26, 2229.	1.7	5
1978	Oxyresveratrol Inhibits R848-Induced Pro-Inflammatory Mediators Release by Human Dendritic Cells Even When Embedded in PLGA Nanoparticles. <i>Molecules</i> , 2021, 26, 2106.	1.7	5
1979	Design and Evaluation of Long Acting Biodegradable PLGA Microspheres for Ocular Drug Delivery. <i>Nanoscience and Nanotechnology - Asia</i> , 2021, 11, 53-66.	0.3	0
1980	Sustainable preparation of anti-inflammatory atorvastatin PLGA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120404.	2.6	19
1981	Tailor-Made Single-Core PLGA Microbubbles as Acoustic Cavitation Enhancers for Therapeutic Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25748-25758.	4.0	13
1982	Emerging innovations in nano-enabled therapy against age-related macular degeneration: A paradigm shift. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120499.	2.6	13

#	ARTICLE	IF	CITATIONS
1983	Lidocaine-eluting endotracheal tube effectively attenuates intubation related airway response. <i>Annals of Translational Medicine</i> , 2021, 9, 871-871.	0.7	3
1984	Anti-EGFR-mAb and 5-Fluorouracil Conjugated Polymeric Nanoparticles for Colorectal Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2021, 16, 84-100.	0.8	12
1985	Development and Characterization of PLGA Nanoparticles Containing 17-DMAG, an Hsp90 Inhibitor. <i>Frontiers in Chemistry</i> , 2021, 9, 644827.	1.8	12
1986	Sustained Delivery of SB-431542, a Type I Transforming Growth Factor Beta-1 Receptor Inhibitor, to Prevent Arthrofibrosis. <i>Tissue Engineering - Part A</i> , 2021, 27, 1411-1421.	1.6	9
1987	Quality by design prospects of pharmaceuticals application of double emulsion method for PLGA loaded nanoparticles. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	37
1988	3D Bioprinting Human-Induced Pluripotent Stem Cells and Drug-Releasing Microspheres to Produce Responsive Neural Tissues. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000077.	1.7	15
1989	Gut Organoid as a New Platform to Study Alginate and Chitosan Mediated PLGA Nanoparticles for Drug Delivery. <i>Marine Drugs</i> , 2021, 19, 282.	2.2	51
1990	Controlled release of triamcinolone from an episcleral micro film delivery system for open-globe eye injuries and proliferative vitreoretinopathy. <i>Journal of Controlled Release</i> , 2021, 333, 76-90.	4.8	7
1991	Potential application of PLGA microsphere for tissue engineering. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	19
1992	MicroRNA-181a/b-encapsulated PEG/PLGA nanofibrous scaffold promotes osteogenesis of human mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5744-5752.	1.6	13
1993	Polymeric Implants for the Treatment of Intraocular Eye Diseases: Trends in Biodegradable and Non-Biodegradable Materials. <i>Pharmaceutics</i> , 2021, 13, 701.	2.0	30
1994	Recent Advances in Engineered Materials for Immunotherapy-Involved Combination Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2007630.	11.1	112
1995	Tyrosol Derived Poly(ester-arylate)s for Sustained Drug Delivery from Microparticles. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2580-2591.	2.6	7
1996	Preventing Memory Effects in Surface-Enhanced Raman Scattering Substrates by Polymer Coating and Laser-Activated Deprotection. <i>ACS Nano</i> , 2021, 15, 8984-8995.	7.3	22
1997	Development of Polymer-Assisted Nanoparticles and Nanogels for Cancer Therapy: An Update. <i>Gels</i> , 2021, 7, 60.	2.1	31
1998	A highly robust approach to fabricate the mass-customizable mold of sharp-tipped biodegradable polymer microneedles for drug delivery. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120475.	2.6	17
1999	Linear and Branched Lactide Polymers for Targeted Drug Delivery Systems. <i>Polymer Science - Series B</i> , 2021, 63, 257-271.	0.3	16
2000	Polymer-free corticosteroid dimer implants for controlled and sustained drug delivery. <i>Nature Communications</i> , 2021, 12, 2875.	5.8	23

#	ARTICLE	IF	CITATIONS
2001	Cytotoxicity of chlorambucil immobilized on magnetic iron oxide nanoparticles Fe ₃ O ₄ . <i>Micro and Nano Letters</i> , 2021, 16, 515-523.	0.6	3
2002	Targeting Internalized Staphylococcus aureus Using Vancomycin-Loaded Nanoparticles to Treat Recurrent Bloodstream Infections. <i>Antibiotics</i> , 2021, 10, 581.	1.5	4
2003	Drug Release Studies of SCa€514 PLGA Nanoparticles. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
2004	Insight into drug encapsulation in polymeric nanoparticles using microfluidic nanoprecipitation. <i>Chemical Engineering Science</i> , 2021, 235, 116468.	1.9	21
2005	Functionalizing biomaterials to promote neurovascular regeneration following skeletal muscle injury. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C1099-C1111.	2.1	6
2006	Longâ€Term Controlled Release of Simvastatin from Photoprinted Tripleâ€Networked Hydrogels Composed of Modified Chitosan and PLAâ€PEG Micelles. <i>Macromolecular Bioscience</i> , 2021, 21, e2100123.	2.1	11
2007	Formulation of tunable size PLGA-PEG nanoparticles for drug delivery using microfluidic technology. <i>PLoS ONE</i> , 2021, 16, e0251821.	1.1	21
2008	Poly(lactic-co-glycolic acid) Nanoparticles for the Encapsulation and Gastrointestinal Release of Vitamin B9 and Vitamin B12. <i>ACS Applied Nano Materials</i> , 2021, 4, 6881-6892.	2.4	9
2009	Poly Lactic-Co-Glycolic Acid- (PLGA-) Loaded Nanoformulation of Cisplatin as a Therapeutic Approach for Breast Cancers. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-8.	1.9	6
2010	Co-delivery of norfloxacin and tenoxicam in Ag-TiO ₂ /poly(lactic acid) nanohybrid. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 771-781.	3.6	8
2011	Challenges in the production of second-generation organic acids (potential monomers for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 Td	2.9	14
2012	Bioinert, Stealth or Interactive: How Surface Chemistry of Nanocarriers Determines Their Fate In Vivo. <i>Advanced Functional Materials</i> , 2021, 31, 2103347.	7.8	41
2013	Stability and ocular biodistribution of topically administered PLGA nanoparticles. <i>Scientific Reports</i> , 2021, 11, 12270.	1.6	14
2014	Engineering Quick- and Long-acting Naloxone Delivery Systems for Treating Opioid Overdose. <i>Pharmaceutical Research</i> , 2021, 38, 1221-1234.	1.7	3
2015	Radiodynamic Therapy Using TAT Peptide-Targeted Verteporfin-Encapsulated PLGA Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6425.	1.8	14
2016	Efficacy of poly (lactic-co-glycolic acid) microparticles as a gonadotropin-releasing hormone analogue delivery system to stimulate ovulation of peled <i>Coregonus peled</i> . <i>Czech Journal of Animal Science</i> , 2021, 66, 331-338.	0.5	4
2017	Polymeric drug delivery systems by additive manufacturing. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 349-373.	6.6	86
2018	3D Printing of Micro- and Nanoscale Bone Substitutes: A Review on Technical and Translational Perspectives. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4289-4319.	3.3	44

#	ARTICLE	IF	CITATIONS
2019	Sustained In-Vivo Release of Triptorelin Acetate from a Biodegradable Silica Depot: Comparison to Pamorelin® LA. <i>Nanomaterials</i> , 2021, 11, 1578.	1.9	7
2020	Beyond Just Peptide Antigens: The Complex World of Peptide-Based Cancer Vaccines. <i>Frontiers in Immunology</i> , 2021, 12, 696791.	2.2	58
2021	Antimicrobial Polymeric Composites with Embedded Nanotextured Magnesium Oxide. <i>Polymers</i> , 2021, 13, 2183.	2.0	11
2022	Correlating Super-Resolution Microscopy and Transmission Electron Microscopy Reveals Multiparametric Heterogeneity in Nanoparticles. <i>Nano Letters</i> , 2021, 21, 5360-5368.	4.5	23
2023	Fabrication and evaluation of artemether loaded polymeric nanorods obtained by mechanical stretching of nanospheres. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120820.	2.6	8
2026	Modifications on porous absorbable Fe-based scaffolds for bone applications: A review from corrosion and biocompatibility viewpoints. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 18-44.	1.6	19
2027	Fully implantable and bioresorbable cardiac pacemakers without leads or batteries. <i>Nature Biotechnology</i> , 2021, 39, 1228-1238.	9.4	163
2028	On the importance of physical and mechanical properties of PLGA films during drug release. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102446.	1.4	15
2029	Sustained release of peptides and proteins from polymeric nanocarriers produced by inverse Flash NanoPrecipitation. <i>Journal of Controlled Release</i> , 2021, 334, 11-20.	4.8	8
2030	The in vitro and in vivo study of novel formulation of andrographolide PLGA nanoparticle embedded into gelatin-based hydrogel to prolong delivery and extend residence time in joint. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120618.	2.6	18
2031	A Recent Update on Drug Delivery Systems for Pain Management. <i>Journal of Pain and Palliative Care Pharmacotherapy</i> , 2021, 35, 175-214.	0.5	5
2032	An Overview of the Application of Poly(lactic-co-glycolic) Acid (PLGA)-Based Scaffold for Drug Delivery in Cartilage Tissue Engineering. <i>International Journal of Medical Laboratory</i> , 0, , .	0.0	0
2033	Formoterol PLGA-PEG Nanoparticles Induce Mitochondrial Biogenesis in Renal Proximal Tubules. <i>AAPS Journal</i> , 2021, 23, 88.	2.2	13
2034	Ultrasonic Atomizer-Driven Development of Biocompatible and Biodegradable Poly(<i>l</i> -lactide-co- <i>l</i> -glycolide) Nanocarrier-Encapsulated Suberoylanilide Hydroxamic Acid to Combat Brain Cancer. <i>ACS Applied Bio Materials</i> , 2021, 4, 5627-5637.	2.3	6
2035	Strategies to Use Nanoparticles to Generate CD4 and CD8 Regulatory T Cells for the Treatment of SLE and Other Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 681062.	2.2	15
2036	Local delivery systems of morphogens/biomolecules in orthopedic surgical challenges. <i>Materials Today Communications</i> , 2021, 27, 102424.	0.9	4
2037	An overview of PLGA <i>in-situ</i> forming implants based on solvent exchange technique: effect of formulation components and characterization. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 709-728.	1.1	18
2038	Characterization of Intrinsically Radiolabeled Poly(lactic-co-glycolic acid) Nanoparticles for ex Vivo Autologous Cell Labeling and in Vivo Tracking. <i>Bioconjugate Chemistry</i> , 2021, 32, 1802-1811.	1.8	7

#	ARTICLE	IF	CITATIONS
2039	Prefunctionalised PLGA microparticles with dimethylaminoethyl moieties promote surface cell adhesion at physiological condition. <i>European Polymer Journal</i> , 2021, 152, 110466.	2.6	4
2040	PLGA-Based Nanoparticles for Neuroprotective Drug Delivery in Neurodegenerative Diseases. <i>Pharmaceutics</i> , 2021, 13, 1042.	2.0	39
2041	Facile green preparation of PLGA nanoparticles using wedelolactone: Its cytotoxicity and antimicrobial activities. <i>Inorganic Chemistry Communication</i> , 2021, 129, 108583.	1.8	7
2042	Acetazolamide-eluting biodegradable tubular stent prevents pancreaticojejunal anastomotic leakage. <i>Journal of Controlled Release</i> , 2021, 335, 650-659.	4.8	2
2043	Development of Vancomycin Delivery Systems Based on Autologous 3D Platelet-Rich Fibrin Matrices for Bone Tissue Engineering. <i>Biomedicines</i> , 2021, 9, 814.	1.4	9
2044	Protective Effects of Estrogen via Nanoparticle Delivery to Attenuate Myelin Loss and Neuronal Death after Spinal Cord Injury. <i>Neurochemical Research</i> , 2021, 46, 2979-2990.	1.6	12
2045	Suppression of Intracellular Reactive Oxygen Species in Human Corneal Epithelial Cells via the Combination of Quercetin Nanoparticles and Epigallocatechin Gallate and In Situ Thermosensitive Gel Formulation for Ocular Drug Delivery. <i>Pharmaceutics</i> , 2021, 14, 679.	1.7	12
2046	Fabrication and development of controlled release PLGA microneedles for macromolecular delivery using FITC-Dextran as model molecule. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 102712.	1.4	12
2047	Investigating the Acoustic Response and Contrast Enhancement of Drug-Loadable PLGA Microparticles with Various Shapes and Morphologies. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1844-1856.	0.7	2
2048	Microfluidic formulation of nanoparticles for biomedical applications. <i>Biomaterials</i> , 2021, 274, 120826.	5.7	143
2049	Efficient in vitro and in vivo docetaxel delivery mediated by pH-sensitive LPHNPs for effective breast cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111760.	2.5	7
2050	Formation of PVA-PMMA-PAAm blend with various content of dextrin for drug delivery application. <i>Materials Today: Proceedings</i> , 2023, 80, 2474-2479.	0.9	3
2051	Effects of cell line proliferation on the aggregation and stability of a hyaluronic acid solution (HA)/PLGA microparticles dispersed in the culture system. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-9.	1.8	1
2052	Engineering Microâ€“Nanomaterials for Biomedical Translation. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2100002.	1.7	20
2053	pH-Responsive Chitosan/Alginate Polyelectrolyte Complexes on Electrospun PLGA Nanofibers for Controlled Drug Release. <i>Nanomaterials</i> , 2021, 11, 1850.	1.9	28
2054	Coupling the in vivo performance to the in vitro characterization of PLGA microparticles. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120738.	2.6	6
2055	Oral delivery of topotecan in polymeric nanoparticles: Lymphatic distribution and pharmacokinetics. <i>Journal of Controlled Release</i> , 2021, 335, 86-102.	4.8	13
2056	Electrospun PLGA/SF/artemisinin composite nanofibrous membranes for wound dressing. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 68-78.	3.6	47

#	ARTICLE	IF	CITATIONS
2057	Investigating PLGA microparticle swelling behavior reveals an interplay of expansive intermolecular forces. <i>Scientific Reports</i> , 2021, 11, 14512.	1.6	29
2058	Sulfonamide-Functionalized Polymeric Nanoparticles For Enhanced In Vivo Colorectal Cancer Therapy. <i>Current Drug Delivery</i> , 2021, 18, .	0.8	0
2059	Controllable multi-phase protein release from in-situ hydrolyzable hydrogel. <i>Journal of Controlled Release</i> , 2021, 335, 75-85.	4.8	10
2060	Enzyme hybrid virus-like hollow mesoporous CuO adhesive hydrogel spray through glucose-activated cascade reaction to efficiently promote diabetic wound healing. <i>Chemical Engineering Journal</i> , 2021, 415, 128901.	6.6	53
2062	Dopamine-loaded nanoparticle systems circumvent the blood-brain barrier restoring motor function in mouse model for Parkinson's Disease. <i>Scientific Reports</i> , 2021, 11, 15185.	1.6	43
2063	Application of Implantable Polylactic-Co-Glycolic Acid Microcapsule in Repairing Alveolar Bone Defects. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10.	0.5	0
2064	Assessment of Antimicrobial Agents, Analgesics, and Epidermal Growth Factors-Embedded Anti-Adhesive Poly(Lactic-Co-Glycolic Acid) Nanofibrous Membranes: In vitro and in vivo Studies. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4471-4480.	3.3	14
2065	A Review on Poly-Lactic-Co-Glycolic Acid as a Unique Carrier for Controlled and Targeted Delivery Drugs. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2021, 10, 2034-2041.	0.1	0
2066	Enhanced Cytotoxic Effect of TAT-PLGA-Embedded DOXO Carried by Biomimetic Magnetic Nanoparticles upon Combination with Magnetic Hyperthermia and Photothermia. <i>Pharmaceutics</i> , 2021, 13, 1168.	2.0	8
2067	PLGA-CS-PEG Microparticles for Controlled Drug Delivery in the Treatment of Triple Negative Breast Cancer Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7112.	1.3	9
2068	Recent Advances in the Excipients Used for Modified Ocular Drug Delivery. <i>Materials</i> , 2021, 14, 4290.	1.3	9
2069	Oxyresveratrol-Loaded PLGA Nanoparticles Inhibit Oxygen Free Radical Production by Human Monocytes: Role in Nanoparticle Biocompatibility. <i>Molecules</i> , 2021, 26, 4351.	1.7	8
2070	The Exploration of a Novel Biodegradable Drug-Eluting Biliary Stent: Preliminary Work. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1633-1642.	0.9	4
2071	Targeting Systems to the Brain Obtained by Merging Prodrugs, Nanoparticles, and Nasal Administration. <i>Pharmaceutics</i> , 2021, 13, 1144.	2.0	13
2072	Synthesis and characterizations of gentamicin-loaded poly-lactic-co-glycolic (PLGA) nanoparticles. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	11
2073	From COVID-19 to Cancer mRNA Vaccines: Moving From Bench to Clinic in the Vaccine Landscape. <i>Frontiers in Immunology</i> , 2021, 12, 679344.	2.2	74
2074	Controlling drug release with additive manufacturing-based solutions. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 369-386.	6.6	33
2075	Prevention of infection caused by enteropathogenic <i>E. coli</i> O157:H7 in intestinal cells using enrofloxacin entrapped in polymer based nanocarriers. <i>Journal of Hazardous Materials</i> , 2021, 414, 125454.	6.5	13

#	ARTICLE	IF	CITATIONS
2076	Rewiring the microbial metabolic network for efficient utilization of mixed carbon sources. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	1.4	5
2077	Demystifying particle-based oral vaccines. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1455-1472.	2.4	6
2078	Formulation, Characterization and Cytotoxicity Effects of Novel Thymoquinone-PLGA-PF68 Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9420.	1.8	12
2079	Immunopotentiality by Lymph-Node Targeting of a Malaria Transmission-Blocking Nanovaccine. <i>Frontiers in Immunology</i> , 2021, 12, 729086.	2.2	3
2080	PLGA-based nanomedicines manufacturing: Technologies overview and challenges in industrial scale-up. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120807.	2.6	109
2081	PLGA based film forming systems for superficial fungal infections treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105855.	1.9	8
2082	A Green Approach to Producing Polymer Microparticles for Local Sustained Release of Flavopiridol. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1116.	1.3	2
2083	Dexamethasone (DXM)-Coated Poly(lactic acid-glycolic acid) (PLGA) Microneedles as an Improved Drug Delivery System for Intracochlear Biodegradable Devices. <i>Advanced Therapeutics</i> , 2021, 4, 2100155.	1.6	6
2084	Differential effects of rat ADSCs encapsulation in fibrin matrix and combination delivery of BDNF and Gold nanoparticles on peripheral nerve regeneration. <i>BMC Neuroscience</i> , 2021, 22, 50.	0.8	11
2085	Construction of hyperbranched and pH-responsive polymeric nanocarriers by yne-phenol click-reaction for tumor synergistic chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111790.	2.5	11
2086	Design, synthesis, and antitumor activity of PLGA nanoparticles incorporating a discovered benzimidazole derivative as EZH2 inhibitor. <i>Chemico-Biological Interactions</i> , 2021, 344, 109530.	1.7	6
2087	Accelerated in vitro release testing method for a long-acting peptide-PLGA formulation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 185-192.	2.0	7
2088	Carbol fuchsin stain enhances detection of poly(<i>l</i> -lysine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td (<i>l</i> -lysine) lactide-cutaneous injection-site foreign body reaction. <i>Journal of Cutaneous Pathology</i> , 2021, 48, 1520-1522.	0.7	2
2089	Strategies for Browning Agent Delivery. <i>Pharmaceutical Research</i> , 2021, 38, 1327-1334.	1.7	8
2090	Combined Application of Prototype Ultrasound and BSA-Loaded PLGA Particles for Protein Delivery. <i>Pharmaceutical Research</i> , 2021, 38, 1455-1466.	1.7	2
2091	Drug Delivery Systems for the Treatment of Knee Osteoarthritis: A Systematic Review of In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9137.	1.8	20
2092	Formation of micro/nanoparticles and microspheres from polyesters by dispersion ring-opening polymerization. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3835-3856.	1.6	2
2093	Various theranostics and immunization strategies based on nanotechnology against Covid-19 pandemic: An interdisciplinary view. <i>Life Sciences</i> , 2021, 278, 119580.	2.0	5

