Gilson Khang

List of Publications by Year
in descending order

164 papers	4,421 citations	101384 36 h-index	133063 59 g-index
166 all docs	166 docs citations	166 times ranked	5789 citing authors

#	Article	IF	Citations
1	Amplification of oxidative stress by a dual stimuli-responsive hybrid drug enhances cancer cell death. Nature Communications, 2015, 6, 6907.	5.8	378
2	An in vivo study of the host tissue response to subcutaneous implantation of PLGA- and/or porcine small intestinal submucosa-based scaffolds. Biomaterials, 2007, 28, 5137-5143.	5.7	182
3	Bioengineering endothelialized neo-corneas using donor-derived corneal endothelial cells and decellularized corneal stroma. Biomaterials, 2010, 31, 6738-6745.	5.7	162
4	Inflammation-Responsive Antioxidant Nanoparticles Based on a Polymeric Prodrug of Vanillin. Biomacromolecules, 2013, 14, 1618-1626.	2.6	137
5	Recent Advances in Natural Gum-Based Biomaterials for Tissue Engineering and Regenerative Medicine: A Review. Polymers, 2020, 12, 176.	2.0	122
6	H2O2-responsive molecularly engineered polymer nanoparticles as ischemia/reperfusion-targeted nanotherapeutic agents. Scientific Reports, 2013, 3, 2233.	1.6	112
7	Reduction of Inflammatory Reaction of Poly(D,L-Lactic-C<i>o</i>-Glycolic Acid) Using Demineralized Bone Particles. Tissue Engineering - Part A, 2008, 14, 539-547.	1.6	107
8	Antioxidant and Anti-Inflammatory Activities of Hydroxybenzyl Alcohol Releasing Biodegradable Polyoxalate Nanoparticles. Biomacromolecules, 2010, 11, 2103-2108.	2.6	86
9	Dual Acidâ€Responsive Micelleâ€Forming Anticancer Polymers as New Anticancer Therapeutics. Advanced Functional Materials, 2013, 23, 5091-5097.	7.8	83
10	The effect of the chemical structure of the phospholipid polymer on fibronectin adsorption and fibroblast adhesion on the gradient phospholipid surface. Biomaterials, 1999, 20, 2185-2191.	5.7	79
11	Polyoxalate Nanoparticles as a Biodegradable and Biocompatible Drug Delivery Vehicle. Biomacromolecules, 2010, 11, 555-560.	2.6	76
12	Preparation of porcine small intestinal submucosa sponge and their application as a wound dressing in full-thickness skin defect of rat. International Journal of Biological Macromolecules, 2005, 36, 54-60.	3.6	74
13	Reduction of oxidative stress by p-hydroxybenzyl alcohol-containing biodegradable polyoxalate nanoparticulate antioxidant. Biomaterials, 2011, 32, 3021-3029.	5.7	74
14	Hydrogen peroxide-responsive copolyoxalate nanoparticles for detection and therapy of ischemiaâ€“reperfusion injury. Journal of Controlled Release, 2013, 172, 1102-1110.	4.8	72
15	Biological Role of Gellan Gum in Improving Scaffold Drug Delivery, Cell Adhesion Properties for Tissue Engineering Applications. Molecules, 2019, 24, 4514.	1.7	72
16	Chemiluminescent and Antioxidant Micelles as Theranostic Agents for Hydrogen Peroxide Associatedâ€Inflammatory Diseases. Advanced Functional Materials, 2012, 22, 4038-4043.	7.8	70
17	Nature-Derived Aloe Vera Gel Blended Silk Fibroin Film Scaffolds for Cornea Endothelial Cell Regeneration and Transplantation. ACS Applied Materials & Interfaces, 2016, 8, 15160-15168.	4.0	68
18	Macroporous biodegradable natural/synthetic hybrid scaffolds as small intestine submucosa impregnated poly(D, L-lactide-co-glycolide) for tissue-engineered bone. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 1003-1017.	1.9	66

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19	Hydrogen peroxide-activatable antioxidant prodrug as a targeted therapeutic agent for ischemia-reperfusion injury. Scientific Reports, 2015, 5, 16592.	1.6	57
20	Fibrin and poly(lactic-co-glycolic acid) hybrid scaffold promotes early chondrogenesis of articular chondrocytes: an in vitro study. Journal of Orthopaedic Surgery and Research, 2008, 3, 17.	0.9	56
21	Fibrin promotes proliferation and matrix production of intervertebral disc cells cultured in three-dimensional poly(lactic-co-glycolic acid) scaffold. Journal of Biomaterials Science, Polymer Edition, 2008, 19, 1219-1237.	1.9	56
