

# Gilson Khang

## List of Publications by Year in descending order

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164  
papers

4,421  
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101384

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166  
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166  
docs citations

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times ranked

5789  
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#	ARTICLE	IF	CITATIONS
1	Prospects of collagen scaffolds for muscle regeneration. , 2022, , 347-361.		1
2	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
3	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
4	Characterization of Taurine/Silk Fibroin Blend Film for Application as a Carrier for Corneal Endothelial Cell Transplantation. Macromolecular Research, 2022, 30, 254-260.	1.0	1
5	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
6	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
7	Î²-Cyclodextrin/Triclosan Complex-Grafted Methacrylated Glycol Chitosan Hydrogel by Photocrosslinking via Visible Light Irradiation for a Tissue Bio-Adhesive. International Journal of Molecular Sciences, 2021, 22, 700.	1.8	11
8	Fucoxanthin Suppresses Osteoclastogenesis via Modulation of MAP Kinase and Nrf2 Signaling. Marine Drugs, 2021, 19, 132.	2.2	20
9	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
10	Pluronic F-127/Silk Fibroin for Enhanced Mechanical Property and Sustained Release Drug for Tissue Engineering Biomaterial. Materials, 2021, 14, 1287.	1.3	19
11	Release Behavior of Telmisartan/Amlodipine Combination Drug According to Polymer Type. Macromolecular Research, 2021, 29, 217-223.	1.0	1
12	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
13	Improvement of Medication Adherence and Controlled Drug Release by Optimized Acetaminophen Formulation. Macromolecular Research, 2021, 29, 342-350.	1.0	0
14	Development and Evaluation of Gellan Gum/Silk Fibroin/Chondroitin Sulfate Ternary Injectable Hydrogel for Cartilage Tissue Engineering. Biomolecules, 2021, 11, 1184.	1.8	29
15	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
16	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
17	Enhanced Silk Fibroin-Based Film Scaffold Using Curcumin for Corneal Endothelial Cell Regeneration. Macromolecular Research, 2021, 29, 713-719.	1.0	1
18	Fabrication of POX/PLGA Scaffold for the Potential Application of Tissue Engineering and Cell Transplantation. Macromolecular Research, 2020, 28, 196-202.	1.0	8