#	ARTICLE	IF	CITATIONS
2094	Opportunities for Nanomedicine in Clostridioides difficile Infection. <i>Antibiotics</i> , 2021, 10, 948.	1.5	4
2095	Tuning morphology of Pickering emulsions stabilised by biodegradable PLGA nanoparticles: How PLGA characteristics influence emulsion properties. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 202-211.	5.0	20
2096	Magnetic systems for cancer immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2172-2196.	5.7	40
2097	Hydrogels Containing Budesonide-Loaded Nanoparticles to Facilitate Percutaneous Absorption for Atopic Dermatitis Treatment Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4436-4449.	2.0	9
2098	Understanding the Potential of Genome Editing in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9241.	1.8	3
2099	Targeting vascular endothelial growth factor using retinal gene therapy. <i>Annals of Translational Medicine</i> , 2021, 9, 1277-1277.	0.7	9
2100	Biodegradable Electrospun Nanofibers: A New Approach For Rhinosinusitis Treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105852.	1.9	4
2101	Nanocarriers as a Tool for the Treatment of Colorectal Cancer. <i>Pharmaceutics</i> , 2021, 13, 1321.	2.0	13
2102	Challenges and opportunities in the development of complex generic long-acting injectable drug products. <i>Journal of Controlled Release</i> , 2021, 336, 144-158.	4.8	42
2103	Nanotechnology against COVID-19: Immunization, diagnostic and therapeutic studies. <i>Journal of Controlled Release</i> , 2021, 336, 354-374.	4.8	30
2105	Surface Engineered PLGA Nanoparticle for Threshold Responsive Glucose Monitoring and Self-Programmed Insulin Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4645-4658.	2.6	3
2106	Black Phosphorus, an Emerging Versatile Nanoplatform for Cancer Immunotherapy. <i>Pharmaceutics</i> , 2021, 13, 1344.	2.0	31
2107	Evaluation of the In Vitro Cytotoxic Activity of Ursolic Acid PLGA Nanoparticles against Pancreatic Ductal Adenocarcinoma Cell Lines. <i>Materials</i> , 2021, 14, 4917.	1.3	7
2108	Supercritical CO2 technology for one-pot foaming and sterilization of polymeric scaffolds for bone regeneration. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120801.	2.6	13
2109	Engineered Sumoylation-Deficient Prdx6 Mutant Protein-Loaded Nanoparticles Provide Increased Cellular Defense and Prevent Lens Opacity. <i>Antioxidants</i> , 2021, 10, 1245.	2.2	5
2110	PLGA/PLA-Based Long-Acting Injectable Depot Microspheres in Clinical Use: Production and Characterization Overview for Protein/Peptide Delivery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8884.	1.8	72
2111	Dropless penetrating keratoplasty using a subconjunctival dexamethasone implant: safety pilot study. <i>British Journal of Ophthalmology</i> , 2023, 107, 181-186.	2.1	3
2112	A Smart Core-Crosslinked Supramolecular Drug Delivery System (SDDS) Enabled by Pendant Cyclodextrins Encapsulation of Drug Dimers via Host-Guest Interaction. <i>Biosensors</i> , 2021, 11, 306.	2.3	2

#	ARTICLE	IF	CITATIONS
2113	Critical Review of Biodegradable and Bioactive Polymer Composites for Bone Tissue Engineering and Drug Delivery Applications. <i>Polymers</i> , 2021, 13, 2623.	2.0	104
2114	Design of PLGA-Based Drug Delivery Systems Using a Physically-Based Sustained Release Model. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 345-357.	1.6	3
2115	CENTRAL COMPOSITE DESIGN FOR FORMULATION AND OPTIMIZATION OF LONG-ACTING INJECTABLE (LAI) MICROSPHERES OF PALIPERIDONE PALMITATE. <i>International Journal of Applied Pharmaceutics</i> , 0, , 87-98.	0.3	3
2116	Physicochemical and Biological Evaluation of Curdlan-Poly(Lactic-Co-Glycolic Acid) Nanoparticles as a Host-Directed Therapy Against Mycobacterium Tuberculosis. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 469-478.	1.6	11
2117	Docetaxel-loaded PLGA nanoparticles to increase pharmacological sensitivity in MDA-MB-231 and MCF-7 breast cancer cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 479-488.	0.6	5
2118	Revolutionizing polymer-based nanoparticle-linked vaccines for targeting respiratory viruses: A perspective. <i>Life Sciences</i> , 2021, 280, 119744.	2.0	11
2119	Nonwoven Releasing Propolis as a Potential New Wound Healing Methodâ€”A Review. <i>Molecules</i> , 2021, 26, 5701.	1.7	11
2120	Nanoparticle-eluting stents for coronary intervention: formulation, characterization, and in vitro evaluation. <i>Canadian Journal of Physiology and Pharmacology</i> , 2022, 100, 220-233.	0.7	4
2121	Co-Delivery of Curcumin and Bioperine via PLGA Nanoparticles to Prevent Atherosclerotic Foam Cell Formation. <i>Pharmaceutics</i> , 2021, 13, 1420.	2.0	12
2122	Efficacy of Polylactic-Co-Glycolic Acid Plate as a Graft Material in Septorhinoplasty. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2021, 64, 635-640.	0.0	1
2123	Aqueous core microcapsules as potential long-acting release systems for hydrophilic drugs. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120926.	2.6	7
2124	Antibody nanocarriers for cancer management. <i>Current Opinion in Biomedical Engineering</i> , 2021, 19, 100295.	1.8	1
2125	Quercetin against MCF7 and CAL51 breast cancer cell lines: apoptosis, gene expression and cytotoxicity of nano-quercetin. <i>Nanomedicine</i> , 2021, 16, 1937-1961.	1.7	44
2126	Polymer-based Nanotherapeutics for Burn Wounds. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 1460-1482.	0.9	4
2127	Latest Innovations and Nanotechnologies with Curcumin as a Nature-Inspired Photosensitizer Applied in the Photodynamic Therapy of Cancer. <i>Pharmaceutics</i> , 2021, 13, 1562.	2.0	27
2128	Notch Intracellular Domain Plasmid Delivery via Poly(Lactic-Co-Glycolic Acid) Nanoparticles to Upregulate Notch Pathway Molecules. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 707897.	1.1	2
2129	Microfluidic Synthesis of Indomethacin-Loaded PLGA Microparticles Optimized by Machine Learning. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 677547.	1.6	14
2130	Combining Photodynamic Therapy with Immunostimulatory Nanoparticles Elicits Effective Anti-Tumor Immune Responses in Preclinical Murine Models. <i>Pharmaceutics</i> , 2021, 13, 1470.	2.0	13

#	ARTICLE	IF	CITATIONS
2131	Exploring the systemic delivery of a poorly water-soluble model drug to the retina using PLGA nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105905.	1.9	1
2132	Novel injectable progesterone-loaded nanoparticles embedded in SAIB-PLGA in situ depot system for sustained drug release. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121021.	2.6	13
2133	Preliminary studies on drug delivery of polymeric primaquine microparticles using the liver high uptake effect based on size of particles to improve malaria treatment. <i>Materials Science and Engineering C</i> , 2021, 128, 112275.	3.8	12
2134	Formulation strategies for bacteriophages to target intracellular bacterial pathogens. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113864.	6.6	31
2135	Benefits and challenges of nanomaterials in assisted reproductive technologies. <i>Molecular Reproduction and Development</i> , 2021, 88, 707-717.	1.0	8
2136	Immediate detachment of microneedles by interfacial fracture for sustained delivery of a contraceptive hormone in the skin. <i>Journal of Controlled Release</i> , 2021, 337, 676-685.	4.8	34
2137	Experimental design, development and evaluation of extended release subcutaneous thermo-responsive <i>in situ</i> gels for small molecules in drug discovery. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 1079-1089.	1.1	2
2138	Continued sustained insulin-releasing PLGA nanoparticles modified 3D-Printed PCL composite scaffolds for osteochondral repair. <i>Chemical Engineering Journal</i> , 2021, 422, 130051.	6.6	26
2139	Biomaterials-based bioengineering strategies for bioelectronic medicine. <i>Materials Science and Engineering Reports</i> , 2021, 146, 100630.	14.8	18
2140	Asymmetric flow field-flow fractionation (AF4) with fluorescence and multi-detector analysis for direct, real-time, size-resolved measurements of drug release from polymeric nanoparticles. <i>Journal of Controlled Release</i> , 2021, 338, 410-421.	4.8	9
2141	A new engineering process of biodegradable polymeric solid implants for ultra-long-acting drug delivery. <i>International Journal of Pharmaceutics: X</i> , 2021, 3, 100068.	1.2	10
2142	N-trimethyl chitosan coated nano-complexes enhance the oral bioavailability and chemotherapeutic effects of gemcitabine. <i>Carbohydrate Polymers</i> , 2021, 273, 118592.	5.1	17
2143	Multi-layer PLGA-pullulan-PLGA electrospun nanofibers for probiotic delivery. <i>Food Hydrocolloids</i> , 2022, 123, 107112.	5.6	27
2144	Implantable and long-lasting drug delivery systems for cancer treatment. , 2022, , 129-162.		2
2145	Delivery strategies for STING agonists. , 2022, , 333-357.		0
2146	Classification, material types, and design approaches of long-acting and implantable drug delivery systems. , 2022, , 17-59.		3
2147	Self-Assembled Micro-robots: From Assembly Mechanisms to Applications. <i>ChemNanoMat</i> , 2021, 7, 238-252.	1.5	4
2148	Potential Nanospray Inhalation of Remdesivir and Hydroxychloroquine using Poly (lactic-co-glycolic) Acid as Fast Delivery for Covid-19 Treatment.. <i>Journal of Pharmacy</i> , 2021, 1, 34-44.	0.5	4

#	ARTICLE	IF	CITATIONS
2149	Peripheral Nerve Regeneration Using a Nerve Conduit with Olfactory Ensheathing Cells in a Rat Model. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 453-465.	1.6	12
2150	A bi-layered scaffold of a poly(lactic-co-glycolic acid) nanofiber mat and an alginate-gelatin hydrogel for wound healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7492-7505.	2.9	23
2151	Polymeric particles as a delivery agent for malarial vaccines. , 2021, , 47-67.		0
2152	Applications of polymer blends in drug delivery. <i>Future Journal of Pharmaceutical Sciences</i> , 2021, 7, .	1.1	28
2153	Characterizations of Hydrogels. <i>Biomaterials Science Series</i> , 2021, , 48-76.	0.1	0
2154	Repurposing biodegradable tissue engineering scaffolds for localized chemotherapeutic delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1144-1158.	2.1	8
2155	Nanomaterials for Wound Healing. <i>Pancreatic Islet Biology</i> , 2019, , 81-117.	0.1	3
2156	Application of Nanotechnology in Diagnosis and Therapeutics. <i>Green Energy and Technology</i> , 2020, , 413-440.	0.4	5
2157	Advances in Bioresorbable Electronics and Uses in Biomedical Sensing. , 2020, , 29-72.		6
2158	Three-Dimensional (3D) and Drug-Eluting Nanofiber Coating for Prosthetic Implants. , 2020, , 91-114.		3
2159	Ocular Bioadhesives and Their Applications in Ophthalmic Drug Delivery. , 2016, , 211-230.		2
2160	Aging Disorders of the Eye: Challenges and Approaches for Their Treatment. , 2016, , 277-320.		1
2161	Polymeric Nanoparticulate Systems: A Potential Approach for Ocular Drug Delivery. , 2016, , 351-387.		6
2162	Physicochemical Requirements for Polymers and Polymer-Based Nanomaterial for Ophthalmic Drug Delivery. , 2016, , 131-146.		3
2163	Nanoscale-Based Delivery of RNAi for Cancer Therapy. , 2013, , 349-372.		1
2164	Biopolymeric Scaffolds for Tissue Engineering Application. , 2019, , 249-274.		4
2166	Poly(lactic acid)/poly(lactic-co-glycolic acid)-based microparticles: an overview. , 2019, 49, 337.		1
2167	Ciprofloxacin-loaded PLGA nanoparticles against cystic fibrosis <i>P. aeruginosa</i> lung infections. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 363-371.	2.0	100

#	ARTICLE	IF	CITATIONS
2168	The effect of PLGA molecular weight differences on risperidone release from microspheres. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119339.	2.6	56
2169	Quality by design thinking in the development of long-acting injectable PLGA/PLA-based microspheres for peptide and protein drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119441.	2.6	56
2170	Reshapable polymeric hydrogel for controlled soft-tissue expansion: In vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2017, 262, 201-211.	4.8	24
2172	Sequence-Controlled Polymers Through Entropy-Driven Ring-Opening Metathesis Polymerization: Theory, Molecular Weight Control, and Monomer Design. <i>Journal of the American Chemical Society</i> , 2019, 141, 5741-5752.	6.6	75
2173	Next generation vaccines: single-dose encapsulated vaccines for improved global immunisation coverage and efficacy. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 400-408.	1.2	23
2174	Analysis of amino acids, hydroxy acids, and amines in CR chondrites. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2422-2439.	0.7	25
2175	Topical Application of Fibroblast Growth Factor 10-PLGA Microsphere Accelerates Wound Healing via Inhibition of ER Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	22
2176	Methylene blue-filled biodegradable polymer particles as a contrast agent for optical coherence tomography. <i>Biomedical Optics Express</i> , 2020, 11, 4255.	1.5	4
2177	Periadventitial Application of Rapamycin-Loaded Nanoparticles Produces Sustained Inhibition of Vascular Restenosis. <i>PLoS ONE</i> , 2014, 9, e89227.	1.1	37
2178	Externally Controlled Triggered-Release of Drug from PLGA Micro and Nanoparticles. <i>PLoS ONE</i> , 2014, 9, e114271.	1.1	47
2179	New Perspective in the Formulation and Characterization of Didodecyldimethylammonium Bromide (DMAB) Stabilized Poly(Lactic-co-Glycolic Acid) (PLGA) Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0127532.	1.1	42
2180	Enhancing Macrophage Drug Delivery Efficiency via Co-Localization of Cells and Drug-Loaded Microcarriers in 3D Resonant Ultrasound Field. <i>PLoS ONE</i> , 2015, 10, e0135321.	1.1	2
2181	Controlled delivery of tauroursodeoxycholic acid from biodegradable microspheres slows retinal degeneration and vision loss in P23H rats. <i>PLoS ONE</i> , 2017, 12, e0177998.	1.1	39
2182	Novel siRNA formulation to effectively knockdown mutant p53 in osteosarcoma. <i>PLoS ONE</i> , 2017, 12, e0179168.	1.1	9
2183	Nanofibrillar cellulose-alginate hydrogel coated surgical sutures as cell-carrier systems. <i>PLoS ONE</i> , 2017, 12, e0183487.	1.1	26
2184	Soft versus hard nanoparticles in the delivery of aromatic macrocycles for photodynamic therapy of cancer. <i>International Journal of Medicine and Biomedical Research</i> , 2012, 1, 12-23.	0.0	7
2185	Assessment of the Effect of PLGA Co-polymers and PEG on the Formation and Characteristics of PLGA-PEG-PLGA Co-block Polymer Using Statistical Approach. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 382-392.	0.6	13
2186	Microencapsulation of Fucoxanthin by Water-in-Oil-in-Water (W/O/W) Double Emulsion Solvent Evaporation Method: A Review. <i>Squalen Bulletin of Marine and Fisheries Postharvest and Biotechnology</i> , 2015, 9, 137.	0.2	5

#	ARTICLE	IF	CITATIONS
2187	Clinical Applications of Regulatory T cells in Adoptive Cell Therapies. <i>Cell & Gene Therapy Insights</i> , 2018, 4, 405-429.	0.1	14
2188	Targeted nanoparticle delivery of therapeutic antisense microRNAs presensitizes glioblastoma cells to lower effective doses of temozolomide <i>in vitro</i> and in a mouse model. <i>Oncotarget</i> , 2018, 9, 21478-21494.	0.8	56
2189	Polymeric Scaffolds for Pancreatic Tissue Engineering: A Review. <i>Review of Diabetic Studies</i> , 2017, 14, 334-353.	0.5	18
2190	Optimization of the encapsulation efficiency of a novel oral insulin delivery nanosystem. <i>Biomedical and Biopharmaceutical Research</i> , 2014, 11, 111-119.	0.0	1
2191	Targeted therapy using nanotechnology: focus on cancer. <i>International Journal of Nanomedicine</i> , 2014, 9, 467.	3.3	299
2192	Critical evaluation of biodegradable polymers used in nanodrugs. <i>International Journal of Nanomedicine</i> , 2013, 8, 3071.	3.3	127
2193	Glycan Carriers As Glycotools for Medicinal Chemistry Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 6349-6398.	1.2	5
2194	Characterization of Particulate Drug Delivery Systems for Oral Delivery of Peptide and Protein Drugs. <i>Current Pharmaceutical Design</i> , 2015, 21, 2611-2628.	0.9	21
2195	Nanoparticles for the Treatment of Wounds. <i>Current Pharmaceutical Design</i> , 2015, 21, 4329-4341.	0.9	67
2196	Advances in Nanoparticle-based Delivery of Next Generation Peptide Nucleic Acids. <i>Current Pharmaceutical Design</i> , 2019, 24, 5164-5174.	0.9	15
2197	An Updated Review of Disulfiram: Molecular Targets and Strategies for Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2019, 25, 3248-3256.	0.9	27
2198	Biocompatible Polymers and their Potential Biomedical Applications: A Review. <i>Current Pharmaceutical Design</i> , 2019, 25, 3608-3619.	0.9	65
2199	Nose-to-brain Delivery of Natural Compounds for the Treatment of Central Nervous System Disorders. <i>Current Pharmaceutical Design</i> , 2020, 26, 594-619.	0.9	17
2200	Inorganic Gold and Polymeric Poly(Lactide-co-glycolide) Nanoparticles as Novel Strategies to Ameliorate the Biological Properties of Antimicrobial Peptides. <i>Current Protein and Peptide Science</i> , 2020, 21, 429-438.	0.7	7
2201	Cyclodextrin Inclusion Complexes Loaded in Particles as Drug Carrier Systems. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 518-525.	1.0	19
2202	Smart Synthetic Polymer Nanocarriers for Controlled and Site-Specific Drug Delivery. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1424-1490.	1.0	22
2203	Translational Peptide-associated Nanosystems: Promising Role as Cancer Vaccines. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 291-313.	1.0	2
2204	Current Strategies and Approaches in Combating SARS-CoV-2 Virus that Causes COVID-19. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 672-674.	0.4	5

#	ARTICLE	IF	CITATIONS
2205	Inhalable Antibiotic Nanoformulations for the Treatment of Pseudomonas Aeruginosa Infection in Cystic Fibrosis – A Review. Drug Delivery Letters, 2014, 4, 193-207.	0.2	7
2206	Azacitidine Loaded PLGA Nanoparticles and their Dual Release Mechanism. Current Nanomedicine, 2020, 10, 280-289.	0.2	6
2207	Drug Micro-Carriers Based on Polymers and Their Sterilization. Chemistry and Chemical Technology, 2018, 12, 473-487.	0.2	20
2208	Branched PLGA derivatives with tailored drug delivery properties. Acta Pharmaceutica, 2020, 70, 63-75.	0.9	14
2209	Preliminary studies on pharmaceutical microencapsulation for synbiotic application. Journal of Applied and Natural Science, 2013, 5, 488-496.	0.2	8
2210	APPLICATION OF THE QUALITY BY DESIGN CONCEPT IN THE DEVELOPMENT OF QUERCETIN-LOADED POLYMERIC NANOPARTICLES. Farmacia, 2018, 66, 798-810.	0.1	9
2212	Treatment of Francisella infections via PLGA- and lipid-based nanoparticle delivery of antibiotics in a zebrafish model. Diseases of Aquatic Organisms, 2017, 125, 19-29.	0.5	6
2213	Multifunctional Delivery Systems for Peptide Nucleic Acids. Pharmaceuticals, 2021, 14, 14.	1.7	27
2214	Degradable Controlled Release Fertilizer Composite Prepared via Extrusion: Fabrication, Characterization, and Release Mechanisms. Polymers, 2020, 12, 301.	2.0	40
2215	Modulation of Macrophages M1/M2 Polarization Using Carbohydrate-Functionalized Polymeric Nanoparticles. Polymers, 2021, 13, 88.	2.0	25
2216	Fibrous bone tissue engineering scaffolds prepared by wet spinning of PLGA. Turkish Journal of Biology, 2019, 43, 235-245.	2.1	18
2217	Biodegradable polymers in dental tissue engineering and regeneration. AIMS Materials Science, 2018, 5, 1073-1101.	0.7	17
2218	Optimization of micropatterned poly(lactic-co-glycolic acid) films for enhancing dorsal root ganglion cell orientation and extension. Neural Regeneration Research, 2018, 13, 105.	1.6	14
2219	Controlled release of FK506 from micropatterned PLGA films: potential for application in peripheral nerve repair. Neural Regeneration Research, 2018, 13, 1247.	1.6	17
2220	Enhanced sustained release of furosemide in long circulating chitosan-conjugated PLGA nanoparticles. Research in Pharmaceutical Sciences, 2019, 14, 93.	0.6	18
2221	Development of α -tocopherol surface-modified targeted delivery of 5-fluorouracil-loaded poly-D, L-lactic-co-glycolic acid nanoparticles against oral squamous cell carcinoma. Journal of Cancer Research and Therapeutics, 2019, 15, 480-490.	0.3	11
2222	Development of docetaxel-loaded folate-modified Poly(lactic-co-glycolic acid) particles. Journal of Reports in Pharmaceutical Sciences, 2019, 8, 253.	0.5	3
2223	Stability of Nano Encapsulated Rice Bran Derived Bioactive Pentapeptide in Apple Juice. Journal of Food Processing & Technology, 2014, 05, .	0.2	9