22	Effect of pore sizes of PLGA scaffolds on mechanical properties and cell behaviour for nucleus pulposus regeneration<i>in vivo</i>. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 44-57.	1.3	56
23	Acid-activatable oxidative stress-inducing polysaccharide nanoparticles for anticancer therapy. Journal of Controlled Release, 2018, 269, 235-244.	4.8	56
24	Quercetin Inlaid Silk Fibroin/Hydroxyapatite Scaffold Promotes Enhanced Osteogenesis. ACS Applied Materials & Interfaces, 2018, 10, 32955-32964.	4.0	53
25	Effect of pore sizes of silk scaffolds for cartilage tissue engineering. Macromolecular Research, 2015, 23, 1091-1097.	1.0	51
26	Evaluation of cartilage regeneration of chondrocyte encapsulated gellan gum-based hyaluronic acid blended hydrogel. International Journal of Biological Macromolecules, 2019, 141, 51-59.	3.6	49
27	Enhanced osteogenesis of Î²-tricalcium phosphate reinforced silk fibroin scaffold for bone tissue biofabrication. International Journal of Biological Macromolecules, 2017, 95, 14-23.	3.6	47
28	Antioxidant polymeric prodrug microparticles as a therapeutic system for acute liver failure. Biomaterials, 2014, 35, 3895-3902.	5.7	46
29	Bioengineered porous composite curcumin/silk scaffolds for cartilage regeneration. Materials Science and Engineering C, 2017, 78, 571-578.	3.8	45
30	Preparation and Statistical Characterization of Tunable Porous Sponge Scaffolds using UV Cross-linking of Methacrylate-Modified Silk Fibroin. ACS Biomaterials Science and Engineering, 2019, 5, 6374-6388.	2.6	43
31	Long-term Efficacy and Biocompatibility of Encapsulated Islet Transplantation With Chitosan-Coated Alginate Capsules in Mice and Canine Models of Diabetes. Transplantation, 2016, 100, 334-343.	0.5	42
32	Bioengineered Osteoinductive <i>Broussonetia kazinoki</i>/Silk Fibroin Composite Scaffolds for Bone Tissue Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 1384-1394.	4.0	42
33	Silk Fibroin-Based Scaffold for Bone Tissue Engineering. Advances in Experimental Medicine and Biology, 2018, 1077, 371-387.	0.8	41
34	Exosome mediated transfer of miRNAâ€‘140 promotes enhanced chondrogenic differentiation of bone marrow stem cells for enhanced cartilage repair and regeneration. Journal of Cellular Biochemistry, 2020, 121, 3642-3652.	1.2	41
35	Functionalized silk fibroin film scaffold using Î²-Carotene for cornea endothelial cell regeneration. Colloids and Surfaces B: Biointerfaces, 2018, 164, 340-346.	2.5	40
36	Advanced gellan gum-based glycol chitosan hydrogel for cartilage tissue engineering biomaterial. International Journal of Biological Macromolecules, 2020, 158, 452-460.	3.6	40

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37	A BMSCsâ€‘laden quercetin/duck's feet collagen/hydroxyapatite sponge for enhanced bone regeneration. Journal of Biomedical Materials Research - Part A, 2020, 108, 784-794.	2.1	39
38	Surface modification of titanium with hydroxyapatite-heparin-BMP-2 enhances the efficacy of bone formation and osseointegration<i>in vitro</i>and<i>in vivo</i>. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 1067-1077.	1.3	38
39	Preparation and characterization of small intestine submucosa powder impregnated poly(L-lactide) scaffolds: the application for tissue engineered bone and cartilage. Macromolecular Research, 2002, 10, 158-167.	1.0	37
40	Engineering retinal pigment epithelial cells regeneration for transplantation in regenerative medicine using PEG/Gellan gum hydrogels. International Journal of Biological Macromolecules, 2019, 130, 220-228.	3.6	37
41	Bioengineered neo-corneal endothelium using collagen type-I coated silk fibroin film. Colloids and Surfaces B: Biointerfaces, 2015, 136, 394-401.	2.5	36
42	Preparation and characterization of an injectable dexamethasone-cyclodextrin complexes-loaded gellan gum hydrogel for cartilage tissue engineering. Journal of Controlled Release, 2020, 327, 747-765.	4.8	36