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19	Ginseng compound K incorporated porous Chitosan/biphasic calcium phosphate composite microsphere for bone regeneration. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 1024-1029.	3.6	13
20	A BMSCsâ€laden quercetin/duck's feet collagen/hydroxyapatite sponge for enhanced bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 784-794.	2.1	39
21	Alleviated Side Effects and Improved Efficiency of Omeprazole Using Oral Thin Film: In Vitro Evaluation. <i>Macromolecular Research</i> , 2020, 28, 417-424.	1.0	6
22	Preparation and characterization of an injectable dexamethasone-cyclodextrin complexes-loaded gellan gum hydrogel for cartilage tissue engineering. <i>Journal of Controlled Release</i> , 2020, 327, 747-765.	4.8	36
23	Progress in Silk Fibroin Based Composite Scaffold/Hydrogel: Silk Fibroin/PEG Hydrogel for the RPE Regeneration a Promising Biomaterial for Clinical Application. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	6
24	Fabrication and Characterization of Silk Fibroin Microfiber-Incorporated Bone Marrow Stem Cell Spheroids to Promote Cellâ€Cell Interaction and Osteogenesis. <i>ACS Omega</i> , 2020, 5, 18021-18027.	1.6	12
25	Application of double network of gellan gum and pullulan for bone marrow stem cells differentiation towards chondrogenesis by controlling viscous substrates. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1592-1603.	1.3	13
26	Characterization of Gelatin/Gellan Gum/Glycol Chitosan Ternary Hydrogel for Retinal Pigment Epithelial Tissue Reconstruction Materials. <i>ACS Applied Bio Materials</i> , 2020, 3, 6079-6087.	2.3	25
27	Anti-Inflammatory Properties of Injectable Betamethasone-Loaded Tyramine-Modified Gellan Gum/Silk Fibroin Hydrogels. <i>Biomolecules</i> , 2020, 10, 1456.	1.8	26
28	Development of fluorescein isothiocyanate conjugated gellan gum for application of bioimaging for biomedical application. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2804-2812.	3.6	9
29	Evaluation of Hyaluronic Acid/Agarose Hydrogel for Cartilage Tissue Engineering Biomaterial. <i>Macromolecular Research</i> , 2020, 28, 979-985.	1.0	20
30	Eggshell Membrane/Gellan Gum Composite Hydrogels with Increased Degradability, Biocompatibility, and Anti-Swelling Properties for Effective Regeneration of Retinal Pigment Epithelium. <i>Polymers</i> , 2020, 12, 2941.	2.0	13
31	Characterization of Platelet-Rich Plasma/Gellan Gum Hydrogel Composite for Biological Performance to Induce Chondrogenesis from Adipose-Derived Stem Cells. <i>Macromolecular Research</i> , 2020, 28, 1098-1103.	1.0	1
32	Sustained-Released Formulation of Nifedipine Solid Dispersion with Various Polymers. <i>Macromolecular Research</i> , 2020, 28, 553-557.	1.0	4
33	Natural Sources and Applications of Demineralized Bone Matrix in the Field of Bone and Cartilage Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1249, 3-14.	0.8	15
34	Characterization and Potential of a Bilayered Hydrogel of Gellan Gum and Demineralized Bone Particles for Osteochondral Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34703-34715.	4.0	19
35	Exosome mediated transfer of miRNAâ€140 promotes enhanced chondrogenic differentiation of bone marrow stem cells for enhanced cartilage repair and regeneration. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3642-3652.	1.2	41
36	Accelerating bone defects healing in calvarial defect model using 3D cultured bone marrowâ€derived mesenchymal stem cells on demineralized bone particle scaffold. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 563-574.	1.3	0

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37	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
38	Recent Advances in Natural Gum-Based Biomaterials for Tissue Engineering and Regenerative Medicine: A Review. Polymers, 2020, 12, 176.	2.0	122
39	Advanced gellan gum-based glycol chitosan hydrogel for cartilage tissue engineering biomaterial. International Journal of Biological Macromolecules, 2020, 158, 452-460.	3.6	40
40	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
41	Application of Gellan Gum-Based Scaffold for Regenerative Medicine. Advances in Experimental Medicine and Biology, 2020, 1249, 15-37.	0.8	3
42	Bone Regeneration Using Duck's Feet-Derived Collagen Scaffold as an Alternative Collagen Source. Advances in Experimental Medicine and Biology, 2020, 1250, 3-13.	0.8	1
43	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
44	UV-Irradiated RPE Cells Assist Differentiation of Bone Marrow Derived Mesenchymal Stem Cells into RPE Cells Under a Direct Co-Culture Environment. Macromolecular Research, 2019, 27, 781-788.	1.0	0
45	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
46	Injectable taurine-loaded alginate hydrogels for retinal pigment epithelium (RPE) regeneration. Materials Science and Engineering C, 2019, 103, 109787.	3.8	26
47	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
48	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
49	Improved Rapid Action of Dapoxetine Hydrochloride & L-arginine Solid Dispersion Using Film Formulation. Macromolecular Research, 2019, 27, 354-359.	1.0	3
50	Evaluation of Cartilage Regeneration in Gellan Gum/agar Blended Hydrogel with Improved Injectability. Macromolecular Research, 2019, 27, 558-564.	1.0	14
51	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
52	Biological Role of Gellan Gum in Improving Scaffold Drug Delivery, Cell Adhesion Properties for Tissue Engineering Applications. Molecules, 2019, 24, 4514.	1.7	72
53	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
54	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