#	ARTICLE	IF	CITATIONS
2224	Dietary Intake of (-)-Epigallocatechin-3-gallate against Aging and Cancers: Nanoencapsulation of Multi-Rings Still Requires New Rounds!. <i>Journal of Nanomaterials & Molecular Nanotechnology</i> , 2013, 02, .	0.1	3
2225	Interaction of Immune System Protein with PEGylated and Un-PEGylated Polymeric Nanoparticles. <i>Advances in Nanoparticles</i> , 2017, 06, 103-113.	0.3	5
2226	Chlorambucil Encapsulation into PLGA Nanoparticles and Cytotoxic Effects in Breast Cancer Cell. <i>Journal of Biophysical Chemistry</i> , 2015, 06, 1-13.	0.1	15
2227	One-Step Preparation of Poly-Lactic-Co-Glycolic-Acid Microparticles to Prevent the Initial Burst Release of Encapsulated Water-Soluble Proteins. <i>Pharmacology & Pharmacy</i> , 2013, 04, 578-583.	0.2	2
2228	Mucoadhesive buccal films embedded with antiviral drug loaded nanospheres. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2016, 13, 105-123.	0.6	2
2229	Poly(lactic acid-co-glycolic acid) Nanospheres Improved the Oral Delivery of Candesartan Cilexetil. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2017, 51, 571-579.	0.3	15
2230	Curcumin-loaded PLGA Nanoparticles Conjugated with Anti-P-glycoprotein Antibody to Overcome Multidrug Resistance. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 9249-9258.	0.5	28
2231	Physical and degradation properties of PLGA scaffolds fabricated by salt fusion technique. <i>Journal of Biomedical Research</i> , 2013, 27, 318.	0.7	19
2232	Bile acids induce apoptosis selectively in androgen-dependent and -independent prostate cancer cells. <i>PeerJ</i> , 2013, 1, e122.	0.9	71
2233	Implantable nerve guidance conduits: Material combinations, multi-functional strategies and advanced engineering innovations. <i>Bioactive Materials</i> , 2022, 11, 57-76.	8.6	39
2234	Review: Development of SARS-CoV-2 immuno-enhanced COVID-19 vaccines with nano-platform. <i>Nano Research</i> , 2022, 15, 2196-2225.	5.8	8
2235	Host Defense Peptides: Dual Antimicrobial and Immunomodulatory Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11172.	1.8	48
2236	Investigation of the Mechanisms and Kinetics of DBU-Catalyzed PLGA Copolymerization via a Full-Scale Population Balance Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 14685-14700.	1.8	4
2237	The challenges and prospects of Escherichia coli as an organic acid production host under acid stress. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8091-8107.	1.7	12
2238	Initial Formation of the Skin Layer of PLGA Microparticles. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101427.	3.9	3
2239	Recent advances in PLGA based nanocarriers for drug delivery system: a state of the art review. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 49-78.	1.8	22
2240	The Journey of Alternative and Sustainable Substitutes for "Single-Use" Plastics. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100085.	2.7	8
2241	Recent advances in the microbial synthesis of lactate-based copolymer. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	4

#	ARTICLE	IF	CITATIONS
2242	Potential of miRNA-Based Nanotherapeutics for Uveal Melanoma. <i>Cancers</i> , 2021, 13, 5192.	1.7	9
2243	Telmisartan Loaded Nanofibers Enhance Re-Endothelialization and Inhibit Neointimal Hyperplasia. <i>Pharmaceutics</i> , 2021, 13, 1756.	2.0	5
2244	Encapsulation of Large-Size Plasmids in PLGA Nanoparticles for Gene Editing: Comparison of Three Different Synthesis Methods. <i>Nanomaterials</i> , 2021, 11, 2723.	1.9	9
2245	Crystallization and degradation behaviour of multiblock copolyester blends in Langmuir monolayers. <i>MRS Communications</i> , 2021, 11, 850-855.	0.8	0
2246	Synthetic Material for Bone, Periodontal, and Dental Tissue Regeneration: Where Are We Now, and Where Are We Heading Next?. <i>Materials</i> , 2021, 14, 6123.	1.3	41
2247	Stimuli-Responsive Polymeric Nanosystems for Controlled Drug Delivery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9541.	1.3	5
2248	Nanomedicine for Immunotherapy Targeting Hematological Malignancies: Current Approaches and Perspective. <i>Nanomaterials</i> , 2021, 11, 2792.	1.9	8
2249	Biodegradable poly(lactide-co-glycolide) microspheres encapsulating hydrophobic contrast agents for transarterial chemoembolization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 409-425.	1.9	4
2250	PLGA – THE SMART POLYMER FOR DRUG DELIVERY. <i>Farmatsiya Farmakologiya</i> , 2021, 9, 334-345.	0.2	4
2251	Research Progress of Bioactive Glass and Its Application in Orthopedics. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100606.	1.9	5
2252	Polymeric Nanoparticles and Chitosan Gel Loading Ketorolac Tromethamine to Alleviate Pain Associated with Condyloma Acuminata during the Pre- and Post-Ablation. <i>Pharmaceutics</i> , 2021, 13, 1784.	2.0	8
2253	Reliable release testing for nanoparticles with the NanoDis System, an innovative sample and separate technique. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121215.	2.6	12
2254	Synthesis and crystallization behavior of poly (lactide-co-glycolide). <i>Polymer</i> , 2021, 235, 124302.	1.8	4
2255	Surface modification of cotton-wool-like bone void fillers consisting of biodegradable polymer-based composite fibers containing calcium-salt particles. <i>Results in Materials</i> , 2021, 12, 100236.	0.9	1
2256	Controlled Release of Drugs for Management of Pulpitis. <i>Dental Journal of Hamadan University of Medical Sciences</i> , 2014, 6, 10-16.	0.1	2
2257	Effect of Extracellular Matrix on the Growth Behavior of Corneal Endothelial Cells to Poly(lactic-co-glycolic acid) Film. <i>Porrime</i> , 2014, 38, 702-707.	0.0	0
2258	Inter-penetrating Polymer Network Hydrogel Tissue Expanders with Controlled Expansion and Anisotropic Properties. <i>Journal of Medical and Bioengineering</i> , 2015, 4, 86-92.	0.5	0
2259	Biodegradable Chitosan/PLGA/Polysorbate80 Nanofibrous Mat Fabrication and Application to Tissue-adhesion Barriers. <i>Textile Science and Engineering</i> , 2015, 52, 104-112.	0.4	1

#	ARTICLE	IF	CITATIONS
2260	Study on the degradation rate and pH change of PLGA membrane with a biodegradation. Journal of the Korea Academia-Industrial Cooperation Society, 2015, 16, 6403-6410.	0.0	1
2261	Studies on the Effect of Molecular Weight on the Degradation Rate of Biodegradable Polymer Membrane. , 2015, , .		1
2262	Microfluidic-Conceived Drug-Loaded Micro-Carriers. , 0, , 4671-4689.		0
2263	Neural Tissue Engineering: Polymers for. , 0, , 5693-5709.		0
2264	Production of Microtubes from a Chitosan Solution in Glycolic Acid. , 2016, , 1-15.		0
2265	Science and Practice of Microencapsulation Technology. Advances in Delivery Science and Technology, 2017, , 119-154.	0.4	0
2266	Nanoparticle-Based Mycosis Vaccine. Methods in Molecular Biology, 2017, 1625, 169-211.	0.4	3
2267	Nanotechnology Advances in Drug Delivery. NanoWorld Journal, 2017, 03, .	0.8	2
2268	Drug-Eluting Sinus Stent for Chronic Rhinosinusitis. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2017, 60, 203-208.	0.0	0
2269	Neural Tissue Engineering: Polymers for. , 2017, , 1255-1271.		0
2270	FORMULATION AND EVALUATION OF PEMETREXED DISODIUM LOADED PLGA MICROSPHERES. World Journal of Pharmaceutical Research, 2017, , 1150-1163.	0.0	0
2271	Bioplastics Biotechnology. , 2018, , 1-17.		0
2273	An Agricultural Waste Based Composite to Replace or Reduce the Use of Plastics. International Journal of Environmental Science and Development, 2018, 9, 167-172.	0.2	7
2274	Nanomedicine-Based Delivery to the Posterior Segment of the Eye: Brighter Tomorrow. , 2018, , 195-212.		1
2276	SYNTHESIS AND CHARACTERIZATION OF POLY(D,L-LACTIC-CO-GLYCOLIC)ACID MICROPARTICLES LOADED BY DIPHTHERIA TOXOID. Biotechnologia Acta, 2018, 11, 23-29.	0.3	0
2279	Sustained drug delivery of capecitabine using natural (bee wax) and synthetic polymer (PLGA). MOJ Drug Design Development & Therapy, 2018, 2, .	0.1	0
2280	Recycling Methods. , 0, , 79-143.		0
2281	Delivery of antituberculosis drugs to Mycobacterium tuberculosis H37Rv infected macrophages via polylactide-co-glycolide (PLGA) nanoparticles. International Journal of Molecular Biology Open Access, 2018, 3, .	0.2	0

#	ARTICLE	IF	CITATIONS
2282	Stents bronquiales bioabsorbibles y factores que afectan su velocidad de degradación. CES Medicina, 2018, 32, 250-258.	0.1	0
2283	Esophageal organoids: possibility of creating and potential implications for tissue engineering. Genes and Cells, 2018, 13, 14-22.	0.2	0
2284	Biomedical Applications of Chitosan. , 2019, , 3473-3484.		1
2285	Perspectives for the Field of Nanovaccines. , 2019, , 319-336.		2
2286	Biodegradable Composite Scaffold for Bone Tissue Regeneration. , 2019, , 657-679.		0
2287	Nanotechnology for Aquaculture. , 2019, , 479-544.		5
2288	Nanoparticles for Cornea Therapeutic Applications: Treating Herpes Simplex Viral Infections. , 2019, , 147-160.		0
2290	Rutin Loaded PLGA Nanoparticles; Synthesis by using Different Methods and Characterization. Journal of the Institute of Science and Technology, 0, , 922-932.	0.3	2
2292	ENCAPSULATION OF ANTENNAPEDIA (PENETRATIN) PEPTIDE IN A POLYMERIC PLATFORM FOR EFFECTIVE TREATMENT OF INTRACELLULAR BACTERIA. Bulletin of Pharmaceutical Sciences, 2019, 42, 63-70.	0.0	0
2293	Preparation of anti-bacterial biocomposite nanofibers fabricated by electrospinning method. Journal of the Turkish Chemical Society, Section A: Chemistry, 2020, 7, 125-142.	0.4	10
2294	Engineered polymeric nanovehicles for drug delivery. Frontiers of Nanoscience, 2020, 16, 201-232.	0.3	2
2295	Effect of the Conformation of Poly(L-lactide-co-glycolide) Molecules in Organic Solvents on Nanoparticle Size. Journal of Oleo Science, 2020, 69, 1125-1132.	0.6	2
2296	Use of Nanoparticulate Systems for Tackling Neurological Aging. Healthy Ageing and Longevity, 2020, , 187-218.	0.2	0
2297	Nonclinical Immunotoxicity Testing in the Pharmaceutical World: The Past, Present, and Future. Therapeutic Innovation and Regulatory Science, 2020, 54, 586-597.	0.8	0
2298	Intra-Organ Delivery of Nanotherapeutics for Organ Transplantation. ACS Nano, 2021, 15, 17124-17136.	7.3	12
2299	Simulate SubQ: The Methods and the Media. Journal of Pharmaceutical Sciences, 2023, 112, 1492-1508.	1.6	9
2300	Impact of formulation on the quality and stability of freeze-dried nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 169, 256-267.	2.0	30
2301	Prevention of peritendinous adhesions with electrospun poly (lactic acid-co-glycolic acid) (PLGA) bioabsorbable nanofiber: An experimental study. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112181.	2.5	9

#	ARTICLE	IF	CITATIONS
2302	Long-acting injectable donepezil microspheres: Formulation development and evaluation. <i>Journal of Controlled Release</i> , 2021, 340, 72-86.	4.8	9
2303	Development of Components of Prolonged Action Antibacterial Dosage Forms Using SCF Technologies. <i>Russian Journal of Physical Chemistry B</i> , 2020, 14, 1108-1115.	0.2	1
2304	Poly(lactic-co-glycolic Acid) Nanoparticle Encapsulated 17 β -Estradiol Improves Spatial Memory and Increases Uterine Stimulation in Middle-Aged Ovariectomized Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 597690.	1.0	6
2305	Inhibition of Lysyl Oxidase with β -aminopropionitrile Improves Venous Adaptation after Arteriovenous Fistula Creation. <i>Kidney360</i> , 2021, 2, 270-278.	0.9	10
2306	Enzyme-encapsulated nanoparticles for biodegradation of materials. , 2022, , 137-151.		0
2307	Direct photoacoustic measurement of silicon nanoparticle degradation promoted by a polymer coating. <i>Chemical Engineering Journal</i> , 2022, 430, 132860.	6.6	14
2308	Collagen-based biocomposites inspired by bone hierarchical structures for advanced bone regeneration: ongoing research and perspectives. <i>Biomaterials Science</i> , 2022, 10, 318-353.	2.6	34
2309	Increasing opportunities of drug repurposing for treating breast cancer by the integration of molecular, histological, and systemic approaches. , 2020, , 121-172.		5
2310	Local tissue effects of various barrier membranes in a rat subcutaneous model. <i>Journal of Periodontal and Implant Science</i> , 2020, 50, 327.	0.9	6
2311	Cystic Fibrosis and Chronic Rhinosinusitis: Interventions on the Horizon. , 2020, , 151-169.		0
2312	Rutin-Based Phytomedicines for Cancer Benefit. , 2020, , 71-126.		0
2313	Nanobiomaterials in Drug Delivery: Designing Strategies and Critical Concepts for Their Potential Clinical Applications. , 2020, , 253-274.		1
2314	Polymer-Based Biomaterials: An Emerging Electrochemical Sensor. , 2020, , 1-19.		1
2315	Investigation of Biological Activity of Nanoparticles Using Cell Lines. , 2020, , 117-138.		0
2316	Drug delivery nanosystems for neural regenerative medicine. , 2020, , 89-122.		1
2317	Preparation and in vitro release profiling of PLGA microspheres containing BSA as a model protein. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	0
2319	Formation of Docetaxel-related Substances in the Polymer Particles During Storage and Gamma-treatment. <i>Drug Development and Registration</i> , 2020, 9, 66-74.	0.2	0
2320	CYTOTOXICITY AND HEMOCOMPATIBILITY OF DOXORUBICIN-LOADED PLGA NANOPARTICLES. , 2020, 19, 71-80.	0.3	0

#	ARTICLE	IF	CITATIONS
2322	Effect of polymer source variation on the properties and performance of risperidone microspheres. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121265.	2.6	10
2323	Microfluidic Production of Polymeric Core-Shell Microspheres for the Delayed Pulsatile Release of Bovine Serum Albumin as a Model Antigen. <i>Pharmaceutics</i> , 2021, 13, 1854.	2.0	5
2324	Biomimetic Nanoparticles Coated with Bacterial Outer Membrane Vesicles as a New-Generation Platform for Biomedical Applications. <i>Pharmaceutics</i> , 2021, 13, 1887.	2.0	30
2325	Thiolate poly(lactic-co-glycolic acid) nanofibers loaded with dexamethasone and ropivacaine show enhanced sustained release in the treatment of neuropathic pain through a local therapy technique. <i>Chemical Engineering Journal</i> , 2022, 431, 133356.	6.6	4
2326	The pro-apoptotic and cytotoxic efficacy of polydatin encapsulated poly(lactic-co-glycolic acid) (PLGA) nanoparticles. <i>Process Biochemistry</i> , 2021, 111, 210-218.	1.8	2
2327	Clinical Evaluation of reinforced nano-hydroxyapatite bone graft and Poly-Lactide-co-Glycolide (PLG) polymer (Fisiograft) for maintaining the alveolar height post- teeth extraction. <i>Al-Azhar Journal of Dental Science</i> , 2020, 23, 271-277.	0.0	0
2328	Preparation, Physicochemical Characterization and Anti-Fungal Evaluation of Amphotericin B-Loaded PLGA-PEG-Galactosamine Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 311-317.	0.6	3
2329	N- α -acetylcysteine-PLGA nanoconjugate: effects on cellular toxicity and uptake of gadopentate dimeglumine. <i>IET Nanobiotechnology</i> , 2020, 14, 470-478.	1.9	2
2330	Nanoscale-Based Delivery of RNAi for Cancer Therapy. , 2013, , 349-372.		1
2331	2,4-Dichlorophenoxyacetic Acid Loaded Polymeric Nanoparticle Synthesis and Its Effect on Biomass in <i>Medicago sativa</i> Cell Suspension Cultures. <i>International Journal of Life Sciences and Biotechnology</i> , 2021, 4, 46-60.	0.2	1
2333	Nanotechnological applications of polymer-drug conjugate as oncological treatment. <i>Journal of Physics: Conference Series</i> , 2020, 1672, 012010.	0.3	2
2334	Biodegradable Polymeric Nanoparticles for Brain-Targeted Drug Delivery. <i>NeuroMethods</i> , 2021, , 1-27.	0.2	1
2337	The effects of technical and compositional variables on the size and release profile of bovine serum albumin from PLGA based particulate systems. <i>Research in Pharmaceutical Sciences</i> , 2014, 9, 407-20.	0.6	19
2338	Crosslinked chitosan-dextran sulfate nanoparticle for improved topical ocular drug delivery. <i>Molecular Vision</i> , 2015, 21, 1224-34.	1.1	39
2339	Non-invasive administration of biodegradable nano-carrier vaccines. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 15-35.	0.0	15
2340	Fenofibrate subcellular distribution as a rationale for the intracranial delivery through biodegradable carrier. <i>Journal of Physiology and Pharmacology</i> , 2015, 66, 233-47.	1.1	15
2341	Biomaterials to model and measure epithelial cancers. <i>Nature Reviews Materials</i> , 2018, 3, 418-430.	23.3	12
2343	Counterion-insulated near-infrared dyes in biodegradable polymer nanoparticles for <i>in vivo</i> imaging. <i>Nanoscale Advances</i> , 2021, 4, 39-48.	2.2	10

#	ARTICLE	IF	CITATIONS
2344	Long-acting microspheres of Human Chorionic Gonadotropin hormone: In-vitro and in-vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121312.	2.6	9
2345	Design principles for bacteria-responsive antimicrobial nanomaterials. <i>Materials Today Chemistry</i> , 2022, 23, 100606.	1.7	20
2346	Electrostatic flocking of salt-treated microfibers and nanofiber yarns for regenerative engineering. <i>Materials Today Bio</i> , 2021, 12, 100166.	2.6	11
2347	In-Vitro kinetic release study of illicium verum (Chakraphool) polymeric nanoparticles. <i>Materials Today: Proceedings</i> , 2022, 60, 14-20.	0.9	11
2348	Recent Advances in the Evaluation of Antimicrobial Materials for Resolution of Orthopedic Implant-Associated Infections <i>In Vivo</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 3125-3160.	1.8	11
2349	Nano Drug Delivery Platforms for Dental Application: Infection Control and TMJ Management—A Review. <i>Polymers</i> , 2021, 13, 4175.	2.0	7
2350	An overview of the production methods for core-shell microspheres for parenteral controlled drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 170, 24-42.	2.0	22
2351	Enhanced <i>In Vitro</i> Wound Healing Using PVA/B-PEI Nanofiber Mats: A Promising Wound Therapeutic Agent against ESKAPE and Opportunistic Pathogens. <i>ACS Applied Bio Materials</i> , 2021, 4, 8466-8476.	2.3	9
2352	Solutions and Condensed Phases of PEG ₂₀₀₀ from All-Atom Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12892-12901.	1.2	8
2353	Nanoengineering Palladium Plasmonic Nanosheets Inside Polymer Nanospheres for Photothermal Therapy and Targeted Drug Delivery. <i>Advanced Functional Materials</i> , 2022, 32, 2106932.	7.8	8
2354	Repurposing chlorpromazine for anti-leukaemic therapy by nanoparticle encapsulation. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121296.	2.6	7
2355	A Survey of Preclinical Studies Evaluating Nanoparticle-Based Vaccines Against Non-Viral Sexually Transmitted Infections. <i>Frontiers in Pharmacology</i> , 2021, 12, 768461.	1.6	1
2356	Intratracheally Inhalable Nifedipine-Loaded Chitosan-PLGA Nanocomposites as a Promising NanoplatforM for Lung Targeting: Snowballed Protection via Regulation of TGF- β ² -Catenin Pathway in Bleomycin-Induced Pulmonary Fibrosis. <i>Pharmaceutics</i> , 2021, 14, 1225.	1.7	9
2357	Controlled Release 7-Methoxytacrine-Polycaprolactone Nanocapsules Drug-Delivery System for Alzheimer's Disease Treatment: Synthesis and Physico-Chemical Characterization. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2280-2290.	2.4	1
2358	Three-dimensional cell-laden collagen scaffolds: From biochemistry to bone bioengineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 967-983.	1.6	6
2359	Mobilizing Endogenous Repair Through Understanding Immune Reaction With Biomaterials. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 730938.	2.0	8
2360	Preparation and Properties of Poly(D,L-lactide-co-glycolide-co- μ -caprolactone)/1,4-Butanediamine Modified Poly(lactide-co-glycolide) Blend Porous Microspheres. <i>Journal of Macromolecular Science - Physics</i> , 2022, 61, 270-280.	0.4	6
2361	Development of Triiodothyronine Polymeric Nanoparticles for Targeted Delivery in the Cardioprotection against Ischemic Insult. <i>Biomedicines</i> , 2021, 9, 1713.	1.4	3