43	Fabrication of duckâ€™s feet collagenâ€“silk hybrid biomaterial for tissue engineering. International Journal of Biological Macromolecules, 2016, 85, 442-450.	3.6	32
44	Factors Affecting Successful Isolation of Human Corneal Endothelial Cells for Clinical Use. Cell Transplantation, 2014, 23, 845-854.	1.2	30
45	Reduction of inflammatory reaction in the use of purified alginate microcapsules. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1084-1098.	1.9	29
46	Development and Evaluation of Gellan Gum/Silk Fibroin/Chondroitin Sulfate Ternary Injectable Hydrogel for Cartilage Tissue Engineering. Biomolecules, 2021, 11, 1184.	1.8	29
47	Dual Stimuli-Activatable Oxidative Stress Amplifying Agent as a Hybrid Anticancer Prodrug. Bioconjugate Chemistry, 2017, 28, 968-978.	1.8	28
48	Evaluation of double network hydrogel of poloxamer-heparin/gellan gum for bone marrow stem cells delivery carrier. Colloids and Surfaces B: Biointerfaces, 2019, 181, 879-889.	2.5	28
49	Angiotensin-(1-7) Augments Endothelium-dependent Relaxations of Porcine Coronary Arteries to Bradykinin by Inhibiting Angiotensin-Converting Enzyme 1. Journal of Cardiovascular Pharmacology, 2014, 63, 453-460.	0.8	26
50	Injectable taurine-loaded alginate hydrogels for retinal pigment epithelium (RPE) regeneration. Materials Science and Engineering C, 2019, 103, 109787.	3.8	26
51	Anti-Inflammatory Properties of Injectable Betamethasone-Loaded Tyramine-Modified Gellan Gum/Silk Fibroin Hydrogels. Biomolecules, 2020, 10, 1456.	1.8	26
52	Characterization of Gelatin/Gellan Gum/Glycol Chitosan Ternary Hydrogel for Retinal Pigment Epithelial Tissue Reconstruction Materials. ACS Applied Bio Materials, 2020, 3, 6079-6087.	2.3	25
53	Biofunctionalized Lysophosphatidic Acid/Silk Fibroin Film for Cornea Endothelial Cell Regeneration. Nanomaterials, 2018, 8, 290.	1.9	24
54	Osteogenic Differentiation of Bone Marrow Stem Cell in Poly(Lactic-co-Glycolic Acid) Scaffold Loaded Various Ratio of Hydroxyapatite. International Journal of Stem Cells, 2013, 6, 67-74.	0.8	24

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55	Effect of different concentration of demineralized bone powder with gellan gum porous scaffold for the application of bone tissue regeneration. International Journal of Biological Macromolecules, 2019, 134, 749-758.	3.6	23
56	Hydrogen peroxide-activatable polymeric prodrug of curcumin for ultrasound imaging and therapy of acute liver failure. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 16, 45-55.	1.7	23
57	Evaluation of silymarin/duck's feet-derived collagen/hydroxyapatite sponges for bone tissue regeneration. Materials Science and Engineering C, 2019, 97, 347-355.	3.8	22
58	Vanillin and Vanillin Analogs Relax Porcine Coronary and Basilar Arteries by Inhibiting L-Type Ca²⁺Channels. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 14-22.	1.3	21
59	Collagen type I-PLGA film as an efficient substratum for corneal endothelial cells regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 2471-2478.	1.3	21
60	Enhanced retinal pigment epithelium (RPE) regeneration using curcumin/alginate hydrogels: In vitro evaluation. International Journal of Biological Macromolecules, 2018, 117, 546-552.	3.6	20
61	Characterization of surface modified glycerol/silk fibroin film for application to corneal endothelial cell regeneration. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 263-275.	1.9	20
62	Evaluation of Hyaluronic Acid/Agarose Hydrogel for Cartilage Tissue Engineering Biomaterial. Macromolecular Research, 2020, 28, 979-985.	1.0	20
63	Fucoxanthin Suppresses Osteoclastogenesis via Modulation of MAP Kinase and Nrf2 Signaling. Marine Drugs, 2021, 19, 132.	2.2	20
64	Fabrication of poly(lacticâ€<i>co</i>â€glycolic acid) scaffolds containing silk fibroin scaffolds for tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2014, 102, 2713-2724.	2.1	19
65	In vivo bone regeneration evaluation of duckâ€™s feet collagen/PLGA scaffolds in rat calvarial defect. Macromolecular Research, 2017, 25, 994-999.	1.0	19