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55	Characterization of surface modified glycerol/silk fibroin film for application to corneal endothelial cell regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 263-275.	1.9	20
56	Evaluation of silymarin/duck's feet-derived collagen/hydroxyapatite sponges for bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2019, 97, 347-355.	3.8	22
57	Improvement of islet function and survival by integration of perfluorodecalin into microcapsules <i>in vivo</i> and <i>in vitro</i> . <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e2110-e2122.	1.3	13
58	Composite scaffold of micronized porcine cartilage/poly(lactic acid-co-glycolic acid) enhances anti-inflammatory effect. <i>Materials Science and Engineering C</i> , 2018, 88, 46-52.	3.8	11
59	Three-dimensional duck's feet collagen/PLGA scaffold for chondrification: role of pore size and porosity. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 932-941.	1.9	10
60	Functionalized silk fibroin film scaffold using $\beta$ -Carotene for cornea endothelial cell regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 340-346.	2.5	40
61	Nature-derived epigallocatechin gallate/duck's feet collagen/hydroxyapatite composite sponges for enhanced bone tissue regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 984-996.	1.9	13
62	Hydrogen peroxide-responsive engineered polyoxalate nanoparticles for enhanced wound healing. <i>Macromolecular Research</i> , 2018, 26, 40-47.	1.0	16
63	Acid-activatable oxidative stress-inducing polysaccharide nanoparticles for anticancer therapy. <i>Journal of Controlled Release</i> , 2018, 269, 235-244.	4.8	56
64	New fabrication method of silk fibroin plate and screw based on a centrifugal casting technique. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2221-2229.	1.3	6
65	Silk Fibroin-Based Scaffold for Bone Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1077, 371-387.	0.8	41
66	Reactive Oxygen Species Responsive Naturally Occurring Phenolic-Based Polymeric Prodrug. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1078, 291-301.	0.8	6
67	Dual Imaging-Guided Oxidative-Photothermal Combination Anticancer Therapeutics. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 40424-40433.	4.0	12
68	Improving Solubility of the Telmisartan that is Poorly Water Soluble by Wet Granulation and Vitrification Process. <i>Macromolecular Research</i> , 2018, 26, 1004-1010.	1.0	1
69	Quercetin Inlaid Silk Fibroin/Hydroxyapatite Scaffold Promotes Enhanced Osteogenesis. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32955-32964.	4.0	53
70	Enhanced retinal pigment epithelium (RPE) regeneration using curcumin/alginate hydrogels: In vitro evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 546-552.	3.6	20
71	Biofunctionalized Lysophosphatidic Acid/Silk Fibroin Film for Cornea Endothelial Cell Regeneration. <i>Nanomaterials</i> , 2018, 8, 290.	1.9	24
72	Evaluation of Saponin Loaded Gellan Gum Hydrogel Scaffold for Cartilage Regeneration. <i>Macromolecular Research</i> , 2018, 26, 724-729.	1.0	13