#	ARTICLE	IF	CITATIONS
2362	Control of Drug Release from Microparticles by Tuning Their Crystalline Textures: A Structure-Activity Study. ACS Applied Polymer Materials, 2021, 3, 6548-6561.	2.0	5
2363	Immunotherapy for Triple-Negative Breast Cancer. Pharmaceutics, 2021, 13, 2003.	2.0	16
2364	Bioorthogonal Disassembly of Tetrazine Bearing Supramolecular Assemblies Inside Living Cells. Small, 2022, 18, e2104772.	5.2	3
2365	Aliphatic Polyester Nanoparticles for Drug Delivery Systems. , 0, , .		0
2366	Amniotic Epithelial Stem Cells Counteract Acidic Degradation By-Products of Electrospun PLGA Scaffold by Improving Their Immunomodulatory Profile In Vitro. Cells, 2021, 10, 3221.	1.8	4
2367	Emerging Role of miR-345 and Its Effective Delivery as a Potential Therapeutic Candidate in Pancreatic Cancer and Other Cancers. Pharmaceutics, 2021, 13, 1987.	2.0	3
2368	Piperine-Loaded PLGA Nanoparticles as Cancer Drug Carriers. ACS Applied Nano Materials, 2021, 4, 14197-14207.	2.4	14
2369	Novel strategies to oral delivery of insulin: Current progress of nanocarriers for diabetes management. Drug Development Research, 2022, 83, 301-316.	1.4	12
2370	Lentian PLGA-stabilized pickering emulsion for the enhanced vaccination. International Journal of Pharmaceutics, 2022, 611, 121348.	2.6	16
2371	Sustainable Polymer-Based Materials for Energy and Environmental Applications. Energy, Environment, and Sustainability, 2022, , 9-30.	0.6	2
2372	Combinatorial Therapeutic Approaches with Nanomaterial-Based Photodynamic Cancer Therapy. Pharmaceutics, 2022, 14, 120.	2.0	28
2373	Nanocarriers for pancreatic cancer imaging, treatments, and immunotherapies. Theranostics, 2022, 12, 1030-1060.	4.6	49
2374	Combined sterilization and fabrication of drug-loaded scaffolds using supercritical CO2 technology. International Journal of Pharmaceutics, 2022, 612, 121362.	2.6	8
2375	Virus-Mimicking Polymer Nanoparticles Targeting CD169 ⁺ Macrophages as Long-Acting Nanocarriers for Combination Antiretrovirals. ACS Applied Materials & Interfaces, 2022, 14, 2488-2500.	4.0	12
2376	Nanotechnology-Based Approaches to Promote Lymph Node Targeted Delivery of Cancer Vaccines. ACS Biomaterials Science and Engineering, 2022, 8, 406-423.	2.6	10
2377	The influence of Gd-DOTA conjugating ratios to PLGA-PEG micelles encapsulated IR-1061 on bimodal over-1000 nm near-infrared fluorescence and magnetic resonance imaging. Biomaterials Science, 2022, 10, 1217-1230.	2.6	10
2378	Curcumin encapsulation in functional PLGA nanoparticles: A promising strategy for cancer therapies. Advances in Colloid and Interface Science, 2022, 300, 102582.	7.0	40
2379	Herbal nanomedicines: Recent advancements, challenges, opportunities and regulatory overview. Phytomedicine, 2022, 96, 153890.	2.3	24

#	ARTICLE	IF	CITATIONS
2380	Development of UV Shape-Changing Polymer Ultrasound Contrast Agents for Biomedical Applications. , 2020, , .		0
2381	Development and Biocompatibility Analysis of NBD Peptide Sustained-Release Microsphere Scaffold Nanoparticle SP-Sr-CaS/NBD. <i>Current Drug Delivery</i> , 2021, 18, 433-445.	0.8	1
2382	Antibody titers of PEG-PLA block copolymer nanosphere containing chimeric recombinant protein of protective antigen and lethal factor of <i>Bacillus anthracis</i> . <i>Koomesh</i> , 2021, 23, 441-448.	0.1	0
2383	Immunomodulatory and immunoregulatory nanomedicines for autoimmunity. <i>Seminars in Immunology</i> , 2021, 56, 101535.	2.7	6
2385	Application Prospects for Synthetic Nanoparticles in Optogenetic Retinal Prosthetics. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2021, 57, 1333-1350.	0.2	1
2386	Considerations for Polymers Used in Ocular Drug Delivery. <i>Frontiers in Medicine</i> , 2021, 8, 787644.	1.2	53
2387	Nanobiomaterials for drug delivery and theranostics. , 2022, , 25-56.		0
2388	Nanoparticle-Based Tolerogenic Vaccines for the Treatment of Autoimmune Diseases: A Review. <i>ACS Applied Nano Materials</i> , 0, , .	2.4	4
2389	Effects of Process and Formulation Parameters on Submicron Polymeric Particles Produced by a Rapid Emulsion-Diffusion Method. <i>Nanomaterials</i> , 2022, 12, 229.	1.9	4
2390	Paclitaxel Delivery by Cationic Gelatin Nanoparticles. <i>ChemistrySelect</i> , 2022, 7, .	0.7	5
2391	Engineered in vitro models: mimicking in vivo physiology. , 2022, , 555-609.		0
2392	Methods of screening, monitoring and management of cardiac toxicity induced by chemotherapeutics. <i>Chinese Chemical Letters</i> , 2022, , .	4.8	3
2393	Review of Current Strategies for Delivering Alzheimer's Disease Drugs Across the Blood-Brain Barrier. <i>Focus (American Psychiatric Publishing)</i> , 2022, 20, 117-136.	0.4	1
2394	Poly(Lactic-co-glycolic) Acid and Phospholipids Hybrid Nanoparticles for Regeneration of Biological Tissue. <i>ChemEngineering</i> , 2022, 6, 10.	1.0	1
2395	Chitosan/poly(lactic-co-glycolic)acid Nanoparticle Formulations with Finely-Tuned Size Distributions for Enhanced Mucoadhesion. <i>Pharmaceutics</i> , 2022, 14, 95.	2.0	9
2396	An Overview of Nanotechnologies for Drug Delivery to the Brain. <i>Pharmaceutics</i> , 2022, 14, 224.	2.0	34
2397	Coaxial electrospray of uniform polylactide core-shell microparticles for long-acting contraceptive. <i>Journal of Controlled Release</i> , 2022, 341, 634-645.	4.8	7
2398	Recent Advances in the Surface Functionalization of PLGA-Based Nanomedicines. <i>Nanomaterials</i> , 2022, 12, 354.	1.9	35

#	ARTICLE	IF	CITATIONS
2399	Antibody Conjugated PLGA Nanocarriers and Superparamagnetic Nanoparticles for Targeted Delivery of Oxaliplatin to Cells from Colorectal Carcinoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1200.	1.8	20
2400	Enhancing the Kinetic Stability of Polymeric Nanomicelles (PLGA) Using Nano-Montmorillonite for Effective Targeting of Cancer Tumors. <i>Journal of Physical Chemistry B</i> , 2022, 126, 463-479.	1.2	3
2401	The roadmap to micro: Generation of micron-sized polymeric particles using a commercial microfluidic system. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1121-1133.	2.1	1
2402	PLGA Nanoparticles as an Efficient Platform in Protein Vaccines Against <i>Toxoplasma gondii</i> . <i>Acta Parasitologica</i> , 2022, 67, 582-591.	0.4	1
2403	Nanoarchitectonics of a Microsphere-Based Scaffold for Modeling Neurodevelopment and Neurological Disease. <i>ACS Applied Bio Materials</i> , 2022, 5, 528-544.	2.3	4
2404	Anti-PD-L1 F(ab) Conjugated PEG-PLGA Nanoparticle Enhances Immune Checkpoint Therapy. <i>Nanotheranostics</i> , 2022, 6, 243-255.	2.7	17
2405	MicroRNA-539-5p-Loaded PLGA Nanoparticles Grafted with iRGD as a Targeting Treatment for Choroidal Neovascularization. <i>Pharmaceutics</i> , 2022, 14, 243.	2.0	10
2406	Specific Silencing of Microglial Gene Expression in the Rat Brain by Nanoparticle-Based Small Interfering RNA Delivery. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5066-5079.	4.0	8
2407	Drug delivery of 6-bromoindirubin-3- TM -glycerol-oxime ether employing poly(d,l-lactide-co-glycolide)-based nanoencapsulation techniques with sustainable solvents. <i>Journal of Nanobiotechnology</i> , 2022, 20, 5.	4.2	7
2408	Journey to the Market: The Evolution of Biodegradable Drug Delivery Systems. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 935.	1.3	16
2409	Inhalation potential of N-Acetylcysteine loaded PLGA nanoparticles for the management of tuberculosis: In vitro lung deposition and efficacy studies. <i>Current Research in Pharmacology and Drug Discovery</i> , 2022, 3, 100084.	1.7	15
2410	PLGA's Plight and the Role of Stealth Surface Modification Strategies in Its Use for Intravenous Particulate Drug Delivery. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101536.	3.9	26
2411	A study of lovastatin and L-arginine co-loaded PLGA nanomedicine for enhancing nitric oxide production and eNOS expression. <i>Journal of Materials Chemistry B</i> , 2022, 10, 607-624.	2.9	9
2412	Nanoparticles for Diagnosis and Target Therapy in Pediatric Brain Cancers. <i>Diagnostics</i> , 2022, 12, 173.	1.3	16
2413	Structure-Based Varieties of Polymeric Nanocarriers and Influences of Their Physicochemical Properties on Drug Delivery Profiles. <i>Advanced Science</i> , 2022, 9, e2105373.	5.6	80
2414	Improving Antibacterial Activity of a HtrA Protease Inhibitor JO146 against <i>Helicobacter pylori</i> : A Novel Approach Using Microfluidics-Engineered PLGA Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 348.	2.0	3
2415	A programmed surface on polyetheretherketone for sequentially dictating osteoimmunomodulation and bone regeneration to achieve ameliorative osseointegration under osteoporotic conditions. <i>Bioactive Materials</i> , 2022, 14, 364-376.	8.6	39
2416	In-vitro co-delivery of decarbazine and photosensitizer using poly lactic-co-glycolic acid nanocarrier for combinational therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102737.	1.3	0

#	ARTICLE	IF	CITATIONS
2417	Polymerizations of Activated Alkynes. <i>Progress in Polymer Science</i> , 2022, 126, 101503.	11.8	25
2418	Recent progress in polymeric non-invasive insulin delivery. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 222-243.	3.6	45
2419	Biomedical applications of polysaccharide nanoparticles for chronic inflammatory disorders: Focus on rheumatoid arthritis, diabetes and organ fibrosis. <i>Carbohydrate Polymers</i> , 2022, 281, 118923.	5.1	31
2420	Challenges in delivering therapeutic peptides and proteins: A silk-based solution. <i>Journal of Controlled Release</i> , 2022, 345, 176-189.	4.8	28
2421	Monitoring the Remodeling of Biohybrid Tissue-Engineered Vascular Grafts by Multimodal Molecular Imaging. <i>Advanced Science</i> , 2022, 9, e2105783.	5.6	10
2422	Facile and tunable method for polymeric surface modification of magnetic nanoparticles via RAFT polymerization: Preparation, characterization, and drug release properties. <i>European Polymer Journal</i> , 2022, 167, 111067.	2.6	5
2423	Integrating plant molecular farming and materials research for next-generation vaccines. <i>Nature Reviews Materials</i> , 2022, 7, 372-388.	23.3	65
2424	Biomimetic Gradient Scaffolds Containing Hyaluronic Acid and Sr/Zn Folates for Osteochondral Tissue Engineering. <i>Polymers</i> , 2022, 14, 12.	2.0	13
2425	Tumor-Targeting Mal-Peg-Plga Encapsulated Auncs/Egcg for Msot-Guided Synergistic Mild Photothermal Therapy and Chemotherapy Through Triggering Necroptosis/Apoptosis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
2426	UV degradation of poly(lactic acid) materials through copolymerisation with a sugar-derived cyclic xanthate. <i>Chemical Communications</i> , 2022, 58, 5463-5466.	2.2	19
2427	Macrophage-Associated Disorders: Pathophysiology, Treatment Challenges, and Possible Solutions. , 2022, , 65-99.		2
2429	PKPD of PLGA-PEG-PLGA Copolymeric Micelles. , 2022, , 273-292.		1
2430	Syntheses of polylactides by means of tin catalysts. <i>Polymer Chemistry</i> , 2022, 13, 1618-1647.	1.9	29
2431	Ultrafast ring-opening copolymerization of lactide with glycolide toward random poly(lactic-co-glycolic acid) copolymers by an organophosphazene base and urea binary catalysts. <i>Polymer Chemistry</i> , 2022, 13, 1861-1868.	1.9	5
2433	Effects of drug concentration and PLGA addition on the properties of electrospun ampicillin trihydrate-loaded PLA nanofibers. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 245-254.	1.5	16
2434	Biocompatible Materials in Otorhinolaryngology and Their Antibacterial Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2575.	1.8	20
2435	Glass Transition Temperature of PLGA Particles and the Influence on Drug Delivery Applications. <i>Polymers</i> , 2022, 14, 993.	2.0	41
2436	Future Drug Targets in Periodontal Personalised Medicine—A Narrative Review. <i>Journal of Personalized Medicine</i> , 2022, 12, 371.	1.1	3

#	ARTICLE	IF	CITATIONS
2437	Nanotechnological approaches for pentamidine delivery. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1911-1927.	3.0	8
2438	Intra-articular injection of rapamycin microparticles prevent senescence and effectively treat osteoarthritis. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	13
2439	pH-Responsive Nanoparticles for Delivery of Paclitaxel to the Injury Site for Inhibiting Vascular Restenosis. <i>Pharmaceutics</i> , 2022, 14, 535.	2.0	6
2440	Fabrication of Ropivacaine/Dexamethasone-Eluting Poly(D, L-lactide-co-glycolide) Microparticles via Electro spraying Technique for Postoperational Pain Control. <i>Polymers</i> , 2022, 14, 702.	2.0	1
2441	3D Printed Scaffold Based on Type I Collagen/PLGA_TGF- β 1 Nanoparticles Mimicking the Growth Factor Footprint of Human Bone Tissue. <i>Polymers</i> , 2022, 14, 857.	2.0	7
2442	Novel Biodegradable 3D-Printed Analgesics-Eluting-Nanofibers Incorporated Nuss Bars for Therapy of Pectus Excavatum. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2265.	1.8	3
2443	A Complex In Vitro Degradation Study on Polydioxanone Biliary Stents during a Clinically Relevant Period with the Focus on Raman Spectroscopy Validation. <i>Polymers</i> , 2022, 14, 938.	2.0	9
2444	Pioglitazone-Loaded PLGA Nanoparticles: Towards the Most Reliable Synthesis Method. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2522.	1.8	7
2445	Sirolimus Release from Biodegradable Polymers for Coronary Stent Application: A Review. <i>Pharmaceutics</i> , 2022, 14, 492.	2.0	10
2446	Sustained Release Biodegradable Microneedles of Difluprednate for Delivery to Posterior Eye. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2022, 38, 449-458.	0.6	5
2447	In vivo Evaluation of Non-viral NICD Plasmid-Loaded PLGA Nanoparticles in Developing Zebrafish to Improve Cardiac Functions. <i>Frontiers in Physiology</i> , 2022, 13, 819767.	1.3	3
2448	PLGA-Based Composites for Various Biomedical Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2034.	1.8	99
2449	Peptide-Based Nanovaccines in the Treatment of Cervical Cancer: A Review of Recent Advances. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 869-900.	3.3	17
2450	The Biodegradability and in Vitro Cytological Study on the Composite of PLGA Combined With Magnesium Metal. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 859280.	2.0	2
2451	Nanotechnology: A Promising Targeted Drug Delivery System for Brain Tumours and Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2023, 30, 255-270.	1.2	5
2452	Recent Developments in Drug Delivery for Treatment of Tuberculosis by Targeting Macrophages. <i>Advanced Therapeutics</i> , 2022, 5, .	1.6	5
2453	Simvastatin-Loaded Nanofibrous Membrane Efficiency on the Repair of Achilles Tendons. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1171-1184.	3.3	6
2454	Simple Fabrication and Enhanced Bioactivity of Bioglass-Poly(lactic-co-glycolic acid) Composite Scaffolds with Matrix Microporosity. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	1.7	4

#	ARTICLE	IF	CITATIONS
2456	Preparation of colloidal nanoparticles PVA-PHEMA from hydrolysis of copolymers of PVAc-PHEMA as anticancer drug carriers. <i>Nanotechnology</i> , 2022, 33, 275603.	1.3	15
2457	Design, Development, Physicochemical Characterization, and In Vitro Drug Release of Formoterol PEGylated PLGA Polymeric Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 638.	2.0	6
2458	Sustained Release of a Synthetic Autoinducing Peptide Mimetic Blocks Bacterial Communication and Virulence In Vivo. <i>Angewandte Chemie</i> , 0, , .	1.6	0
2459	Enhanced Bioavailability & higher Uptake of Brain-targeted Surface Engineered Delivery System of Naringenin developed as a therapeutic for Autism Spectrum Disorder. <i>Current Drug Delivery</i> , 2022, 19, .	0.8	0
2460	A self-assembled leucine polymer sensitizes leukemic stem cells to chemotherapy by inhibiting autophagy in acute myeloid leukemia. <i>Haematologica</i> , 2022, 107, 2344-2355.	1.7	6
2461	Advances in Nanotechnology Development to Overcome Current Roadblocks in CAR-T Therapy for Solid Tumors. <i>Frontiers in Immunology</i> , 2022, 13, 849759.	2.2	4
2462	Intravenous Calcium Alginate Microspheres as Drug Delivery Vehicles in Acute Kidney Injury Treatment. <i>Micromachines</i> , 2022, 13, 538.	1.4	5
2463	Iontophoretic ocular delivery of latanoprost-loaded nanoparticles via skin-attached electrodes. <i>Acta Biomaterialia</i> , 2022, 144, 32-41.	4.1	12
2464	Intranasal delivery of inactivated PRRSV loaded cationic nanoparticles coupled with enterotoxin subunit B induces PRRSV-specific immune responses in pigs. <i>Scientific Reports</i> , 2022, 12, 3725.	1.6	4
2465	Development of Peptide-Based Vaccines for Cancer. <i>Journal of Oncology</i> , 2022, 2022, 1-17.	0.6	32
2466	Recruitment of dendritic cells using α -find-me™ signaling microparticles for personalized cancer immunotherapy. <i>Biomaterials</i> , 2022, 282, 121412.	5.7	6
2467	Comparative statistical analysis of the release kinetics models for nanoprecipitated drug delivery systems based on poly(lactic-co-glycolic acid). <i>PLoS ONE</i> , 2022, 17, e0264825.	1.1	50
2468	An Overview of siRNA Delivery Strategies for Urological Cancers. <i>Pharmaceutics</i> , 2022, 14, 718.	2.0	5
2469	Sustained Release of a Synthetic Autoinducing Peptide Mimetic Blocks Bacterial Communication and Virulence In Vivo. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
2470	Recent advancements in nanoparticle-mediated approaches for restoration of multiple sclerosis. <i>Journal of Controlled Release</i> , 2022, 343, 620-644.	4.8	9
2471	Main Fabrication Methods of Micellar Nanoparticles for Nanoscale Tumor Therapy through the Self-assembly of Amphiphilic Copolymers. <i>Current Chinese Science</i> , 2022, 2, 263-274.	0.2	0
2472	Challenges and Complications of Poly(lactic-co-glycolic acid)-Based Long-Acting Drug Product Development. <i>Pharmaceutics</i> , 2022, 14, 614.	2.0	27
2473	Drug Delivery Applications of Coaxial Electrospun Nanofibres in Cancer Therapy. <i>Molecules</i> , 2022, 27, 1803.	1.7	27