66	Characterization and Potential of a Bilayered Hydrogel of Gellan Gum and Demineralized Bone Particles for Osteochondral Tissue Engineering. ACS Applied Materials & Interfaces, 2020, 12, 34703-34715.	4.0	19
67	Pluronic F-127/Silk Fibroin for Enhanced Mechanical Property and Sustained Release Drug for Tissue Engineering Biomaterial. Materials, 2021, 14, 1287.	1.3	19
68	Inhibition of Kinin B1 Receptors Attenuates Pulmonary Hypertension and Vascular Remodeling. Hypertension, 2015, 66, 906-912.	1.3	18
69	Development of poly(lactide-co-glycolide) scaffold-impregnated small intestinal submucosa with pores that stimulate extracellular matrix production in disc regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 279-290.	1.3	16
70	Hydrogen peroxide-responsive engineered polyoxalate nanoparticles for enhanced wound healing. Macromolecular Research, 2018, 26, 40-47.	1.0	16
71	Evaluation of Chondrogenic Differentiation Ability of Bone Marrow Mesenchymal Stem Cells in Silk Fibroin/Gellan Gum Hydrogels Using miR-30. Macromolecular Research, 2019, 27, 369-376.	1.0	16
72	Evaluation of Various Types of Scaffold for Tissue Engineered Intervertebral Disc. , 2006, 585, 167-181.		16

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73	Effect of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) surface with different wettability on fibroblast behavior. Macromolecular Research, 2002, 10, 150-157.	1.0	15
74	Natural Sources and Applications of Demineralized Bone Matrix in the Field of Bone and Cartilage Tissue Engineering. Advances in Experimental Medicine and Biology, 2020, 1249, 3-14.	0.8	15
75	Osteochondral and bone tissue engineering scaffold prepared from Gallus var domesticus derived demineralized bone powder combined with gellan gum for medical application. International Journal of Biological Macromolecules, 2020, 149, 381-394.	3.6	15
76	Preparation and characterization of a soluble eggshell membrane/agarose composite scaffold with possible applications in cartilage regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 375-387.	1.3	15
77	Preparation of Sponge Using Porcine Small Intesinal Submucosa and Their Applications as a Scaffold and a Wound Dressing. , 2006, 585, 209-222.		15
78	Osteogenesis evaluation of duckâ€™s feet-derived collagen/hydroxyapatite sponges immersed in dexamethasone. Biomaterials Research, 2017, 21, 2.	3.2	14
79	Evaluation of Cartilage Regeneration in Gellan Gum/agar Blended Hydrogel with Improved Injectability. Macromolecular Research, 2019, 27, 558-564.	1.0	14
80	Dopamine-Functionalized Gellan Gum Hydrogel as a Candidate Biomaterial for a Retinal Pigment Epithelium Cell Delivery System. ACS Applied Bio Materials, 2021, 4, 1771-1782.	2.3	14
81	Neurogenesis of bone marrow-derived mesenchymal stem cells onto Î²-mercaptoethanol-loaded PLGA film. Cell and Tissue Research, 2012, 347, 713-724.	1.5	13
82	Effects of purified alginate sponge on the regeneration of chondrocytes:<i>in vitro</i>and<i>in vivo</i>. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 181-195.	1.9	13
83	Improvement of islet function and survival by integration of perfluorodecalin into microcapsules <i>in vivo</i> and <i>in vitro</i>. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e2110-e2122.	1.3	13
84	Nature-derived epigallocatechin gallate/duckâ€™s feet collagen/hydroxyapatite composite sponges for enhanced bone tissue regeneration. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 984-996.	1.9	13
85	Evaluation of Saponin Loaded Gellan Gum Hydrogel Scaffold for Cartilage Regeneration. Macromolecular Research, 2018, 26, 724-729.	1.0	13
86	Ginseng compound K incorporated porous Chitosan/biphasic calcium phosphate composite microsphere for bone regeneration. International Journal of Biological Macromolecules, 2020, 146, 1024-1029.	3.6	13