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73	Effect of Cartilage Regeneration on Gellan Gum and Silk Fibroin. <i>Porrime</i> , 2018, 42, 298-302.	0.0	3
74	Collagen type I-PLGA film as an efficient substratum for corneal endothelial cells regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2471-2478.	1.3	21
75	Bioengineered porous composite curcumin/silk scaffolds for cartilage regeneration. <i>Materials Science and Engineering C</i> , 2017, 78, 571-578.	3.8	45
76	Dual Stimuli-Activatable Oxidative Stress Amplifying Agent as a Hybrid Anticancer Prodrug. <i>Bioconjugate Chemistry</i> , 2017, 28, 968-978.	1.8	28
77	Bioengineered Osteoinductive <i>Broussonetia kazinoki</i> /Silk Fibroin Composite Scaffolds for Bone Tissue Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 1384-1394.	4.0	42
78	In vivo bone regeneration evaluation of duck's feet collagen/PLGA scaffolds in rat calvarial defect. <i>Macromolecular Research</i> , 2017, 25, 994-999.	1.0	19
79	Osteogenesis evaluation of duck's feet-derived collagen/hydroxyapatite sponges immersed in dexamethasone. <i>Biomaterials Research</i> , 2017, 21, 2.	3.2	14
80	Enhanced osteogenesis of $\beta$ -tricalcium phosphate reinforced silk fibroin scaffold for bone tissue biofabrication. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 14-23.	3.6	47
81	Effects of small intestinal submucosa content on the adhesion and proliferation of retinal pigment epithelial cells on SIS-PLGA films. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 99-108.	1.3	10
82	Effect of pore sizes of PLGA scaffolds on mechanical properties and cell behaviour for nucleus pulposus regeneration <i>in vivo</i> . <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 44-57.	1.3	56
83	Effect of Silk Sponge Concentrations on Skin Regeneration. <i>Porrime</i> , 2017, 41, 1.	0.0	2
84	Evaluation of Gelatin and Gellan Gum Blended Hydrogel for Cartilage Regeneration. <i>Porrime</i> , 2017, 41, 619-623.	0.0	3
85	Cartilage Regeneration Using Hesperidin-Containing Gellan Gum Scaffolds. <i>Porrime</i> , 2017, 41, 670-674.	0.0	2
86	Osteogenic Differentiation of Rabbit Bone Marrow Mesenchymal Stem Cell in Several Natural Source Biomaterials/PLGA Hybrid Scaffolds. <i>Porrime</i> , 2017, 41, 867-873.	0.0	1
87	A Comprehensive Study on Cartilage Regeneration Using Gellan-gum/Chondroitin Sulfate Hybrid Hydrogels. <i>Porrime</i> , 2017, 41, 962-966.	0.0	3
88	Long-term Efficacy and Biocompatibility of Encapsulated Islet Transplantation With Chitosan-Coated Alginate Capsules in Mice and Canine Models of Diabetes. <i>Transplantation</i> , 2016, 100, 334-343.	0.5	42
89	Skin regeneration using duck's feet derived collagen and poly(vinyl alcohol) scaffold. <i>Macromolecular Research</i> , 2016, 24, 359-365.	1.0	10
90	Evaluation of the Therapeutic Potential In vitro and In vivo of the SIS/PLGA Scaffolds for Costal Cartilage Regeneration. <i>Macromolecular Research</i> , 2016, 24, 400-408.	1.0	2

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91	Inflammatory response study of gellan gum impregnated duck's feet derived collagen sponges. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 1495-1506.	1.9	12
92	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
93	Fabrication of duck's feet collagen-silk hybrid biomaterial for tissue engineering. International Journal of Biological Macromolecules, 2016, 85, 442-450.	3.6	32
94	Dissolution Properties of Lercanidipine Solid Dispersion Manufactured Water Soluble Polymer PVP K-30. Porphime, 2016, 40, 33.	0.0	2
95	Effect of Degumming Time of Silk Films on Growth of Corneal Endothelial Cells for Tissue Engineered Endothelialized Neo-Corneas. Porphime, 2016, 40, 181.	0.0	1
96	Evaluation of Osteogenesis on Duck's Feet Derived Collagen and Demineralized Bone Particles Sponges. Porphime, 2016, 40, 858.	0.0	3
97	Osteogenesis Differentiation of Rabbit Bone Marrow-mesenchymal Stem Cells in Silk Scaffold Loaded with Various Ratios of Hydroxyapatite. Porphime, 2016, 40, 915.	0.0	2
98	Recent Advances in Regenerative Approaches to Intervertebral Disc Degeneration. Biosystems and Biorobotics, 2016, , 427-444.	0.2	0
99	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
100	Hydrogen peroxide-activatable antioxidant prodrug as a targeted therapeutic agent for ischemia-reperfusion injury. Scientific Reports, 2015, 5, 16592.	1.6	57
101	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
102	Effect of pore sizes of silk scaffolds for cartilage tissue engineering. Macromolecular Research, 2015, 23, 1091-1097.	1.0	51
103	Vanillin and Vanillin Analogs Relax Porcine Coronary and Basilar Arteries by Inhibiting L-Type Ca <sup>2+</sup> Channels. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 14-22.	1.3	21
104	Effects of purified alginate sponge on the regeneration of chondrocytes:in vitro and in vivo. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 181-195.	1.9	13
105	Amplification of oxidative stress by a dual stimuli-responsive hybrid drug enhances cancer cell death. Nature Communications, 2015, 6, 6907.	5.8	378
106	Silk fibroin film as an efficient carrier for corneal endothelial cells regeneration. Macromolecular Research, 2015, 23, 189-195.	1.0	12
107	Inhibition of Kinin B1 Receptors Attenuates Pulmonary Hypertension and Vascular Remodeling. Hypertension, 2015, 66, 906-912.	1.3	18
108	Bioengineered neo-corneal endothelium using collagen type-I coated silk fibroin film. Colloids and Surfaces B: Biointerfaces, 2015, 136, 394-401.	2.5	36