#	ARTICLE	IF	CITATIONS
2474	Glycosylated Ang-(1-7) MasR Agonist Peptide Poly Lactic-co-Glycolic Acid (PLGA) Nanoparticles and Microparticles in Cognitive Impairment: Design, Particle Preparation, Physicochemical Characterization, and In Vitro Release. <i>Pharmaceutics</i> , 2022, 14, 587.	2.0	3
2475	Novel controlled-release polylactic-co-glycolic acid (PLGA) nanoparticles for sodium thiosulphate, a hydrogen sulphide donor, retains pro-angiogenic potential of hydrogen sulphide. <i>Journal of Experimental Nanoscience</i> , 2022, 17, 197-213.	1.3	4
2476	The effect of near-infrared light-assisted photothermal therapy combined with polymer materials on promoting bone regeneration: A systematic review. <i>Materials and Design</i> , 2022, 217, 110621.	3.3	15
2477	Pharmaceutical, biomedical and ophthalmic applications of biodegradable polymers (BDPs): literature and patent review. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 341-356.	1.1	10
2479	Microfluidic Nanoparticles for Drug Delivery. <i>Small</i> , 2022, 18, e2106580.	5.2	58
2481	Alginate-assistant nanofiber integrated with polypropylene hernia mesh for efficient anti-adhesion effects and enhanced tissue compatibility. <i>Composites Part B: Engineering</i> , 2022, 235, 109761.	5.9	8
2482	Synthesis and characterization of 4-formylphenylboronic acid cross-linked chitosan hydrogel with dual action: Glucose-sensitivity and controlled insulin release. <i>Chinese Journal of Analytical Chemistry</i> , 2022, 50, 100092.	0.9	21
2483	Enhancement of blood-brain barrier penetration and the neuroprotective effect of resveratrol. <i>Journal of Controlled Release</i> , 2022, 346, 1-19.	4.8	26
2484	Intravital lipid droplet labeling and imaging reveals the phenotypes and functions of individual macrophages in vivo. <i>Journal of Lipid Research</i> , 2022, 63, 100207.	2.0	2
2485	Vaccines of the Future. , 2022, , 156-180.		0
2486	Current challenges and nanotechnology-based pharmaceutical strategies for the treatment and control of malaria. <i>Parasite Epidemiology and Control</i> , 2022, 17, e00244.	0.6	15
2487	Enzyme-triggered antigen release enhances cross-presentation by dendritic cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 42, 102545.	1.7	4
2488	Biodegradable polyester platform for extrusion-based bioprinting. <i>Bioprinting</i> , 2022, 26, e00198.	2.9	5
2489	Engineering polyphenol-based polymeric nanoparticles for drug delivery and bioimaging. <i>Chemical Engineering Journal</i> , 2022, 439, 135661.	6.6	48
2490	Stimuli-responsive Polymeric Nanosystems for Therapeutic Applications. <i>Current Pharmaceutical Design</i> , 2022, 28, 910-921.	0.9	9
2491	Applying Box-Behnken Design for Formulation and Optimization of PLGA-Coffee Nanoparticles and Detecting Enhanced Antioxidant and Anticancer Activities. <i>Polymers</i> , 2022, 14, 144.	2.0	14
2492	Hydrogel-shelled biodegradable microspheres for sustained release of encapsulants. <i>Journal of Polymer Science</i> , 2022, 60, 1700-1709.	2.0	8
2493	Redefining the importance of polylactide-co-glycolide acid (PLGA) in drug delivery. <i>Annales Pharmaceutiques Francaises</i> , 2022, 80, 603-616.	0.4	15

#	ARTICLE	IF	CITATIONS
2494	Angiopoietin-1 Mimetic Nanoparticles for Restoring the Function of Endothelial Cells as Potential Therapeutic for Glaucoma. <i>Pharmaceuticals</i> , 2022, 15, 18.	1.7	0
2495	Effect of Solution Miscibility on the Morphology of Coaxial Electrospun Cellulose Acetate Nanofibers. <i>Polymers</i> , 2021, 13, 4419.	2.0	6
2496	Multifunctional Polymeric Nanoparticles for Chemo/Phototheranostics of Retinoblastoma. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 151-160.	2.6	23
2497	Polymeric Nanocarriers for Effective Synergistic Action of Sorafenib Tosylate and Gold-sensitized Gamma Radiation Against HepG2 Cells. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8309-8321.	3.3	4
2498	Evaluation of the Biocompatibility and Endothelial Differentiation Capacity of Mesenchymal Stem Cells by Polyethylene Glycol Nanogold Composites. <i>Polymers</i> , 2021, 13, 4265.	2.0	4
2500	Development and Validation of Reversed-Phase HPLC Method for the Determination of Epirubicin and Its Application to the Pharmacokinetic Study of Epirubicin Loaded Polymeric Nanoparticle Formulations in Rats. <i>Journal of Chromatographic Science</i> , 2021, , .	0.7	1
2501	Development of Sustained Release Baricitinib Loaded Lipid-Polymer Hybrid Nanoparticles with Improved Oral Bioavailability. <i>Molecules</i> , 2022, 27, 168.	1.7	21
2502	Release Mechanisms and Practical Percolation Threshold for Long-acting Biodegradable Implants: An Image to Simulation Study. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1896-1910.	1.6	6
2504	Stem Cell Mimicking Nanoencapsulation for Targeting Arthritis. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8485-8507.	3.3	18
2505	PLGA-based drug delivery system for combined therapy of cancer: research progress. <i>Materials Research Express</i> , 2021, 8, 122002.	0.8	18
2506	Signaling Pathway Inhibitors, miRNA, and Nanocarrier-Based Pharmacotherapeutics for the Treatment of Lung Cancer: A Review. <i>Pharmaceutics</i> , 2021, 13, 2120.	2.0	4
2507	Bacteriostatic and Cytotoxic Properties of Composite Material Based on ZnO Nanoparticles in PLGA Obtained by Low Temperature Method. <i>Polymers</i> , 2022, 14, 49.	2.0	15
2508	Putting the Squeeze on Phase Separation. <i>Jacs Au</i> , 2022, 2, 66-73.	3.6	31
2509	Sustained Release of Risedronate from PLGA Microparticles Embedded in Alginate Hydrogel for Treatment of Bony Lesions. <i>Iranian Biomedical Journal</i> , 2022, 26, 124-31.	0.4	5
2513	Intravenous Administration of Scutellarin Nanoparticles Augments the Protective Effect against Cerebral Ischemiaâ€“Reperfusion Injury in Rats. <i>Molecular Pharmaceutics</i> , 2022, 19, 1410-1421.	2.3	10
2514	Effect of the Emulsion Solvent Evaporation Technique Cosolvent Choice on the Loading Efficiency and Release Profile of Anti-CD47 from PLGA Nanospheres. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2525-2530.	1.6	3
2515	A review of techniques for the application of bioactive coatings on metal-based implants to achieve controlled release of active ingredients. <i>Materials and Design</i> , 2022, 217, 110653.	3.3	54
2516	Transdermal Delivery of Metformin Using Dissolving Microneedles and Iontophoresis Patches for Browning Subcutaneous Adipose Tissue. <i>Pharmaceutics</i> , 2022, 14, 879.	2.0	7

#	ARTICLE	IF	CITATIONS
2517	Trehalose-Based Nucleolipids as Nanocarriers for Autophagy Modulation: An In Vitro Study. <i>Pharmaceutics</i> , 2022, 14, 857.	2.0	8
2518	Batch Fabrication and Characterization of ZnO/PLGA/PCL Nanofiber Membranes for Antibacterial Materials. <i>Fibers and Polymers</i> , 2022, 23, 1225-1234.	1.1	8
2519	Recent advances in organic and polymeric carriers for local tumor chemo-immunotherapy. <i>Science China Technological Sciences</i> , 2022, 65, 1011-1028.	2.0	7
2520	Light triggered nanoscale biolistics for efficient intracellular delivery of functional macromolecules in mammalian cells. <i>Nature Communications</i> , 2022, 13, 1996.	5.8	10
2521	Drug delivery across the blood-brain barrier for the treatment of pediatric brain tumors – An update. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114303.	6.6	21
2522	Cinacalcet HCl Loaded PLGA Nanoparticles Using the Porous Carrier. <i>Current Nanomaterials</i> , 2022, 07, .	0.2	0
2523	Effect of Solvents, Stabilizers and the Concentration of Stabilizers on the Physical Properties of Poly(D,L-lactide-co-glycolide) Nanoparticles: Encapsulation, In Vitro Release of Indomethacin and Cytotoxicity against HepG2-Cell. <i>Pharmaceutics</i> , 2022, 14, 870.	2.0	13
2538	Unveiling the Bio-corona Fingerprinting of Potential Anticancer Carbon Nanotubes Coupled with d-Amino Acid Oxidase. <i>Molecular Biotechnology</i> , 2022, 64, 1164-1176.	1.3	2
2539	Amorphous silica fiber matrix biomaterials: An analysis of material synthesis and characterization for tissue engineering. <i>Bioactive Materials</i> , 2023, 19, 155-166.	8.6	8
2540	Design of therapeutic biomaterials to control inflammation. <i>Nature Reviews Materials</i> , 2022, 7, 557-574.	23.3	187
2541	Tumor acidity-responsive polymeric nanoparticles to promote intracellular delivery of zoledronic acid by PEG detachment and positive charge exposure for enhanced antitumor potency. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4363-4374.	2.9	8
2542	Development of medical polymers for applications in neurological disorders. , 2022, , 369-402.		0
2543	Role of nanocarriers for the effective delivery of anti-HIV drugs. , 2022, , 291-310.		0
2544	Biomaterials based growth factor delivery for brain regeneration after injury. <i>Smart Materials in Medicine</i> , 2022, 3, 352-360.	3.7	3
2545	Pulmonary Targeting of Levofloxacin Using Microsphere-Based Dry Powder Inhalation. <i>Pharmaceutics</i> , 2022, 15, 560.	1.7	3
2546	Nano-encapsulation strategies to circumvent drug-induced kidney injury and targeted nanomedicines to treat kidney diseases. <i>Current Opinion in Toxicology</i> , 2022, 31, 100346.	2.6	3
2547	Use of Polyesters in Fused Deposition Modeling for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2022, 22, e2200039.	2.1	12
2548	Implantable Biomaterials for Peripheral Nerve Regeneration – Technology Trends and Translational Tribulations. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 863969.	2.0	10

#	ARTICLE	IF	CITATIONS
2549	Binary polymer systems for biomedical applications. <i>International Materials Reviews</i> , 2023, 68, 184-224.	9.4	7
2550	Targeted Strategy in Lipid-Lowering Therapy. <i>Biomedicines</i> , 2022, 10, 1090.	1.4	19
2551	In vivo fate and intracellular trafficking of vaccine delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2022, 186, 114325.	6.6	26
2552	Comprehensive Review on the Degradation Chemistry and Toxicity Studies of Functional Materials. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2161-2195.	2.6	19
2553	Evaluation Of Drug Release Kinetics Of Temozolomide Loaded PLGA Nanoparticles In Pluronic® F-127 Hydrogel. <i>BezmiÅlem Science</i> , 2022, .	0.1	0
2554	Targeting Enhancer of Zeste Homolog 2 for the Treatment of Hematological Malignancies and Solid Tumors: Candidate Structureâ€™Activity Relationships Insights and Evolution Prospects. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7016-7043.	2.9	10
2555	Synthetic Fibroblasts: Terra Incognita in Cardiac Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 1235-1241.	2.5	1
2556	Preparation and properties of oriented microcellular Poly(l-lactic acid) foaming material. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 460-469.	3.6	3
2557	Poly(lactic acid-co-glycolic acid) as sustained drug delivery vehicle for melanoma therapy. <i>Materials Today Communications</i> , 2022, 31, 103661.	0.9	1
2558	Interaction of surfactant coated PLGA nanoparticles with in vitro human brain-like endothelial cells. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121780.	2.6	6
2559	Peptide loaded polymeric nanoparticles by non-aqueous nanoprecipitation. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 904-913.	5.0	10
2560	A glimpse of biomedical application potential of biodegradable polymers for anticancer drug delivery. , 2022, , 211-234.		1
2561	Design and fabrication of biodegradable electrospun nanofibers loaded with biocidal agents. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 433-459.	1.8	13
2562	Potential soluble substrates for transient electronics applications: A review. <i>AIP Advances</i> , 2022, 12, .	0.6	9
2563	Design and Development of a New Type of Hybrid PLGA/Lipid Nanoparticle as an Ursolic Acid Delivery System against Pancreatic Ductal Adenocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5536.	1.8	3
2564	Fisetin: An Integrated Approach to Identify a Strategy Promoting Osteogenesis. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	3
2565	Core-shell microneedle patch for six-month controlled-release contraceptive delivery. <i>Journal of Controlled Release</i> , 2022, 347, 489-499.	4.8	27
2566	Progress in the drug encapsulation of poly(lactic-co-glycolic acid) and folate-decorated poly(ethylene glycol)-poly(lactic-co-glycolic acid) conjugates for selective cancer treatment. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4127-4141.	2.9	16

#	ARTICLE	IF	CITATIONS
2567	A roundabout strategy for the high-purity glycolic acid biopreparation via a resting cell bio-oxidation catalysis of ethylene glycol. <i>Green Chemistry</i> , 0, , .	4.6	4
2568	Electrospun, Resorbable, Drug-Eluting, Nanofibrous Membranes Promote Healing of Allograft Tendons. <i>Membranes</i> , 2022, 12, 529.	1.4	4
2569	Rifampicin-loaded PLGA nanoparticles for local treatment of musculoskeletal infections: Formulation and characterization. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103435.	1.4	12
2570	Study in the stabilization of proteins encapsulated in PLGA delivery system: Effects of additives on protein encapsulation, release, and stability. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103436.	1.4	2
2571	Liver organ-on-chip models for toxicity studies and risk assessment. <i>Lab on A Chip</i> , 2022, 22, 2423-2450.	3.1	33
2572	A Biodegradable Magnetic Microrobot Based on Gelatin Methacrylate for Precise Delivery of Stem Cells with Mass Production Capability. <i>Small</i> , 2022, 18, .	5.2	29
2573	Osteoblastic differentiation and bactericidal activity are enhanced by erythromycin released from PCL/PLGA-PVA coaxial nanofibers. <i>Journal of Biomaterials Applications</i> , 0, , 088532822211056.	1.2	4
2574	Effect of Antibacterial Drugs on Hydrolytic Degradation of Aliphatic Polyesters. <i>Inorganic Materials: Applied Research</i> , 2022, 13, 854-860.	0.1	0
2575	Effectiveness of biomaterial-based combination strategies for spinal cord repair “ a systematic review and meta-analysis of preclinical literature. <i>Spinal Cord</i> , 2022, 60, 1041-1049.	0.9	2
2576	Micro- and Nano-Systems Developed for Tolcapone in Parkinson’s Disease. <i>Pharmaceutics</i> , 2022, 14, 1080.	2.0	3
2577	Paclitaxel and Lapatinib dual loaded chitosan-coated PLGA nanoparticles enhance cytotoxicity by circumventing MDR1-mediated trastuzumab resistance in HER2 positive breast cancers: In-vitro and in-vivo studies. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103445.	1.4	7
2578	INVESTIGATION OF BIODEGRADATION AND PROPERTIES OF POLYURETHANE FOAM COMPOSITE MATERIALS WITH LYSOZYME IN VITRO. <i>Polymer Journal</i> , 2022, 44, 41-52.	0.3	0
2580	Enhancing the function of PLGA-collagen scaffold by incorporating TGF- β 1-loaded PLGA-PEG-PLGA nanoparticles for cartilage tissue engineering using human dental pulp stem cells. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2960-2978.	3.0	10
2581	Brain drug delivery and neurodegenerative diseases: Polymeric PLGA-based nanoparticles as a forefront platform. <i>Ageing Research Reviews</i> , 2022, 79, 101658.	5.0	22
2585	Multifunctional polymeric nanocarriers for targeting brain tumors. , 2022, , 431-450.		0
2586	Influência do colágeno tipo I na propriedade física-química, morfológica e biológica de blendas poliméricas de PLGA para aplicação oftálmica. <i>Revista Materia</i> , 2022, 27, .	0.1	0
2587	A review on biopolymer-derived electrospun nanofibers for biomedical and antiviral applications. <i>Biomaterials Science</i> , 2022, 10, 4424-4442.	2.6	11
2588	Biomimetic Nanosponges Enable the Detoxification of <i>Vibrio vulnificus</i> Hemolysin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6821.	1.8	2

#	ARTICLE	IF	CITATIONS
2589	Phlorotannin-coated poly (ϵ -caprolactone) film as a potential material for postsurgical adhesion prevention. <i>Journal of Applied Polymer Science</i> , 0, , .	1.3	2
2590	PLGA Carriers for Controlled Release of Levofloxacin in Anti-Tuberculosis Therapy. <i>Pharmaceutics</i> , 2022, 14, 1275.	2.0	7
2591	An Oral 3D Printed PLGA-Tocopherol PEG Succinate Nanocomposite Hydrogel for High-Dose Methotrexate Delivery in Maintenance Chemotherapy. <i>Biomedicines</i> , 2022, 10, 1470.	1.4	7
2592	Microfluidic Systems For Manufacturing of Microparticle-Based Drug-Delivery Systems: Design, Construction, and Operation. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2864-2877.	2.6	11
2593	The efficacy and neuroprotective effects of edaravone-loaded mPEG-b-PLGA polymeric nanoparticles on human neuroblastoma SH-SY5Y cell line as in vitro model of ischemia. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103378.	1.4	4
2594	Targeting spinal microglia with fexofenadine-loaded nanoparticles prolongs pain relief in a rat model of neuropathic pain. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 44, 102576.	1.7	3
2595	Towards innervation of bioengineered muscle constructs: Development of a sustained neurotrophic factor delivery and release system. <i>Bioprinting</i> , 2022, 27, e00220.	2.9	4
2596	Application advance of electrosprayed micro/nanoparticles based on natural or synthetic polymers for drug delivery system. <i>Materials and Design</i> , 2022, 220, 110850.	3.3	26
2597	Langmuir-Blodgett based ordered deposition of functionalized iron oxide nanoparticles for ultrasensitive detection of Escherichia coli O157: H7. <i>Microchemical Journal</i> , 2022, 181, 107708.	2.3	5
2598	Regulation of mesenchymal stem cell osteogenic potential via microfluidic manipulation of microcarrier surface curvature. <i>Chemical Engineering Journal</i> , 2022, 448, 137739.	6.6	10
2599	Polymer-based bionanomaterials for biomedical applications. , 2022, , 187-225.		1
2600	Evaluation of PLGA nanoparticles containing outer membrane proteins of Acinetobacter baumannii bacterium in stimulating the immune system in mice. <i>Research in Pharmaceutical Sciences</i> , 2022, 17, 360.	0.6	2
2601	Nano-targeted drug delivery approaches for biofilm-associated infections. , 2022, , 97-138.		0
2602	Bone Tumor-Homing Nanotherapeutics for Prolonged Retention in Tumor Microenvironment and Facilitated Apoptotic Process Via Mevalonate Pathway Inhibition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2603	A Low-Intensity Repetitive Transcranial Magnetic Stimulation Coupled to Magnetic Nanoparticles Loaded with Scutellarin Enhances Brain Protection Against Cerebral Ischemia Reperfusion Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2604	Improved survival rate and minimal side effects of doxorubicin for lung metastasis using engineered discoidal polymeric particles. <i>Biomaterials Science</i> , 0, , .	2.6	0
2605	Polymer-based drug delivery systems for anticancer drugs: A systematic review. <i>Cancer Treatment and Research Communications</i> , 2022, 32, 100605.	0.7	17
2606	Emerging Developments in Polyurethane Technology. , 2022, , 209-245.		0