87	Application of double network of gellan gum and pullulan for bone marrow stem cells differentiation towards chondrogenesis by controlling viscous substrates. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1592-1603.	1.3	13
88	Eggshell Membrane/Gellan Gum Composite Hydrogels with Increased Degradability, Biocompatibility, and Anti-Swelling Properties for Effective Regeneration of Retinal Pigment Epithelium. Polymers, 2020, 12, 2941.	2.0	13
89	Preparation of Foam Dressings Based on Gelatin, Hyaluronic Acid, and Carboxymethyl Chitosan Containing Fibroblast Growth Factor-7 for Dermal Regeneration. Polymers, 2021, 13, 3279.	2.0	13
90	Preparation and evaluation of gellan gum hydrogel reinforced with silk fibers with enhanced mechanical and biological properties for cartilage tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 936-947.	1.3	13

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91	Silk fibroin film as an efficient carrier for corneal endothelial cells regeneration. Macromolecular Research, 2015, 23, 189-195.	1.0	12
92	Inflammatory response study of gellan gum impregnated duckâ€™s feet derived collagen sponges. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 1495-1506.	1.9	12
93	Dual Imaging-Guided Oxidativeâ€“Photothermal Combination Anticancer Therapeutics. ACS Applied Materials & Interfaces, 2018, 10, 40424-40433.	4.0	12
94	Fabrication and Characterization of Silk Fibroin Microfiber-Incorporated Bone Marrow Stem Cell Spheroids to Promote Cellâ€“Cell Interaction and Osteogenesis. ACS Omega, 2020, 5, 18021-18027.	1.6	12
95	Preparation and Characterization of Natural/Synthetic Hybrid Scaffolds. Advances in Experimental Medicine and Biology, 2003, 534, 235-245.	0.8	11
96	Biodegradable polyoxalate and copolyoxalate particles for drug-delivery applications. Therapeutic Delivery, 2011, 2, 1407-1417.	1.2	11
97	Physicobiological properties and biocompatibility of biodegradable poly(oxalateâ€ɛoâ€ɵxamide). Journal of Biomedical Materials Research - Part A, 2011, 98A, 517-526.	2.1	11
98	Fabrication of transparent silk fibroin film for the regeneration of corneal endothelial cells; preliminary study. Macromolecular Research, 2014, 22, 297-303.	1.0	11
99	Composite scaffold of micronized porcine cartilage/poly(lacticâ€‘coâ€‘glycolic acid) enhances anti-inflammatory effect. Materials Science and Engineering C, 2018, 88, 46-52.	3.8	11
100	Î²-Cyclodextrin/Triclosan Complex-Grafted Methacrylated Glycol Chitosan Hydorgel by Photocrosslinking via Visible Light Irradiation for a Tissue Bio-Adhesive. International Journal of Molecular Sciences, 2021, 22, 700.	1.8	11
101	Controlled release of nerve growth factor from sandwiched poly(L-lactide-co-glycolide) films for the application in neural tissue engineering. Macromolecular Research, 2003, 11, 334-340.	1.0	10
102	Reduced inflammatory responses to poly(lactic-co-glycolic acid) by the incorporation of hydroxybenzyl alcohol releasing polyoxalate. Macromolecular Research, 2011, 19, 1242-1249.	1.0	10
103	Effect of hyaluronic acid (HA) in a HA/PLGA scaffold on annulus fibrosus regeneration: In vivo tests. Macromolecular Research, 2013, 21, 1075-1082.	1.0	10
104	Effects of hesperidin loaded poly(lactic-co-glycolic acid) scaffolds on growth behavior of costal cartilage cells<i>in vitro</i>and<i>in vivo</i>. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 625-640.	1.9	10
105	Skin regeneration using duckâ€™s feet derived collagen and poly(vinyl alcohol) scaffold. Macromolecular Research, 2016, 24, 359-365.	1.0	10
106	Effects of small intestinal submucosa content on the adhesion and proliferation of retinal pigment epithelial cells on SIS-PLGA films. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 99-108.	1.3	10
107	Three-dimensional duckâ€™s feet collagen/PLGA scaffold for chondrification: role of pore size and porosity. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 932-941.	1.9	10
108	A Study on Proliferation and Behavior of Retinal Pigment Epithelial Cells on Purified Alginate Films. International Journal of Stem Cells, 2011, 4, 105-112.	0.8	10

