Jeong-eun Song

List of Publications by Year
in descending order

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107	1,344	361045	414034
papers	citations	20	32
		h-index	g-index

107	107	107	1699
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photocatalytic degradation of methyl orange dye by ZnO nanoneedle under UV irradiation. Materials Letters, 2014, 136, 171-174.	1.3	95
2	Biological Role of Gellan Gum in Improving Scaffold Drug Delivery, Cell Adhesion Properties for Tissue Engineering Applications. Molecules, 2019, 24, 4514.	1.7	72
3	Effect of pore sizes of PLGA scaffolds on mechanical properties and cell behaviour for nucleus pulposus regenerationin vivo. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 44-57.	1.3	56
4	Quercetin Inlaid Silk Fibroin/Hydroxyapatite Scaffold Promotes Enhanced Osteogenesis. ACS Applied Materials & Interfaces, 2018, 10, 32955-32964.	4.0	53
5	Effect of pore sizes of silk scaffolds for cartilage tissue engineering. Macromolecular Research, 2015, 23, 1091-1097.	1.0	51
6	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
7	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
8	Silk Fibroin-Based Scaffold for Bone Tissue Engineering. Advances in Experimental Medicine and Biology, 2018, 1077, 371-387.	0.8	41
9	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
10	Advanced gellan gum-based glycol chitosan hydrogel for cartilage tissue engineering biomaterial. International Journal of Biological Macromolecules, 2020, 158, 452-460.	3.6	40
11	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
12	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
13	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
14	Fabrication of duckâ€™s feet collagenâ€“silk hybrid biomaterial for tissue engineering. International Journal of Biological Macromolecules, 2016, 85, 442-450.	3.6	32
15	Reduction of inflammatory reaction in the use of purified alginate microcapsules. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1084-1098.	1.9	29
16	Injectable taurine-loaded alginate hydrogels for retinal pigment epithelium (RPE) regeneration. Materials Science and Engineering C, 2019, 103, 109787.	3.8	26
17	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
18	Biofunctionalized Lysophosphatidic Acid/Silk Fibroin Film for Cornea Endothelial Cell Regeneration. Nanomaterials, 2018, 8, 290.	1.9	24

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19	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
20	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
21	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
22	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
23	Evaluation of Hyaluronic Acid/Agarose Hydrogel for Cartilage Tissue Engineering Biomaterial. Macromolecular Research, 2020, 28, 979-985.	1.0	20
24	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
25	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
26	Pluronic F-127/Silk Fibroin for Enhanced Mechanical Property and Sustained Release Drug for Tissue Engineering Biomaterial. Materials, 2021, 14, 1287.	1.3	19
27	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
28	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
29	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
30	Osteogenesis evaluation of duckâ€™s feet-derived collagen/hydroxyapatite sponges immersed in dexamethasone. Biomaterials Research, 2017, 21, 2.	3.2	14
31	Evaluation of Cartilage Regeneration in Gellan Gum/agar Blended Hydrogel with Improved Injectability. Macromolecular Research, 2019, 27, 558-564.	1.0	14
32	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
33	ZnO nanonails for photocatalytic degradation of crystal violet dye under UV irradiation. AIMS Materials Science, 2017, 4, 267-276.	0.7	14
34	Effects of purified alginate sponge on the regeneration of chondrocytes:in vitroandin vivo. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 181-195.	1.9	13
35	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
36	Evaluation of Saponin Loaded Gellan Gum Hydrogel Scaffold for Cartilage Regeneration. Macromolecular Research, 2018, 26, 724-729.	1.0	13

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37	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
38	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
39	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
40	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
41	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
42	Skin regeneration using duckâ€™s feet derived collagen and poly(vinyl alcohol) scaffold. Macromolecular Research, 2016, 24, 359-365.	1.0	10
43	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
44	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
45	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
46	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
47	Recent advances in tissue-engineered corneal regeneration. Inflammation and Regeneration, 2014, 34, 004-014.	1.5	8
48	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
49	Fabrication of POX/PLGA Scaffold for the Potential Application of Tissue Engineering and Cell Transplantation. Macromolecular Research, 2020, 28, 196-202.	1.0	8
50	Alleviated Side Effects and Improved Efficiency of Omeprazole Using Oral Thin Film: In Vitro Evaluation. Macromolecular Research, 2020, 28, 417-424.	1.0	6
51	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
52	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
53	Release behavior of cilostazol according to the fabrication methods and ratio of HPMC/PVP. Macromolecular Research, 2013, 21, 971-976.	1.0	5
54	Effect of Duck's Feet Derived Collagen Sponge on Skin Regeneration: In Vitro Study. Porrime, 2015, 39, 493-498.	0.0	5