#	ARTICLE	IF	CITATIONS
2607	Cerium Compound-Loaded Poly(lactic co glycolic acid) Nanospheres in Improving Diabetic Retinopathy. <i>Science of Advanced Materials</i> , 2022, 14, 423-429.	0.1	0
2608	Gene-Specific Drug Delivery System: An Art of War. <i>Biosciences, Biotechnology Research Asia</i> , 2022, 19, 459-471.	0.2	1
2609	Nanomedicine as an Emerging Technology to Foster Application of Essential Oils to Fight Cancer. <i>Pharmaceuticals</i> , 2022, 15, 793.	1.7	14
2610	Intra-articular injection of flavopiridol-loaded microparticles for treatment of post-traumatic osteoarthritis. <i>Acta Biomaterialia</i> , 2022, 149, 347-358.	4.1	10
2611	An appraisal of polymers of DES technology and their impact on drug release kinetics. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 1253-1271.	1.8	1
2612	Polymer Texture Influences Cell Responses in Osteogenic Microparticles. <i>Cellular and Molecular Bioengineering</i> , 0, , .	1.0	0
2613	The ChorioAnchor: Design and Testing of a Novel Chorioamniotic Anchoring Device to Enable Percutaneous Fetoscopic Surgery. <i>Fetal Diagnosis and Therapy</i> , 2022, 49, 347-360.	0.6	1
2614	Development and Optimization of Ciprofloxacin HCl-Loaded Chitosan Nanoparticles Using Boxâ€ Behnken Experimental Design. <i>Molecules</i> , 2022, 27, 4468.	1.7	9
2615	MSOT-Guided Nanotheranostics for Synergistic Mild Photothermal Therapy and Chemotherapy to Boost Necroptosis/Apoptosis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33712-33725.	4.0	11
2616	Recent advancements in single dose slowâ€ release devices for prophylactic vaccines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 0, , .	3.3	0
2617	A hybrid coating of polydopamine and nano-hydroxyapatite enhances surface properties of 3D printed poly(lactic-co-glycolic acid) scaffolds. <i>Journal of Materials Science</i> , 2022, 57, 13011-13026.	1.7	4
2618	Monodispersed Sirolimus-Loaded PLGA Microspheres with a Controlled Degree of Drugâ€ Polymer Phase Separation for Drug-Coated Implantable Medical Devices and Subcutaneous Injection. <i>ACS Applied Bio Materials</i> , 2022, 5, 3766-3777.	2.3	6
2619	Implantable Electronic Medicine Enabled by Bioresorbable Microneedles for Wireless Electrotherapy and Drug Delivery. <i>Nano Letters</i> , 2022, 22, 5944-5953.	4.5	36
2620	Glutathione-depleted and cancer-targeted nanocapsules encapsulating bimetallic oxide nanoparticles for enhanced chemo-sonodynamic therapy. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, , .	2.9	1
2621	Alpha Tocopherol Loaded Polymeric Nanoparticles: Preparation, Characterizations, and In Vitro Assessments Against Oxidative Stress in Spinal Cord Injury Treatment. <i>AAPS PharmSciTech</i> , 2022, 23, .	1.5	2
2622	Reactive Oxygen Species-Responsive Polymer Nanoparticles to Improve the Treatment of Inflammatory Skin Diseases. <i>ACS Omega</i> , 2022, 7, 25055-25065.	1.6	5
2623	Nanoparticles for the treatment of glaucoma-associated neuroinflammation. <i>Eye and Vision (London,)</i> Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	3
2624	A low-intensity repetitive transcranial magnetic stimulation coupled to magnetic nanoparticles loaded with scutellarin enhances brain protection against cerebral ischemia reperfusion injury. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103606.	1.4	1

#	ARTICLE	IF	CITATIONS
2625	PLGA-modified Syloid [®] -based microparticles for the ocular delivery of terconazole: in-vitro and in-vivo investigations. <i>Drug Delivery</i> , 2022, 29, 2117-2129.	2.5	6
2626	Locally Applied Repositioned Hormones for Oral Bone and Periodontal Tissue Engineering: A Narrative Review. <i>Polymers</i> , 2022, 14, 2964.	2.0	3
2627	Polymer source affects in vitro-in vivo correlation of leuprolide acetate PLGA microspheres. <i>International Journal of Pharmaceutics</i> , 2022, 625, 122032.	2.6	2
2628	Thermosensitive PLGA-PEG-PLGA Hydrogel as Depot Matrix for Allergen-Specific Immunotherapy. <i>Pharmaceutics</i> , 2022, 14, 1527.	2.0	4
2629	Development and characterization of polymeric nanoparticles containing ondansetron hydrochloride as a hydrophilic drug. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103599.	1.4	0
2630	Polymeric Nanoparticles in Brain Cancer Therapy: A Review of Current Approaches. <i>Polymers</i> , 2022, 14, 2963.	2.0	30
2631	Nanofabrication of PLGA-PEG-chitosan-folic acid systems for delivery of colchicine to HT-29 cancer cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2023, 34, 1-17.	1.9	5
2632	Cell membrane-camouflaged PLGA biomimetic system for diverse biomedical application. <i>Drug Delivery</i> , 2022, 29, 2296-2319.	2.5	6
2633	Surface properties of plasma electrolytic oxidation coating modified by polymeric materials: A review. <i>Progress in Organic Coatings</i> , 2022, 171, 107053.	1.9	21
2634	Recent progress in multifunctional conjugated polymer nanomaterial-based synergistic combination phototherapy for microbial infection theranostics. <i>Coordination Chemistry Reviews</i> , 2022, 470, 214701.	9.5	21
2635	Targeting Fibronectin to Overcome Remyelination Failure in Multiple Sclerosis: The Need for Brain- and Lesion-Targeted Drug Delivery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8418.	1.8	8
2636	Microencapsulation of celecoxib using various methods and polymers. <i>International Journal of Health Sciences</i> , 0, , 6647-6662.	0.0	0
2637	Advances in encapsulating gonadotropin-releasing hormone agonists for controlled release: a review. <i>Journal of Microencapsulation</i> , 0, , 1-15.	1.2	1
2638	Localized Controlled Release of Kynurenic Acid Encapsulated in Synthetic Polymer Reduces Implant-Induced Dermal Fibrosis. <i>Pharmaceutics</i> , 2022, 14, 1546.	2.0	4
2639	Characterization of a cotton-wool like composite bone graft material. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, .	1.7	1
2640	Research Progress of Conjugated Nanomedicine for Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 1522.	2.0	11
2641	Enhancing cellular uptake and membrane permeability of gallic acid for breast cancer therapy via folate-tagged PEGylated iron oxide nanoparticles has theronastic agent. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	2
2642	Development of intranasal implantable devices for schizophrenia treatment. <i>International Journal of Pharmaceutics</i> , 2022, 624, 122061.	2.6	22

#	ARTICLE	IF	CITATIONS
2643	Functionalized poly(oligo(lactic acid) methacrylate)-block-poly(oligo(ethylene glycol) methacrylate) block copolymers: A synthetically tunable analogue to PLA-PEG for fabricating drug-loaded nanoparticles. <i>European Polymer Journal</i> , 2022, 177, 111443.	2.6	6
2644	Flavonoid-based polymeric nanoparticles: A promising approach for cancer and diabetes treatment. <i>European Polymer Journal</i> , 2022, 177, 111455.	2.6	9
2645	Regulatory Aspects, Types and Bioapplications of Metallic Nanoparticles: A Review. <i>Current Drug Delivery</i> , 2023, 20, 857-883.	0.8	4
2646	Immunostimulatory Polymers as Adjuvants, Immunotherapies, and Delivery Systems. <i>Macromolecules</i> , 2022, 55, 6913-6937.	2.2	20
2647	Additive Manufacturing of Biomaterials—Design Principles and Their Implementation. <i>Materials</i> , 2022, 15, 5457.	1.3	31
2648	Pioglitazone-incorporated microspheres targeting macrophage polarization alleviates cardiac dysfunction after myocardial infarction. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	3
2649	Nanoparticle-Based Inhalation Therapy for Pulmonary Diseases. <i>Current Drug Metabolism</i> , 2022, 23, 882-896.	0.7	1
2650	miRacle of microRNA-Driven Cancer Nanotherapeutics. <i>Cancers</i> , 2022, 14, 3818.	1.7	17
2651	Synthesis and characterization of poly(glycolic acid) (PGA) and its graphene oxide hybrids (PGA-GO). <i>Polymer Bulletin</i> , 0, , .	1.7	1
2652	Preparation of size-tunable sub-200 nm PLGA-based nanoparticles with a wide size range using a microfluidic platform. <i>PLoS ONE</i> , 2022, 17, e0271050.	1.1	5
2653	MicroRNAs and Long Non-coding RNAs as Novel Targets in Anti-cancer Drug Development. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 913-925.	0.9	5
2654	In Vivo Degradation Studies of PGA-PLA Block Copolymer and Their Histochemical Analysis for Spinal-Fixing Application. <i>Polymers</i> , 2022, 14, 3322.	2.0	8
2655	Use of acidic nanoparticles to rescue macrophage lysosomal dysfunction in atherosclerosis. <i>Autophagy</i> , 2023, 19, 886-903.	4.3	11
2656	Stochastic and Deterministic Analysis of Reactivity Ratios in the Partially Reversible Copolymerization of Lactide and Glycolide. <i>Macromolecules</i> , 2022, 55, 7171-7180.	2.2	3
2657	Three multi-enzyme cascade pathways for conversion of C1 to C2/C4 compounds. <i>Chem Catalysis</i> , 2022, 2, 2675-2690.	2.9	8
2658	Bevacizumab encapsulation into PLGA nanoparticles functionalized with immunouteroglobin-1 as an innovative delivery system for atherosclerosis. <i>International Journal of Biological Macromolecules</i> , 2022, 221, 1618-1630.	3.6	8
2659	Antibiotic resistance in aquaculture and aquatic organisms: a review of current nanotechnology applications for sustainable management. <i>Environmental Science and Pollution Research</i> , 2022, 29, 69241-69274.	2.7	47
2660	Nanoparticles Loaded with Essential Oil from <i>Zanthoxylum riedelianum</i> Engl. Leaves: Characterization and Effects on <i>Bemisia tabaci</i> Middle-East Asia Minor 1. <i>Neotropical Entomology</i> , 0, , .	0.5	1

#	ARTICLE	IF	CITATIONS
2661	Biopolymer Nanoparticles for Nose-to-Brain Drug Delivery: A New Promising Approach for the Treatment of Neurological Diseases. <i>Journal of Functional Biomaterials</i> , 2022, 13, 125.	1.8	17
2662	Dual-jet electrospun PDLGA/PCU nonwovens as promising mesh implant materials with controlled release of sirolimus and diclofenac. <i>International Journal of Pharmaceutics</i> , 2022, 625, 122113.	2.6	1
2663	New use for old drug: Local delivery of puerarin facilitates critical-size defect repair in rats by promoting angiogenesis and osteogenesis. <i>Journal of Orthopaedic Translation</i> , 2022, 36, 52-63.	1.9	6
2664	Nimbolide loaded sustained release microparticles as single-dose formulations for effective management of arthritis. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 75, 103638.	1.4	3
2665	Nanogel development and its importance in ophthalmic drug delivery system. <i>Current Nanomedicine</i> , 2022, 12, .	0.2	1
2666	Recent Trends in the Development of Polyphosphazenes for Bio-applications. <i>Regenerative Engineering and Translational Medicine</i> , 2023, 9, 202-223.	1.6	3
2667	Nanoscale Delivery Systems of Lutein: An Updated Review from a Pharmaceutical Perspective. <i>Pharmaceutics</i> , 2022, 14, 1852.	2.0	15
2668	Co-delivery of curcumin and Bcl-2 siRNA to enhance therapeutic effect against breast cancer cells using PEI-functionalized PLGA nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 785-793.	1.1	9
2669	Wettability of soft PLGA surfaces predicted by experimentally augmented atomistic models. <i>MRS Bulletin</i> , 0, , .	1.7	3
2670	A biodegradable nanocapsule for through-skull NIR-II fluorescence imaging/magnetic resonance imaging and selectively enhanced radio-chemotherapy for orthotopic glioma. <i>Nano Today</i> , 2022, 46, 101619.	6.2	13
2671	Performance comparison of PLA- and PLGA-coated porous bioceramic scaffolds: Mechanical, biodegradability, bioactivity, delivery and biocompatibility assessments. <i>Journal of Controlled Release</i> , 2022, 351, 1-7.	4.8	26
2672	Carboxymethylated polysaccharides in drug delivery. , 2023, , 63-81.		1
2673	Application of Kojic transport model (KTM) to convective-diffusive transport and electrophysiology in tissue and capillaries. , 2023, , 145-220.		0
2674	Curcumin-PLGA based nanocapsule for the fluorescence spectroscopic detection of dopamine. <i>RSC Advances</i> , 2022, 12, 28245-28253.	1.7	9
2675	Polymer-Based Nanocomposites for the Removal of Personal Care Products. , 2022, , 1-22.		0
2676	Nanotechnology Advances in the Detection and Treatment of Cancer: An Overview. <i>Nanotheranostics</i> , 2022, 6, 400-423.	2.7	43
2677	Pulmonary Delivery of Messenger RNA (mRNA) Therapeutics for Respiratory Diseases. <i>RNA Technologies</i> , 2022, , 139-156.	0.2	1
2678	Tissue Engineering Strategies in Cleft Palate. , 2022, , 429-438.		1

#	ARTICLE	IF	CITATIONS
2679	Covalent core-radiolabeling of polymeric micelles with ¹²⁵ I/ ²¹¹ At for theranostic radiotherapy. <i>Nanotheranostics</i> , 2022, 6, 388-399.	2.7	4
2680	Smart biomaterials and their potential applications in tissue engineering. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6859-6895.	2.9	15
2681	Future questions and approaches in plant nanotechnology. <i>Nanotechnology</i> , 2022, 33, 239-251.		0
2682	Advancements in antimicrobial nanoscale materials and self-assembling systems. <i>Chemical Society Reviews</i> , 2022, 51, 8696-8755.	18.7	23
2683	Electrically Conducting Smart Biodegradable Polymers and Their Applications. <i>Polymers</i> , 2022, 13, 1-24.		1
2684	INVESTIGATION OF THE ABILITY TO BIODEGRADABILITY OF POLYURETHANE FOAM COMPOSITE MATERIALS WITH ALBUCID AND THE DYNAMICS OF ALBUCID RELEASE IN VITRO. <i>Polymer Journal</i> , 2022, 44, 145-154.	0.3	0
2685	Capping Agents for Selenium Nanoparticles in Biomedical Applications. <i>Journal of Cluster Science</i> , 2023, 34, 1669-1690.	1.7	9
2686	Nanotechnology and COVID-19 Convergence: Toward New Planetary Health Interventions Against the Pandemic. <i>OMICS A Journal of Integrative Biology</i> , 2022, 26, 473-488.	1.0	14
2687	Membrane-Wrapped Nanoparticles for Enhanced Chemotherapy of Acute Myeloid Leukemia. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4439-4448.	2.6	7
2688	Synthesis of pH-responsive dimethylglycine surface-modified branched lipids for targeted delivery of antibiotics. <i>Chemistry and Physics of Lipids</i> , 2022, 249, 105241.	1.5	1
2689	Progress and Challenges of Anti-VEGF Agents and Their Sustained-Release Strategies for Retinal Angiogenesis. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 3241-3262.	2.0	17
2690	Polymeric Systems for the Delivery of Herbicides to Improve Weed Control Efficiency. <i>Polymers</i> , 2022, 13, 1-12.		1
2691	Biodegradable active packaging: Components, preparation, and applications in the preservation of postharvest perishable fruits and vegetables. <i>Critical Reviews in Food Science and Nutrition</i> , 2024, 64, 2304-2339.	5.4	10
2693	Stable Recombinant Invasion Plasmid Antigen C (IpaC)-Based Single Dose Nanovaccine for Shigellosis. <i>Molecular Pharmaceutics</i> , 0, , .	2.3	4
2694	Ocular Drug Delivery: Advancements and Innovations. <i>Pharmaceutics</i> , 2022, 14, 1931.	2.0	15
2695	Glycolytic Inhibitors Potentiated the Activity of Paclitaxel and Their Nanoencapsulation Increased Their Delivery in a Lung Cancer Model. <i>Pharmaceutics</i> , 2022, 14, 2021.	2.0	5
2696	Iron Oxide Nanoparticles (IONPs): Synthesis, Surface Functionalization, and Targeting Drug Delivery Strategies: Mini-Review. <i>Nano</i> , 2022, 17, .	0.5	7
2697	The Mucoadhesive Nanoparticle-Based Delivery System in the Development of Mucosal Vaccines. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 4579-4598.	3.3	9

#	ARTICLE	IF	CITATIONS
2699	Effect of different molecular weight and terminal group PLGA on docetaxel nanoparticles: characterization and cytotoxic activity of castration-resistant prostate cancer cells. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 794-804.	1.1	1
2700	Interaction of Curcumin with Poly Lactic-Co-Glycolic Acid and Poly Diallyldimethylammonium Chloride By Fluorescence Spectroscopy. <i>Journal of Fluorescence</i> , 2022, 32, 2287-2295.	1.3	1
2701	Advances in Biomaterials for Promoting Vascularization. <i>Current Stem Cell Reports</i> , 2022, 8, 184-196.	0.7	3
2702	Assessment of Efficacy and Safety Using PPAR- β Agonist-Loaded Nanocarriers for Inflammatory Eye Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11184.	1.8	1
2703	Intraperitoneal administration of PLGA nanoparticles could deliver the cargo to tumor-associated macrophages with less spreading peritoneal macrophages in the treatment of peritoneal carcinomatosis. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 77, 103829.	1.4	0
2704	Titanium membrane layered between fluvastatin-loaded poly (lactic-co-glycolic) acid for guided bone regeneration. <i>International Journal of Energy Production and Management</i> , 0, , .	1.9	1
2705	Design and Investigation of an Eco-Friendly Wound Dressing Composed of Green Bioresources-Soy Protein, Tapioca Starch, and Gellan Gum. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	1
2706	Wound Healing: An Overview of Wound Dressings on Health Care. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 1079-1093.	0.9	9
2707	Sustained Drug Release from Smart Nanoparticles in Cancer Therapy: A Comprehensive Review. <i>Micromachines</i> , 2022, 13, 1623.	1.4	23
2708	Optimization and Appraisal of Chitosan-Grafted PLGA Nanoparticles for Boosting Pharmacokinetic and Pharmacodynamic Effect of Duloxetine HCl Using Box-Benken Design. <i>Journal of Pharmaceutical Sciences</i> , 2023, 112, 544-561.	1.6	2
2709	An in vitro assessment of the thermoreversible PLGA-PEG-PLGA copolymer: Implications for Descemet's membrane endothelial keratoplasty. <i>Clinical and Experimental Ophthalmology</i> , 0, , .	1.3	3
2710	Synthetic biodegradable polyesters for implantable controlled-release devices. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 1351-1364.	2.4	6
2711	Design, fabrication, optimization and characterization of memantine-loaded biodegradable PLGA nanoscaffolds for treatment of Alzheimer's disease. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 065024.	1.7	1
2712	Prolongation of graft survival via layer-by-layer assembly of collagen and immunosuppressive particles on pancreatic islets. <i>Biomaterials</i> , 2022, 290, 121804.	5.7	3
2713	Engineering hybrid nanosystems for efficient and targeted delivery against bacterial infections. <i>Journal of Controlled Release</i> , 2022, 351, 598-622.	4.8	17
2714	Poly(acrylic acid)-grafted metal-organic framework carrying Mg ions for bone repair. <i>Materials Chemistry and Physics</i> , 2022, 292, 126840.	2.0	6
2715	Commercial pure titanium – A potential candidate for cardiovascular stent. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2022, 53, 1518-1543.	0.5	5
2716	Nanobody-Based Delivery Systems for Diagnosis and Therapeutic Applications. <i>Nanotechnology in the Life Sciences</i> , 2022, , 227-254.	0.4	1

#	ARTICLE	IF	CITATIONS
2717	Nanotechnology strategies for hepatocellular carcinoma diagnosis and treatment. RSC Advances, 2022, 12, 31068-31082.	1.7	8
2718	Therapeutic Uses of TheraCourâ„¢, Polymeric Nanomicelles Against Cancer, Infectious Diseases, and More. , 2022, , 473-506.		0
2719	Advances of Hydrogel Therapy in Periodontal Regenerationâ€™ A Materials Perspective Review. Gels, 2022, 8, 624.	2.1	6
2720	Synthesis and appraisal of dalbergin-loaded PLGA nanoparticles modified with galactose against hepatocellular carcinoma: In-vitro, pharmacokinetic, and in-silico studies. Frontiers in Pharmacology, 0, 13, .	1.6	3
2721	Implantable drug delivery systems for the treatment of osteomyelitis. Drug Development and Industrial Pharmacy, 2022, 48, 511-527.	0.9	3
2722	In Vitro and In Vivo Cell-Interactions with Electrospun Poly (Lactic-Co-Glycolic Acid) (PLGA): Morphological and Immune Response Analysis. Polymers, 2022, 14, 4460.	2.0	5
2723	Polymeric Nanoparticles for Inhaled Vaccines. Polymers, 2022, 14, 4450.	2.0	7
2724	Hot-Melt extrusion coupled with pressurized carbon dioxide for enhanced processability of pharmaceutical polymers and drug delivery applications â€™ An integrated review. International Journal of Pharmaceutics, 2022, 629, 122291.	2.6	9
2725	Oligonucleotide separation techniques for purification and analysis: What can we learn for today's tasks?. Electrophoresis, 2022, 43, 2402-2427.	1.3	4
2726	Tissue Engineering in Gynecology. International Journal of Molecular Sciences, 2022, 23, 12319.	1.8	2
2727	Long-term release of bioactive interferon-alpha from PLGA-chitosan microparticles: in vitro and in vivo studies. , 2022, 143, 213167.		4
2728	Potential Application of Small Interfering RNA in Gastro-Intestinal Tumors. Pharmaceutics, 2022, 15, 1295.	1.7	2
2729	Anti-EGFR Targeted Multifunctional I-131 Radio-Nanotherapeutic for Treating Osteosarcoma: In Vitro 3D Tumor Spheroid Model. Nanomaterials, 2022, 12, 3517.	1.9	6
2730	Preparation and Characterization of PLG Microparticles by the Multiple Emulsion Method for the Sustained Release of Proteins. Micromachines, 2022, 13, 1761.	1.4	0
2732	Advances in Biodegradable Soft Robots. Polymers, 2022, 14, 4574.	2.0	8
2733	Co-delivery of saxagliptin and dapagliflozin by electrosprayed trilayer poly (D, -lactide-co-glycolide) nanoparticles for controlled drug delivery. International Journal of Pharmaceutics, 2022, 628, 122279.	2.6	3
2734	3D bioprinted microparticles: Optimizing loading efficiency using advanced DoE technique and machine learning modeling. International Journal of Pharmaceutics, 2022, 628, 122302.	2.6	12
2735	Micro-/Nano-Structured Biodegradable Pressure Sensors for Biomedical Applications. Biosensors, 2022, 12, 952.	2.3	8