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109	Development of fluorescein isothiocyanate conjugated gellan gum for application of bioimaging for biomedical application. International Journal of Biological Macromolecules, 2020, 164, 2804-2812.	3.6	9
110	Comparative Study on the Effect of the Different Harvesting Sources of Demineralized Bone Particles on the Bone Regeneration of a Composite Gellan Gum Scaffold for Bone Tissue Engineering Applications. ACS Applied Bio Materials, 2021, 4, 1900-1911.	2.3	9
111	Recent advances in tissue-engineered corneal regeneration. Inflammation and Regeneration, 2014, 34, 004-014.	1.5	8
112	Effect of demineralized bone particle/poly(lactic-co-glycolic acid) scaffolds on the attachment and proliferation of mesenchymal stem cells. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 92-110.	1.9	8
113	Fabrication of POX/PLGA Scaffold for the Potential Application of Tissue Engineering and Cell Transplantation. Macromolecular Research, 2020, 28, 196-202.	1.0	8
114	New fabrication method of silk fibroin plate and screw based on a centrifugal casting technique. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 2221-2229.	1.3	6
115	Reactive Oxygen Species Responsive Naturally Occurring Phenolic-Based Polymeric Prodrug. Advances in Experimental Medicine and Biology, 2018, 1078, 291-301.	0.8	6
116	Alleviated Side Effects and Improved Efficiency of Omeprazole Using Oral Thin Film: In Vitro Evaluation. Macromolecular Research, 2020, 28, 417-424.	1.0	6
117	Progress in Silk Fibroin Based Composite Scaffold/Hydrogel: Silk Fibroin/PEG Hydrogel for the RPE Regeneration a Promising Biomaterial for Clinical Application. Frontiers in Materials, 2020, 7, .	1.2	6
118	Demineralized Bone Particle Impregnated Poly(l-Lactide- co -Glycolide) Scaffold for Application in Tissue-Engineered Intervertebral Discs. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 2153-2170.	1.9	5
119	Effect of Duck's Feet Derived Collagen Sponge on Skin Regeneration: In Vitro Study. Porrime, 2015, 39, 493-498.	0.0	5
120	Characterization and Effect of Inflammatory Reaction of Duck-Feet Derived Collagen/Poly(lactic-co-glycolide)(PLGA) Hybrid Scaffold. Porrime, 2015, 39, 837.	0.0	5
121	Osteogenic Effect of Hybrid Scaffolds Composed of Duck Feet Collagen and PLGA. Porrime, 2015, 39, 846.	0.0	5
122	Macro- and microporous polycaprolactone/duckâ€™s feet collagen scaffold fabricated by combining facile phase separation and particulate leaching techniques to enhance osteogenesis for bone tissue engineering. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 1025-1042.	1.9	5
123	Effect of demineralized bone particles (DBP) on cell growth and ECM secretion in PLGA/DBP hybrid scaffold for cartilage tissue engineering. Macromolecular Research, 2012, 20, 1044-1053.	1.0	4
124	Preparation, characterization and in vitro dissolution of aceclofenac-loaded PVP solid dispersions prepared by spray drying or rotary evaporation method. Journal of Pharmaceutical Investigation, 2013, 43, 107-113.	2.7	4
125	Effect of small intestinal submucosa sponges on the attachment and proliferation behavior of Schwann cells. Macromolecular Research, 2014, 22, 1253-1260.	1.0	4
126	The role of demineralized bone particle in a PLGA scaffold designed to create a media equivalent for a tissue engineered blood vessel. Macromolecular Research, 2015, 23, 986-993.	1.0	4

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127	The potential of DBP gels containing intervertebral disc cells for annulus fibrosus supplementation:in vivo. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, E98-E107.	1.3	4
128	Sustained-Released Formulation of Nifedipine Solid Dispersion with Various Polymers. Macromolecular Research, 2020, 28, 553-557.	1.0	4
129	ATTACHMENT AND PROLIFERATION OF RETINAL PIGMENT EPITHELIAL CELLS ON SMALL INTESTINE SUBMUCOSA POWDER IMPREGNATED POLY(L-LACTIDE-CO-GLYCOLIDE) FILM. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 119-126.	0.3	3