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109	Effect of demineralized bone particle/poly(lactic-co-glycolic acid) scaffolds on the attachment and proliferation of mesenchymal stem cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 92-110.	1.9	8
110	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> . <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1067-1077.	1.3	38
111	Effect of Duck's Feet Derived Collagen Sponge on Skin Regeneration: In Vitro Study. <i>Porrime</i> , 2015, 39, 493-498.	0.0	5
112	Characterization and Effect of Inflammatory Reaction of Duck-Feet Derived Collagen/Poly(lactic-co-glycolide)(PLGA) Hybrid Scaffold. <i>Porrime</i> , 2015, 39, 837.	0.0	5
113	Osteogenic Effect of Hybrid Scaffolds Composed of Duck Feet Collagen and PLGA. <i>Porrime</i> , 2015, 39, 846.	0.0	5
114	Recent advances in tissue-engineered corneal regeneration. <i>Inflammation and Regeneration</i> , 2014, 34, 004-014.	1.5	8
115	Effect of small intestinal submucosa sponges on the attachment and proliferation behavior of Schwann cells. <i>Macromolecular Research</i> , 2014, 22, 1253-1260.	1.0	4
116	PORCINE SMALL INTESTINAL SUBMUCOSA REDUCES THE INFLAMMATORY REACTION OF POLY(LACTIDE-CO-GLYCOLIDE) FILMS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2014, 26, 1450032.	0.3	1
117	Fabrication of poly(lactic-co-glycolic acid) scaffolds containing silk fibroin scaffolds for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2713-2724.	2.1	19
118	Angiotensin-(1-7) Augments Endothelium-dependent Relaxations of Porcine Coronary Arteries to Bradykinin by Inhibiting Angiotensin-Converting Enzyme 1. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 453-460.	0.8	26
119	Development of poly(lactide-co-glycolide) scaffold-impregnated small intestinal submucosa with pores that stimulate extracellular matrix production in disc regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014, 8, 279-290.	1.3	16
120	Fabrication of transparent silk fibroin film for the regeneration of corneal endothelial cells; preliminary study. <i>Macromolecular Research</i> , 2014, 22, 297-303.	1.0	11
121	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> . <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 625-640.	1.9	10
122	Antioxidant polymeric prodrug microparticles as a therapeutic system for acute liver failure. <i>Biomaterials</i> , 2014, 35, 3895-3902.	5.7	46
123	Factors Affecting Successful Isolation of Human Corneal Endothelial Cells for Clinical Use. <i>Cell Transplantation</i> , 2014, 23, 845-854.	1.2	30
124	Inflammatory Responses to Hydroxyapatite/Poly(lactic-co-glycolic acid) Scaffolds with Variation of Compositions. <i>Porrime</i> , 2014, 38, 156-163.	0.0	2
125	Tissue Engineered Catilage Reconstruction with Alginate Sponge Containing Demineralized Bone Particles. <i>Porrime</i> , 2014, 38, 278-285.	0.0	3
126	Effect of hyaluronic acid (HA) in a HA/PLGA scaffold on annulus fibrosus regeneration: In vivo tests. <i>Macromolecular Research</i> , 2013, 21, 1075-1082.	1.0	10