#	ARTICLE	IF	CITATIONS
2736	Biomimetic cell membrane-coated poly(lactic-co-glycolic acid) nanoparticles for biomedical applications. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	25
2737	Synthesis and characterization of a calcium phosphate bone cement with quercetin-containing PEEK/PLGA microparticles. <i>Biomedical Materials (Bristol)</i> , 0, , .	1.7	0
2738	Cerebrolysin Alleviating Effect on Glutamate-Mediated Neuroinflammation Via Glutamate Transporters and Oxidative Stress. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 2292-2302.	1.1	6
2739	The presence of two fragments of Ozurdex implants in the vitreous body. <i>Aspirantskiy Vestnik Povolzhya</i> , 2022, 22, 22-25.	0.0	0
2740	Chitosan on the surface of nanoparticles for enhanced drug delivery: A comprehensive review. <i>Journal of Controlled Release</i> , 2022, 351, 923-940.	4.8	32
2741	A predictive mechanistic model of drug release from surface eroding polymeric nanoparticles. <i>Journal of Controlled Release</i> , 2022, 351, 883-895.	4.8	13
2742	Electrospun nanofiber nerve guidance conduits for peripheral nerve regeneration: A review. <i>European Polymer Journal</i> , 2022, 181, 111663.	2.6	9
2743	Recent advances in improving intranasal allergen-specific immunotherapy; focus on delivery systems and adjuvants. <i>International Immunopharmacology</i> , 2022, 113, 109327.	1.7	3
2744	Current perspectives and trend of nanomedicine in cancer: A review and bibliometric analysis. <i>Journal of Controlled Release</i> , 2022, 352, 211-241.	4.8	40
2745	pH-Sensitive Polymeric Nanoparticles for Cancer Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2022, , 401-425.	0.3	2
2746	Polymeric Nanoparticles to Entrap Natural Drugs for Cancer Therapy. <i>Environmental Chemistry for A Sustainable World</i> , 2022, , 167-211.	0.3	1
2747	Cell-scaffold interactions in tissue engineering for oral and craniofacial reconstruction. <i>Bioactive Materials</i> , 2023, 23, 16-44.	8.6	17
2748	Acellular Tissue-Engineered Vascular Grafts from Polymers: Methods, Achievements, Characterization, and Challenges. <i>Polymers</i> , 2022, 14, 4825.	2.0	16
2749	LogP of N-acyl-gemcitabine and lectin-corona emerge as key parameters in nanoparticulate intravesical cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2023, 180, 106330.	1.9	3
2750	Critical review on the developments in polymer composite materials for biomedical implants. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2023, 34, 893-917.	1.9	4
2751	Herbal Fennel Essential Oil Nanogel: Formulation, Characterization and Antibacterial Activity against <i>Staphylococcus aureus</i> . <i>Gels</i> , 2022, 8, 736.	2.1	7
2752	The crosstalk between intestinal bacterial microbiota and immune cells in colorectal cancer progression. <i>Clinical and Translational Oncology</i> , 0, , .	1.2	1
2753	In Vitro and In Vivo Effect of pH-Sensitive PLGA-TPGS-Based Hybrid Nanoparticles Loaded with Doxorubicin for Breast Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 2394.	2.0	7

#	ARTICLE	IF	CITATIONS
2754	Simvastatin Embedded into Poly(Lactic-Co-Glycolic Acid)-Based Scaffolds in Promoting Preclinical Bone Regeneration: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 11623.	1.3	2
2755	Periadventitial biomaterials to improve arteriovenous fistula and graft outcomes. <i>Journal of Vascular Access</i> , 0, , 112972982211356.	0.5	2
2756	Intra-articular injection PLGA blends sustained-release microspheres loaded with meloxicam: preparation, optimization, evaluation <i>in vitro</i> and <i>in vivo</i> . <i>Drug Delivery</i> , 2022, 29, 3317-3327.	2.5	1
2757	Advances in mRNA nanomedicines for malignant brain tumor therapy. <i>Smart Materials in Medicine</i> , 2022, , .	3.7	3
2758	Polyetheretherketone surface engineered with a degradable hybrid coating for accelerating osteogenesis. <i>Materials Letters</i> , 2023, 331, 133515.	1.3	5
2759	Nanofibrous Vildagliptin/PLGA Membranes Accelerate Diabetic Wound Healing by Angiogenesis. <i>Pharmaceuticals</i> , 2022, 15, 1358.	1.7	6
2760	Applications and prospects of intra-articular drug delivery system in arthritis therapeutics. <i>Journal of Controlled Release</i> , 2022, 352, 946-960.	4.8	10
2761	Multifunctional hybrid nanoparticles in diagnosis and therapy of breast cancer. <i>Journal of Controlled Release</i> , 2022, 352, 1024-1047.	4.8	22
2762	Development and optimization of microfluidic assisted manufacturing process to produce PLGA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2022, 629, 122368.	2.6	3
2764	Hydrogels and biohydrogels: investigation of origin of production, production methods, and application. <i>Polymer Bulletin</i> , 2023, 80, 10593-10632.	1.7	4
2765	Synergistic effects of arginineâ€“glycineâ€“aspartic acid and phosphatidylserine on the surface immunomodulation and osseointegration of titanium implants. <i>Biomaterials Science</i> , 2023, 11, 1358-1372.	2.6	1
2766	The recent advancement in the PLGA-based thermo-sensitive hydrogel for smart drug delivery. <i>International Journal of Pharmaceutics</i> , 2023, 631, 122484.	2.6	14
2767	Atorvastatin-loaded spray-dried PLGA microparticles for local prevention of intimal hyperplasia: Drug release rate optimization and activity on synthetic vascular smooth muscle cells. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 79, 104076.	1.4	0
2768	Advanced theragnostics for the central nervous system (CNS) and neurological disorders using functional inorganic nanomaterials. <i>Advanced Drug Delivery Reviews</i> , 2023, 192, 114636.	6.6	7
2769	Inhibition of proliferative vitreoretinopathy by a newly developed methotrexate loaded drug carrier <i>in vitro</i> . <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114088.	2.5	4
2770	Safety Issues, Environmental Impacts, and Health Effects of Biopolymers. , 2022, , 1-27.		0
2771	Development and optimization by factorial design of polymeric nanoparticles for simvastatin delivery. <i>Polimeros</i> , 2022, 32, .	0.2	1
2772	Modeling electrospun PLGA nanofibersâ€™ diameter using response surface methodology and artificial neural networks. <i>Journal of Industrial Textiles</i> , 2022, 52, 152808372211426.	1.1	5

#	ARTICLE	IF	CITATIONS
2773	Silk Fibroin as an Efficient Biomaterial for Drug Delivery, Gene Therapy, and Wound Healing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14421.	1.8	16
2774	Cefazolin encapsulated UIO-66-NH ₂ nanoparticles enhance the antibacterial activity and biofilm inhibition against drug-resistant <i>S. aureus</i> : In vitro and in vivo studies. <i>Chemical Engineering Journal</i> , 2023, 455, 140544.	6.6	24
2775	Nanovaccines against Viral Infectious Diseases. <i>Pharmaceutics</i> , 2022, 14, 2554.	2.0	6
2776	Polymer-Coated Polymeric (PCP) Microneedles for Controlled Dermal Delivery of 5-Fluorouracil. <i>AAPS PharmSciTech</i> , 2023, 24, .	1.5	6
2777	RBC membrane-coated nanoparticles: a comprehensive review on the preparation methods, characterisations and applications. <i>Current Drug Therapy</i> , 2022, 18, .	0.2	0
2778	Role of Polymers in Microfluidic Devices. <i>Polymers</i> , 2022, 14, 5132.	2.0	7
2779	Enhancing the Effect of Nucleic Acid Vaccines in the Treatment of HPV-Related Cancers: An Overview of Delivery Systems. <i>Pathogens</i> , 2022, 11, 1444.	1.2	10
2780	Multi-Layered PLGA-PEI Nanoparticles Functionalized with TKD Peptide for Targeted Delivery of Pep5 to Breast Tumor Cells and Spheroids. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 5581-5600.	3.3	1
2781	Biodegradable Materials for Transient Organic Transistors. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	16
2782	PLGA-Based Nanomedicine: History of Advancement and Development in Clinical Applications of Multiple Diseases. <i>Pharmaceutics</i> , 2022, 14, 2728.	2.0	37
2783	Clinical Trials Involving Chemotherapy-Based Nanocarriers in Cancer Therapy: State of the Art and Future Directions. , 2023, , 325-383.		2
2784	Topical Sustained Delivery of Miltefosine Via Drug-Eluting Contact Lenses to Treat <i>Acanthamoeba Keratitis</i> . <i>Pharmaceutics</i> , 2022, 14, 2750.	2.0	2
2785	Embedding Biomimetic Magnetic Nanoparticles Coupled with Peptide AS-48 into PLGA to Treat Intracellular Pathogens. <i>Pharmaceutics</i> , 2022, 14, 2744.	2.0	5
2786	Antibiotic delivery based on poly(lactic-co-glycolic) acid and natural polymers: a biocomposite strategy. <i>Iranian Polymer Journal (English Edition)</i> , 2023, 32, 299-312.	1.3	3
2787	Preliminary Assessment of Intramuscular Depot of Lipid-Based Decoquinatate Formulation for Long-Term Chemoprophylaxis of Malaria. <i>Pharmaceutics</i> , 2022, 14, 2813.	2.0	1
2788	In vitro Investigation of Rutin-Loaded PLGA Nanoparticles on <i>Leishmania infantum</i> Promastigotes. <i>Journal of Natural and Applied Sciences</i> , 2022, 26, 427-434.	0.1	1
2789	Modulating the tumor immune microenvironment with nanoparticles: A sword for improving the efficiency of ovarian cancer immunotherapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2790	Tunable Surface Charge Enables the Electrostatic Adsorption-Controlled Release of Neuroprotective Peptides from a Hydrogelâ€™ Nanoparticle Drug Delivery System. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 91-105.	4.0	7

#	ARTICLE	IF	CITATIONS
2791	Poly lactide Nanoparticles as a Biodegradable Vaccine Adjuvant: A Study on Safety, Protective Immunity and Efficacy against Human Leishmaniasis Caused by Leishmania Major. <i>Molecules</i> , 2022, 27, 8677.	1.7	3
2792	Nanovaccines for cancer immunotherapy: Current knowledge and future perspectives. <i>Chinese Chemical Letters</i> , 2023, 34, 108098.	4.8	6
2793	Fundamental in Polymer-/Nanohybrid-Based Nanorobotics for Theranostics. , 2023, , 79-108.		0
2794	Nanoparticle accumulation in liver may induce resistance to immune checkpoint blockade therapy. <i>Nano Research</i> , 2023, 16, 5237-5246.	5.8	2
2795	Electrospun hybrid nanofibers: Fabrication, characterization, and biomedical applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	22
2796	Extremophile-based biohybrid micromotors for biomedical operations in harsh acidic environments. <i>Science Advances</i> , 2022, 8, .	4.7	14
2797	Pluronic® based Penta block copolymer micelles as a precursor of smart aggregates for various applications: A review. <i>Journal of Molecular Liquids</i> , 2023, 372, 121140.	2.3	1
2798	Polymer-based drug delivery systems under investigation for enzyme replacement and other therapies of lysosomal storage disorders. <i>Advanced Drug Delivery Reviews</i> , 2023, 197, 114683.	6.6	8
2799	Lithium anthraquinoids as catalysts in the ROP of lactide and caprolactone into cyclic polymers. <i>Polymer Chemistry</i> , 0, , .	1.9	1
2800	Enhanced degradability of novel PBATCL copolyester: Study on the performance in different environment and exploration of mechanism. <i>European Polymer Journal</i> , 2023, 186, 111834.	2.6	3
2801	Ocular Delivery of Therapeutic Proteins: A Review. <i>Pharmaceutics</i> , 2023, 15, 205.	2.0	12
2802	The Application of Biomaterials in Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 816.	1.8	9
2803	Optimization of an Injectable, Resorbable, Bioactive Cement Able to Release the Anti-Osteoclastogenic Biomolecule ICOS-Fc for the Treatment of Osteoporotic Vertebral Compression Fractures. <i>Biomolecules</i> , 2023, 13, 94.	1.8	6
2804	Neuro-nanotechnology: diagnostic and therapeutic nano-based strategies in applied neuroscience. <i>BioMedical Engineering OnLine</i> , 2023, 22, .	1.3	10
2805	The novel treatments based on tissue engineering, cell therapy and nanotechnology for cutaneous leishmaniasis. <i>International Journal of Pharmaceutics</i> , 2023, 633, 122615.	2.6	7
2806	Biodegradable synthetic polymer in orthopaedic application: A review. <i>Materials Today: Proceedings</i> , 2023, 74, 540-546.	0.9	11
2807	Management of Brain Cancer and Neurodegenerative Disorders with Polymer-Based Nanoparticles as a Biocompatible Platform. <i>Molecules</i> , 2023, 28, 841.	1.7	7
2808	Development and Evaluation of Sodium Alginate/Carbopol 934P-Co-Poly (Methacrylate) Hydrogels for Localized Drug Delivery. <i>Polymers</i> , 2023, 15, 311.	2.0	6

#	ARTICLE	IF	CITATIONS
2809	Degradable Biocompatible Porous Microtube Scaffold for Extended Donor Cell Survival and Activity. ACS Biomaterials Science and Engineering, 2023, 9, 719-731.	2.6	1
2810	Evaluation of the effect of guanabenz-loaded nanoparticles on chronic toxoplasmosis in mice. Experimental Parasitology, 2023, 246, 108460.	0.5	1
2811	Augmented efficacy of nano-formulated docetaxel plus curcumin in orthotopic models of neuroblastoma. Pharmacological Research, 2023, 188, 106639.	3.1	5
2812	Surface functionalization of PLGA nanoparticles for potential oral vaccine delivery targeting intestinal immune cells. Colloids and Surfaces B: Biointerfaces, 2023, 222, 113121.	2.5	9
2813	Effects of PLGA coating on biological and mechanical behaviors of tissue engineering scaffolds. Progress in Organic Coatings, 2023, 176, 107406.	1.9	3
2814	Chondroitin sulfate anchored biodegradable nanoparticles: Design, synthesis, and In-vitro anti-tubercular efficacy. Materials Today Communications, 2023, 34, 105364.	0.9	1
2815	Highly entangled hydrogels with degradable crosslinks. Extreme Mechanics Letters, 2023, 59, 101953.	2.0	7
2816	Poly-Lactide-Co-Glycolide-Polyethylene Glycol-Ginsenoside Rg3-Ag Exerts a Radio-Sensitization Effect in Non-Small Cell Lung Cancer. Journal of Biomedical Nanotechnology, 2022, 18, 2001-2009.	0.5	2
2817	Nitric Oxide-Releasing Bioinspired Scaffold for Exquisite Regeneration of Osteoporotic Bone via Regulation of Homeostasis. Advanced Science, 2023, 10, .	5.6	11
2818	Fabrication, Optimization, and Evaluation of Paclitaxel and Curcumin Coloaded PLGA Nanoparticles for Improved Antitumor Activity. ACS Omega, 2023, 8, 976-986.	1.6	9
2819	In Vivo Safety and Efficacy of Chalcone-Loaded Microparticles with Modified Polymeric Matrix against Cutaneous Leishmaniasis. Pharmaceutics, 2023, 15, 51.	2.0	3
2820	Hybrid Silica-Coated PLGA Nanoparticles for Enhanced Enzyme-Based Therapeutics. Pharmaceutics, 2023, 15, 143.	2.0	0
2821	Smart biomaterials for skin tissue engineering and health monitoring. , 2023, , 211-258.		0
2822	Porous Polymer Particles with Tunable Surface Roughness by Combining Phase Separation and Interfacial Instability. ACS Applied Polymer Materials, 2023, 5, 1103-1108.	2.0	1
2823	Glucose-Responsive Silk Fibroin Microneedles for Transdermal Delivery of Insulin. Biomimetics, 2023, 8, 50.	1.5	5
2824	Polymer nanocomposites for drug delivery applications. , 2023, , 461-472.		0
2825	Facile synthesis of multi-faceted, biomimetic and cross-protective nanoparticle-based vaccines for drug-resistant Shigella: a flexible platform technology. Journal of Nanobiotechnology, 2023, 21, .	4.2	1
2826	Core-Shell Type Lipidic and Polymeric Nanocapsules: the Transformative Multifaceted Delivery Systems. AAPS PharmSciTech, 2023, 24, .	1.5	7

#	ARTICLE	IF	CITATIONS
2827	Effectiveness in vivo and in vitro of Polymeric Nanoparticles as a Drug Release System in the Treatment of Leishmaniasis. <i>Current Medicinal Chemistry</i> , 2023, 30, .	1.2	0
2828	Introduction to polymeric nanomaterials. , 2023, , 3-25.		5
2829	Introduction to drug-delivery techniques based on nanotechnological approaches. , 2023, , 3-28.		0
2830	Polymeric nanoparticles as tumor-targeting theranostic platform. , 2023, , 217-259.		1
2831	Tribology of biodegradable polymeric systems. , 2023, , 235-263.		2
2832	Thermosensitive Biodegradable Hydrogels for Local and Controlled Cerebral Delivery of Proteins: MRI-Based Monitoring of <i>In Vitro</i> and <i>In Vivo</i> Protein Release. <i>ACS Biomaterials Science and Engineering</i> , 0, , .	2.6	1
2833	Chitosan/Hydroxyapatite Scaffolds with P28 as a Promising Osteoinductive Scaffold for Bone Healing Applications. <i>Micro</i> , 2023, 3, 118-142.	0.9	2
2834	Microspheres as a Carrier System for Therapeutic Embolization Procedures: Achievements and Advances. <i>Journal of Clinical Medicine</i> , 2023, 12, 918.	1.0	2
2835	The Use of Lactide Polymers in Bone Tissue Regeneration in Dentistry—A Systematic Review. <i>Journal of Functional Biomaterials</i> , 2023, 14, 83.	1.8	3
2836	Reverse engineering the Ozurdex dexamethasone intravitreal implant. <i>International Journal of Pharmaceutics</i> , 2023, 634, 122625.	2.6	10
2837	Recent development in multizonal scaffolds for osteochondral regeneration. <i>Bioactive Materials</i> , 2023, 25, 122-159.	8.6	7
2838	A built-up composite film with synergistic functionalities on Mg ²⁺ Zn ²⁺ Mn bioresorbable stents improves corrosion control effects and biocompatibility. <i>Bioactive Materials</i> , 2023, 25, 223-238.	8.6	2
2839	Antimicrobial peptides, nanocarrier systems, and databases: Therapeutic platform against leishmaniasis. , 2023, , 125-169.		0
2840	Preparation and characterization of PLGA nanoparticles. , 2023, , 27-54.		0
2841	Hydrolytic stability of unsaturated polyesters. , 2023, , 91-103.		1
2842	Hybrid PLGA nanoparticles as advanced drug delivery and theranostic applications. , 2023, , 417-431.		1
2843	Macromolecular chemistry: An introduction. , 2023, , 71-128.		1
2844	Introductory Chapter: Advanced Drug Delivery Systems. , 0, , .		1