130	Improved Rapid Action of Dapoxetine Hydrochloride & L-arginine Solid Dispersion Using Film Formulation. Macromolecular Research, 2019, 27, 354-359.	1.0	3
131	Tissue Engineered Catilage Reconstruction with Alginate Sponge Containing Demineralized Bone Particles. Porrime, 2014, 38, 278-285.	0.0	3
132	Evaluation of Osteogenesis on Duck`s Feet Derived Collagen and Demineralized Bone Particles Sponges. Porrime, 2016, 40, 858.	0.0	3
133	Evaluation of Gelatin and Gellan Gum Blended Hydrogel for Cartilage Regeneration. Porrime, 2017, 41, 619-623.	0.0	3
134	A Comprehensive Study on Cartilage Regeneration Using Gellan-gum/Chondroitin Sulfate Hybrid Hydrogels. Porrime, 2017, 41, 962-966.	0.0	3
135	Effect of Cartilage Regeneration on Gellan Gum and Silk Fibroin. Porrime, 2018, 42, 298-302.	0.0	3
136	Application of Gellan Gum-Based Scaffold for Regenerative Medicine. Advances in Experimental Medicine and Biology, 2020, 1249, 15-37.	0.8	3
137	Biomimetic sponge using duckâ€™s feet derived collagen and hydroxyapatite to promote bone regeneration. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 769-782.	1.9	3
138	Characterization of non-solvent- and thermal-induced phase separation applied polycaprolactone/demineralized bone matrix scaffold for bone tissue engineering. In Vitro Models, 2022, 1, 197-207.	1.0	3
139	EFFECT OF PURIFIED ALGINATE MICROCAPSULES ON THE REGENERATION OF CHONDROCYTES. Biomedical Engineering - Applications, Basis and Communications, 2012, 24, 185-195.	0.3	2
140	Evaluation of the Therapeutic Potential In vitro and In vivo of the SIS/PLGA Scaffolds for Costal Cartilage Regeneration. Macromolecular Research, 2016, 24, 400-408.	1.0	2
141	Effect of Silk in Silk/PLGA Hybrid Films on Attachment and Proliferation of Human Aortic Endothelial Cells. Porrime, 2013, 37, 127-134.	0.0	2
142	Inflammatory Responses to Hydroxyapatite/Poly(lactic-co-glycolic acid) Scaffolds with Variation of Compositions. Porrime, 2014, 38, 156-163.	0.0	2
143	Dissolution Properties of Lercanidipine Solid Dispersion Manufactured Water â€" Soluble Polymer PVP K-30. Porrime, 2016, 40, 33.	0.0	2
144	Osteogenesis Differentiation of Rabbit Bone Marrow-mesenchymal Stem Cells in Silk Scaffold Loaded with Various Ratios of Hydroxyapatite. Porrime, 2016, 40, 915.	0.0	2

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145	Effect of Silk Sponge Concentrations on Skin Regeneration. Porrime, 2017, 41, 1.	0.0	2
146	Cartilage Regeneration Using Hesperidin-Containing Gellan Gum Scaffolds. Porrime, 2017, 41, 670-674.	0.0	2
147	PORCINE SMALL INTESTINAL SUBMUCOSA REDUCES THE INFLAMMATORY REACTION OF POLY(LACTIDE-CO-GLYCOLIDE) FILMS. Biomedical Engineering - Applications, Basis and Communications, 2014, 26, 1450032.	0.3	1
148	Improving Solubility of the Telmisartan that is Poorly Water Soluble by Wet Granulation and Vitrification Process. Macromolecular Research, 2018, 26, 1004-1010.	1.0	1
149	Characterization of Platelet-Rich Plasma/Gellan Gum Hydrogel Composite for Biological Performance to Induce Chondrogenesis from Adipose-Derived Stem Cells. Macromolecular Research, 2020, 28, 1098-1103.	1.0	1
150	Release Behavior of Telmisartan/Amlodipine Combination Drug According to Polymer Type. Macromolecular Research, 2021, 29, 217-223.	1.0	1
151	Enhancing Osteochondral Tissue Regeneration of Gellan Gum by Incorporating Gallus gallus var Domesticus-Derived Demineralized Bone Particle. Advances in Experimental Medicine and Biology, 2020, 1250, 79-93.	0.8	1
152	Effects of Demineralized Bone Particle Loaded Poly(lactic-co-glycolic acid) Scaffolds on the Attachment and Proliferation of Costal Cartilage Cells. Porrime, 2013, 37, 632-637.	0.0	1
153	Regeneration of Intervertebral Disc Using Poly(lactic-co-glycolic acid) Scaffolds Included Demineralized Bone Particle In Vivo. Porrime, 2013, 37, 669-676.	0.0	1
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