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127	Dual Acid-Responsive Micelle-Forming Anticancer Polymers as New Anticancer Therapeutics. <i>Advanced Functional Materials</i> , 2013, 23, 5091-5097.	7.8	83
128	Preparation, characterization and in vitro dissolution of aceclofenac-loaded PVP solid dispersions prepared by spray drying or rotary evaporation method. <i>Journal of Pharmaceutical Investigation</i> , 2013, 43, 107-113.	2.7	4
129	Hydrogen peroxide-responsive copolyoxalate nanoparticles for detection and therapy of ischemia-reperfusion injury. <i>Journal of Controlled Release</i> , 2013, 172, 1102-1110.	4.8	72
130	Reduction of inflammatory reaction in the use of purified alginate microcapsules. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 1084-1098.	1.9	29
131	Inflammation-Responsive Antioxidant Nanoparticles Based on a Polymeric Prodrug of Vanillin. <i>Biomacromolecules</i> , 2013, 14, 1618-1626.	2.6	137
132	H <sub>2</sub> O <sub>2</sub> -responsive molecularly engineered polymer nanoparticles as ischemia/reperfusion-targeted nanotherapeutic agents. <i>Scientific Reports</i> , 2013, 3, 2233.	1.6	112
133	Osteogenic Differentiation of Bone Marrow Stem Cell in Poly(Lactic-co-Glycolic Acid) Scaffold Loaded Various Ratio of Hydroxyapatite. <i>International Journal of Stem Cells</i> , 2013, 6, 67-74.	0.8	24
134	Effect of Silk in Silk/PLGA Hybrid Films on Attachment and Proliferation of Human Aortic Endothelial Cells. <i>Porrime</i> , 2013, 37, 127-134.	0.0	2
135	Effects of Demineralized Bone Particle Loaded Poly(lactic-co-glycolic acid) Scaffolds on the Attachment and Proliferation of Costal Cartilage Cells. <i>Porrime</i> , 2013, 37, 632-637.	0.0	1
136	Regeneration of Intervertebral Disc Using Poly(lactic-co-glycolic acid) Scaffolds Included Demineralized Bone Particle In Vivo. <i>Porrime</i> , 2013, 37, 669-676.	0.0	1
137	EFFECT OF PURIFIED ALGINATE MICROCAPSULES ON THE REGENERATION OF CHONDROCYTES. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2012, 24, 185-195.	0.3	2
138	Effect of demineralized bone particles (DBP) on cell growth and ECM secretion in PLGA/DBP hybrid scaffold for cartilage tissue engineering. <i>Macromolecular Research</i> , 2012, 20, 1044-1053.	1.0	4
139	Demineralized Bone Particle Impregnated Poly(L-Lactide-co-Glycolide) Scaffold for Application in Tissue-Engineered Intervertebral Discs. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 2153-2170.	1.9	5
140	Chemiluminescent and Antioxidant Micelles as Theranostic Agents for Hydrogen Peroxide Associated-inflammatory Diseases. <i>Advanced Functional Materials</i> , 2012, 22, 4038-4043.	7.8	70
141	Neurogenesis of bone marrow-derived mesenchymal stem cells onto $\beta$ -mercaptoethanol-loaded PLGA film. <i>Cell and Tissue Research</i> , 2012, 347, 713-724.	1.5	13
142	Biodegradable polyoxalate and copolyoxalate particles for drug-delivery applications. <i>Therapeutic Delivery</i> , 2011, 2, 1407-1417.	1.2	11
143	Reduction of oxidative stress by p-hydroxybenzyl alcohol-containing biodegradable polyoxalate nanoparticulate antioxidant. <i>Biomaterials</i> , 2011, 32, 3021-3029.	5.7	74
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