#	ARTICLE	IF	CITATIONS
2845	A comprehensive review: Different approaches for encountering of bacterial infection of dental implants and improving their properties. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 84, 104401.	1.4	3
2846	Controlling Molecular Dye Encapsulation in the Hydrophobic Core of Core-Shell Nanoparticles for In Vivo Imaging. , 2023, 1, 605-617.		1
2847	Pickering emulsions stabilized with biodegradable nanoparticles for the co-encapsulation of two active pharmaceutical ingredients. <i>International Journal of Pharmaceutics</i> , 2023, 637, 122870.	2.6	1
2848	Floating poly(lactic-co-glycolic acid)-based controlled-release drug delivery system for intravesical instillation. <i>Journal of International Medical Research</i> , 2023, 51, 030006052311620.	0.4	0
2849	Model-based optimization of drug release rate from a size distributed population of biodegradable polymer carriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2023, 186, 112-131.	2.0	0
2850	Biocompatible polymeric microparticles serve as novel and reliable vehicles for exogenous hormone manipulations in passerines. <i>General and Comparative Endocrinology</i> , 2023, 336, 114234.	0.8	1
2851	Recent advances in biodegradable polymers – Properties, applications and future prospects. <i>European Polymer Journal</i> , 2023, 192, 112068.	2.6	29
2852	Antibiotic-loaded hydroxyapatite scaffolds fabricated from Nile tilapia bones for orthopaedics. <i>International Journal of Pharmaceutics: X</i> , 2023, 5, 100169.	1.2	0
2853	Biodegradable materials as sensitive coatings for humidity sensing in S-band microwave frequencies. <i>Micro and Nano Engineering</i> , 2023, 19, 100185.	1.4	2
2854	Biodegradable Polymers for Industrial Applications. , 2022, , 1-26.		0
2855	Sequential release of vascular endothelial growth factor-A and bone morphogenetic protein-2 from osteogenic scaffolds assembled by PLGA microcapsules: A preliminary study in vitro. <i>International Journal of Biological Macromolecules</i> , 2023, 232, 123330.	3.6	4
2856	Application of PLGA as a Biodegradable and Biocompatible Polymer for Pulmonary Delivery of Drugs. <i>AAPS PharmSciTech</i> , 2023, 24, .	1.5	14
2857	Exploring the potential of phytochemicals and nanomaterial: A boon to antimicrobial treatment. <i>Medicine in Drug Discovery</i> , 2023, 17, 100151.	2.3	7
2858	3D Printing as a Technological Strategy for the Personalized Treatment of Wound Healing. <i>AAPS PharmSciTech</i> , 2023, 24, .	1.5	12
2859	Polymeric Scaffolds for Regeneration of Central/Peripheral Nerves and Soft Connective Tissues. <i>Advanced NanoBiomed Research</i> , 2023, 3, .	1.7	2
2860	Development of L-Lysine-Loaded PLGA Microparticles as a Controlled Release System for Angiogenesis Enhancement. <i>Pharmaceutics</i> , 2023, 15, 479.	2.0	5
2861	Photo-click crosslinked hydrogel containing MgO ₂ -loaded PLGA microsphere with concurrent magnesium and oxygen release for bone tissue engineering. <i>Materials Today Chemistry</i> , 2023, 28, 101389.	1.7	4
2862	Ultra-long-acting in-situ forming implants with cabotegravir protect female macaques against rectal SHIV infection. <i>Nature Communications</i> , 2023, 14, .	5.8	6

#	ARTICLE	IF	CITATIONS
2863	Development of nanoformulations for targeted delivery of obeticholic acid. , 2023, , .		0
2864	Conductive Polyaniline Particles Regulating In Vitro Hydrolytic Degradation and Erosion of Hydroxyapatite/Poly(lactide-co-glycolide) Porous Scaffolds for Bone Tissue Engineering. ACS Biomaterials Science and Engineering, 2023, 9, 1541-1557.	2.6	4
2865	Effect of Copolymer Properties on the Phase Behavior of Ibuprofen-PLA/PLGA Mixtures. Pharmaceutics, 2023, 15, 645.	2.0	4
2866	Neurotrophic Factors as Regenerative Therapy for Neurodegenerative Diseases: Current Status, Challenges and Future Perspectives. International Journal of Molecular Sciences, 2023, 24, 3866.	1.8	13
2867	Biocompatible nanocarriers an emerging platform for augmenting the antiviral attributes of bioactive polyphenols: A review. Journal of Drug Delivery Science and Technology, 2023, 81, 104269.	1.4	3
2868	Drug Delivery Systems for Localized Cancer Combination Therapy. ACS Applied Bio Materials, 2023, 6, 934-950.	2.3	10
2869	Injectable Temperature-Sensitive Hydrogel Loaded with IL-36Ra for the Relief of Osteoarthritis. ACS Biomaterials Science and Engineering, 2023, 9, 1672-1681.	2.6	7
2870	A Single Injection with Sustained-Release Microspheres and a Prime-Boost Injection of Bovine Serum Albumin Elicit the Same IgG Antibody Response in Mice. Pharmaceutics, 2023, 15, 676.	2.0	1
2871	A review on microfluidic-assisted nanoparticle synthesis, and their applications using multiscale simulation methods. , 2023, 18, .		16
2872	Nanotechnological advancements in the brain tumor therapy: a novel approach. Therapeutic Delivery, 2022, 13, 531-557.	1.2	2
2873	Enhanced mucosal immune responses and reduced viral load in the respiratory tract of ferrets to intranasal lipid nanoparticle-based SARS-CoV-2 proteins and mRNA vaccines. Journal of Nanobiotechnology, 2023, 21, .	4.2	8
2874	PLGA-Based Micro/Nanoparticles: An Overview of Their Applications in Respiratory Diseases. International Journal of Molecular Sciences, 2023, 24, 4333.	1.8	10
2875	Intranasal Polymeric and Lipid-Based Nanocarriers for CNS Drug Delivery. Pharmaceutics, 2023, 15, 746.	2.0	8
2876	Bone tumor-homing nanotherapeutics for prolonged retention in tumor microenvironment and facilitated apoptotic process via mevalonate pathway inhibition. Materials Today Bio, 2023, 19, 100591.	2.6	0
2877	Nanoparticle-Based Formulations of Glycopeptide Antibiotics: A Means for Overcoming Vancomycin Resistance in Bacterial Pathogens?. Advanced NanoBiomed Research, 2023, 3, .	1.7	2
2878	PLGA-based implants for sustained delivery of peptides/proteins: Current status, challenge and perspectives. Chinese Chemical Letters, 2023, 34, 108250.	4.8	1
2879	Electrosprayed trilayer poly (d,l-lactide-co-glycolide) nanoparticles for the controlled co-delivery of a SGLT2 inhibitor and a thiazide-like diuretic. Journal of Drug Delivery Science and Technology, 2023, 81, 104311.	1.4	2
2880	Nano-baicalein facilitates chemotherapy in breast cancer by targeting tumor microenvironment. International Journal of Pharmaceutics, 2023, 635, 122778.	2.6	3

#	ARTICLE	IF	CITATIONS
2881	The development of 5-fluorouracil biodegradable implants: A comparative study of PCL/PLGA blends. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 81, 104300.	1.4	3
2882	Advanced nanomedicine-based therapeutics for targeting airway inflammatory diseases. , 2023, , 29-55.		0
2883	Advance applications of polymeric green composites in medical bio-science – Bone engineering. , 2023, , 321-330.		0
2884	Red blood cell membrane-camouflaged poly(lactic-co-glycolic acid) microparticles as a potential controlled release drug delivery system for local stellate ganglion microinjection. <i>Acta Biomaterialia</i> , 2023, 161, 201-212.	4.1	0
2885	Novel, Blended Polymeric Microspheres for the Controlled Release of Methotrexate: Characterization and In Vivo Antifibrotic Studies. <i>Bioengineering</i> , 2023, 10, 298.	1.6	0
2886	Periadventitial Î²-aminopropionitrile-loaded nanofibers reduce fibrosis and improve arteriovenous fistula remodeling in rats. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	2
2887	Biodegradable Polymers for Industrial Applications. , 2023, , 451-476.		0
2888	Ln(III) Complexes Embedded in Biocompatible PLGA Nanoparticles as Potential Vis-to-NIR Optical Probes. <i>Molecules</i> , 2023, 28, 2251.	1.7	0
2889	Electrically Conducting Smart Biodegradable Polymers and Their Applications. , 2023, , 391-413.		2
2890	Latest research about active pharmaceutical ingredient loaded Poly Lactic Acid-co-Glycolic Acid (PLGA) based drug delivery system in TÃ¼rkiye. , 2023, 1, 127-139.		0
2891	A Scalable Platform for Fabricating Biodegradable Microparticles with Pulsatile Drug Release. <i>Advanced Materials</i> , 2023, 35, .	11.1	4
2892	Synthesis of Microwave Functionalized, Nanostructured Polylactic Co-Glycolic Acid (nfPLGA) for Incorporation into Hydrophobic Dexamethasone to Enhance Dissolution. <i>Nanomaterials</i> , 2023, 13, 943.	1.9	2
2893	Targeted Nanocarriers-based Approach For Prostate Cancer Therapy. , 2023, , 133-162.		0
2894	Application of magnetic particle imaging to evaluate nanoparticle fate in rodent joints. <i>Journal of Controlled Release</i> , 2023, 356, 347-359.	4.8	2
2895	Payload Release Profile and Anti-Cancer Stem Cell Properties of Compositionally Different Polymeric Nanoparticles Containing a Copper(II) Complex. <i>Molecules</i> , 2023, 28, 2506.	1.7	3
2896	Determination of Radiation Dose Leading to Molecular Chain Destruction of Amino Acids. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2022, 35, 255-260.	0.1	0
2897	Antibacterial Activity and Cytocompatibility of Electrospun PLGA Scaffolds Surface-Modified by Pulsed DC Magnetron Co-Sputtering of Copper and Titanium. <i>Pharmaceutics</i> , 2023, 15, 939.	2.0	6
2898	Design of Novel Mechanically Resistant and Biodegradable Multichannel Platforms for the Treatment of Peripheral Nerve Injuries. <i>Biomacromolecules</i> , 2023, 24, 1731-1743.	2.6	1

#	ARTICLE	IF	CITATIONS
2899	Bone regeneration by biodegradable polymers. <i>Polymer-Plastics Technology and Materials</i> , 2022, 61, 816-845.	0.6	2
2900	Novel Mucoadhesive Polymers for Nasal Drug Delivery. , 2023, , 189-234.		1
2901	Nasal Delivery of Micro and Nano Encapsulated Drugs. , 2023, , 339-360.		0
2902	Biological toxicity and environmental hazards associated with PLGA nanoparticles. , 2023, , 457-475.		0
2903	Drug loading methods and drug release mechanisms of PLGA nanoparticles. , 2023, , 55-86.		0
2904	PLGA-based nanoparticles for enhanced diagnosis and cancer therapy. , 2023, , 179-210.		0
2905	History, introduction, and properties of PLGA as a drug delivery carrier. , 2023, , 3-25.		0
2906	Properties of Poly (Lactic-co-Glycolic Acid) and Progress of Poly (Lactic-co-Glycolic Acid)-Based Biodegradable Materials in Biomedical Research. <i>Pharmaceuticals</i> , 2023, 16, 454.	1.7	24
2907	Biofate and cellular interactions of PLGA nanoparticles. , 2023, , 87-119.		0
2908	Targeting strategies using PLGA nanoparticles for efficient drug delivery. , 2023, , 123-151.		0
2909	Interpreting the Therapeutic Efficiency of Multifunctional Hybrid Nanostructure against Glioblastoma. <i>ACS Omega</i> , 2023, 8, 12259-12267.	1.6	1
2910	Thyroid Hormone and Heart Failure: Charting Known Pathways for Cardiac Repair/Regeneration. <i>Biomedicines</i> , 2023, 11, 975.	1.4	1
2911	Xenogenic Implantation of Human Mesenchymal Stromal Cells Using a Novel 3D-Printed Scaffold of PLGA and Graphene Leads to a Significant Increase in Bone Mineralization in a Rat Segmental Femoral Bone Defect. <i>Nanomaterials</i> , 2023, 13, 1149.	1.9	0
2912	Poly(lactic acid) and poly(lactic-co-glycolic acid)-based nanocarrier systems for theranostic applications. , 2023, , 13-36.		1
2913	Novel adjuvant nano-vaccine induced immune response against <i>Acinetobacter baumannii</i> . <i>AMB Express</i> , 2023, 13, .	1.4	8
2914	Dissolving Microneedle Patch Integrated with Microspheres for Long-Acting Hair Regrowth Therapy. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 17532-17542.	4.0	11
2915	Production and Utilization of Keratin and Sericin-Based Electro-Spun Nanofibers: A Comprehensive Review. <i>Journal of Natural Fibers</i> , 2023, 20, .	1.7	5
2916	Synthesis and Characterization of Poly(lactic-co-glycolic acid) Derived with LGlutamic Acid and L-Aspartic Acid. <i>Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , 2023, 16, 155-168.	0.1	1

#	ARTICLE	IF	CITATIONS
2917	Electronic, mechanical, and thermal properties of zirconium dioxide nanotube interacting with poly lactic-co-glycolic acid and chitosan as potential agents in bone tissue engineering: insights from computational approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2024, 42, 231-243.	2.0	2
2918	Hydrogel delivery of DNase I and liposomal vancomycin to eradicate fracture-related methicillin-resistant staphylococcus aureus infection and support osteoporotic fracture healing. <i>Acta Biomaterialia</i> , 2023, 164, 223-239.	4.1	5
2919	Particle carriers for controlled release of peptides. <i>Journal of Controlled Release</i> , 2023, 360, 953-968.	4.8	1
2920	NMR relaxation and diffusion studies to probe the motional dynamics of risperidone within PLGA microsphere. <i>Magnetic Resonance Letters</i> , 2023, , .	0.7	0
2921	Microfabrication and Characterization of Chemically Actuated Implantable PLGA Reservoir-based Device for Controlled Drug Delivery. <i>IETE Journal of Research</i> , 0, , 1-8.	1.8	0
2922	Ferulic acid-loaded polymeric nanoparticles prepared from nano-emulsion templates facilitate internalisation across the blood-brain barrier in model membranes. <i>Nanoscale</i> , 2023, 15, 7929-7944.	2.8	7
2923	Recent Development of Nanomaterials for Transdermal Drug Delivery. <i>Biomedicines</i> , 2023, 11, 1124.	1.4	5
2924	Cultivation and Transplantation of Three-Dimensional Skins with Laser-Processed Biodegradable Membranes. <i>Tissue Engineering - Part A</i> , 2023, 29, 344-353.	1.6	2
2925	Biodegradable Long-Acting Injectables: Platform Technology and Industrial Challenges. <i>Handbook of Experimental Pharmacology</i> , 2023, , .	0.9	0
2926	Advanced Formulation Approaches for Proteins. <i>Handbook of Experimental Pharmacology</i> , 2023, , .	0.9	0
2928	5-Fluorouracil-Loaded PLGA Nanoparticles: Formulation, Physicochemical Characterisation, and In Vitro Anti-Cancer Activity. <i>Bioinorganic Chemistry and Applications</i> , 2023, 2023, 1-11.	1.8	3
2929	Predetermination of burst times of elastoplastic osmotic capsules. <i>Journal of Controlled Release</i> , 2023, 357, 422-431.	4.8	0
2930	Progress and emerging techniques for biomaterial-based derivation of mesenchymal stem cells (MSCs) from pluripotent stem cells (PSCs). <i>Biomaterials Research</i> , 2023, 27, .	3.2	6
2931	In utero delivery of miRNA induces epigenetic alterations and corrects pulmonary pathology in congenital diaphragmatic hernia. <i>Molecular Therapy - Nucleic Acids</i> , 2023, 32, 594-602.	2.3	2
2934	Utilizing 505(b)(2) Regulatory Pathway for New Drug Applications: An Overview on the Advanced Formulation Approach and Challenges. , 0, , .		0
2939	Methods to increase the Raman spectroscopy efficiency in multimodal diagnostic systems. , 2022, , .		0
2941	Polymer-Based Nanocomposites for the Removal of Personal Care Products. , 2023, , 1437-1458.		0
2943	Safety Issues, Environmental Impacts, and Health Effects of Biopolymers. , 2023, , 1469-1495.		0

#	ARTICLE	IF	CITATIONS
2950	Scaffold Materials and Toxicity. , 2023, , 535-558.		0
2956	Multicomponent Hydrogels in Clinical and Pharmaceutical Applications. , 2023, , 449-501.		0
2968	Synthesis of nanoparticles via microfluidic devices and integrated applications. Mikrochimica Acta, 2023, 190, .	2.5	3
2970	Amalgamation of Artificial Intelligence with Nanoscience for Biomedical Applications. Archives of Computational Methods in Engineering, 2023, 30, 4667-4685.	6.0	4
2971	Sustainability in Drug and Nanoparticle Processing. Handbook of Experimental Pharmacology, 2023, , .	0.9	0
2985	Renal tissue engineering for regenerative medicine using polymers and hydrogels. Biomaterials Science, 2023, 11, 5706-5726.	2.6	2
2993	Bioconjugated materials as potential vehicles for delivery of antibiotics/drugs. Comprehensive Analytical Chemistry, 2023, , .	0.7	0
3001	Material Synthesis, Structures and Characterization. , 2023, , 14-59.		0
3014	Agriculture Biomass Characterization and Exploitation. , 2023, , .		0
3015	Three-dimensional bioprinting of in vitro tumor organoid and organ-on-a-chip models. MRS Bulletin, 2023, 48, 643-656.	1.7	1
3020	Vaccine adjuvants: mechanisms and platforms. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	41
3041	Nanomaterial scaffolds for cardiovascular tissue engineering. , 2023, , 511-535.		0
3058	Advanced approaches in cancer therapy via administration of polymer-based particles. Advances in Chemical Engineering, 2023, , .	0.5	0
3064	Polymeric materials for ultrasound imaging and therapy. Chemical Science, 2023, 14, 11941-11954.	3.7	3
3074	Roles of Sustainable Biomaterials in Biomedical Engineering for Ischemic Stroke Therapy. , 2023, , 415-433.		0
3078	Polymers in drug delivery and targeting. , 2023, , 595-634.		0
3079	Biocompatibility of polymers. , 2023, , 87-142.		0
3102	Recent advances in nanocarriers for pancreatic cancer therapy. , 2024, , 169-211.		0

#	ARTICLE	IF	CITATIONS
3104	Sustainable formulation polymers for home, beauty and personal care: challenges and opportunities. <i>Chemical Science</i> , 2023, 14, 12926-12940.	3.7	2
3107	Role of Nanotechnology Against Malaria: Current Perspectives and Strategies. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2023, , 197-238.	0.2	0
3111	Role of Block Copolymers in the Treatment of Brain Disorders. , 2023, , 121-142.		0
3116	Unravelling the role of microneedles in drug delivery: Principle, perspectives, and practices. <i>Drug Delivery and Translational Research</i> , 0, , .	3.0	1
3124	Block Co-polymers: Vital Aspects and Applications in Drug Delivery. , 2023, , 355-380.		0
3130	Research Progress on Insulin Dressings to Promote Wound Healing. , 0, , .		0
3131	Bioengineered Nanoparticle and Environmental Particulate Matter Toxicity: Mechanisms, Regulations and Applications. , 0, , .		0
3133	Advanced manufacturing of nanoparticle formulations of drugs and biologics using microfluidics. <i>Analyst</i> , The, 0, , .	1.7	0
3149	Polymers for Pharmaceutical 3D Printing: Printability and Critical Insight into Material Properties. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2024, , 97-137.	0.2	0
3163	Formulation of Therapeutics for Neuraxial Infusion. , 2023, , 363-388.		0
3169	Polymer nanocomposites in biomedical implants. , 2024, , 67-96.		0
3170	Fabrication of polymeric nanomaterials for phototheranostics of cancer. , 2024, , 141-170.		0
3173	Bioresorbable polymers: Challenges and opportunities for development and applications of medical devices. , 2024, , 325-352.		0
3174	Cellsâ€™biomaterials structureâ€™function at different length scales. , 2024, , 463-516.		0
3175	Biopharmaceutical Classification System: a strategic tool in pharmaceutical formulation. , 2024, , 443-469.		0
3178	Polymers in medical devices and pharmaceutical packaging. , 2024, , 333-382.		0
3179	Polymers for implantable bioartificial pancreas. , 2024, , 337-375.		0
3180	Polymeric Nanocarriers for the Delivery of Phytoconstituents. , 2024, , 89-123.		0

#	ARTICLE	IF	CITATIONS
3181	Targeted Molecular Therapeutics for Pulmonary Diseases: Addressing the Need for Precise Drug Delivery. Handbook of Experimental Pharmacology, 2024, , 313-328.	0.9	0
3189	Nanocarrier-mediated delivery for targeting for prostate cancer. , 2024, , 355-392.		0
3191	Polymer interactions with blood. , 2024, , 457-486.		0
3192	Polymeric (PLGA-based) nanocomposites for application in drug delivery: Current state of the art and forthcoming perspectives. , 2024, , 277-324.		0
3193	Synthetic polymers as biomaterials for the treatment of colon diseases. , 2024, , 95-130.		0
3195	Introduction to polymer materials for implants. , 2024, , 1-29.		0
3200	Pharmaceutical and biomedical polymers: Basics, modifications, and applications. , 2024, , 1-86.		0
3218	Drug Delivery Strategies in Parkinsonâ€™s Disease. , 2023, , 305-324.		0