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55	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
56	Osteogenic Effect of Hybrid Scaffolds Composed of Duck Feet Collagen and PLGA. Porrime, 2015, 39, 846.	0.0	5
57	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
58	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
59	Effect of small intestinal submucosa sponges on the attachment and proliferation behavior of Schwann cells. Macromolecular Research, 2014, 22, 1253-1260.	1.0	4
60	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
61	Sustained-Released Formulation of Nifedipine Solid Dispersion with Various Polymers. Macromolecular Research, 2020, 28, 553-557.	1.0	4
62	Improved Rapid Action of Dapoxetine Hydrochloride & L-arginine Solid Dispersion Using Film Formulation. Macromolecular Research, 2019, 27, 354-359.	1.0	3
63	Tissue Engineered Catilage Reconstruction with Alginate Sponge Containing Demineralized Bone Particles. Porrime, 2014, 38, 278-285.	0.0	3
64	Evaluation of Osteogenesis on Duck`s Feet Derived Collagen and Demineralized Bone Particles Sponges. Porrime, 2016, 40, 858.	0.0	3
65	Evaluation of Gelatin and Gellan Gum Blended Hydrogel for Cartilage Regeneration. Porrime, 2017, 41, 619-623.	0.0	3
66	A Comprehensive Study on Cartilage Regeneration Using Gellan-gum/Chondroitin Sulfate Hybrid Hydrogels. Porrime, 2017, 41, 962-966.	0.0	3
67	Effect of Cartilage Regeneration on Gellan Gum and Silk Fibroin. Porrime, 2018, 42, 298-302.	0.0	3
68	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
69	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
70	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
71	Biomimetic Approaches for Regenerative Engineering. , 2019, , 483-495.		2
72	Effect of Demineralized Bone Particle Gel Penetrated into Poly(lactic-co-glycolic acid) Scaffold on the Regeneration of Chondrocyte: In Vivo Experiment. Porrime, 2012, 36, 789-794.	0.0	2

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73	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
74	Dissolution Properties of Lercanidipine Solid Dispersion Manufactured Water â€“ Soluble Polymer PVP K-30. Porrime, 2016, 40, 33.	0.0	2
75	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
76	Effect of Silk Sponge Concentrations on Skin Regeneration. Porrime, 2017, 41, 1.	0.0	2
77	Cartilage Regeneration Using Hesperidin-Containing Gellan Gum Scaffolds. Porrime, 2017, 41, 670-674.	0.0	2
78	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
79	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
80	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
81	Release Behavior of Telmisartan/Amlodipine Combination Drug According to Polymer Type. Macromolecular Research, 2021, 29, 217-223.	1.0	1
82	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
83	Effects of PLGA/Fibrin Scaffolds on Attachment and Proliferation of Costal Cartilage Cells. Porrime, 2013, 37, 141-147.	0.0	1
84	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
85	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
86	Effect of Degumming Time of Silk Films on Growth of Corneal Endothelial Cells for Tissue Engineered Endothelialized Neo-Corneas. Porrime, 2016, 40, 181.	0.0	1
87	Osteogenic Differentiation of Rabbit Bone Marrow Mesenchymal Stem Cell in Several Natural Source Biomaterials/PLGA Hybrid Scaffolds. Porrime, 2017, 41, 867-873.	0.0	1
88	Formulation of Double-layer Tadalafil and Amlodipine Complex Tablets to Treat Erectile Dysfunction and Hypertension. Porrime, 2019, 43, 274-281.	0.0	1
89	Evaluation of Lansoprazole Enteric Hard Capsule Encapsulated by Sodium Alginic Acid. Porrime, 2019, 43, 415-419.	0.0	1
90	Bone Regeneration Using Duckâ€™s Feet-Derived Collagen Scaffold as an Alternative Collagen Source. Advances in Experimental Medicine and Biology, 2020, 1250, 3-13.	0.8	1

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91	Enhanced Silk Fibroin-Based Film Scaffold Using Curcumin for Corneal Endothelial Cell Regeneration. Macromolecular Research, 2021, 29, 713-719.	1.0	1
92	Prospects of collagen scaffolds for muscle regeneration. , 2022, , 347-361.		1
93	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
94	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
95	Accelerating bone defects healing in calvarial defect model using 3D cultured bone marrowâ€derived mesenchymal stem cells on demineralized bone particle scaffold. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 563-574.	1.3	0
96	Improvement of Medication Adherence and Controlled Drug Release by Optimized Acetaminophen Formulation. Macromolecular Research, 2021, 29, 342-350.	1.0	0
97	Effect of PLGA Scaffold Containing Demineralized Bone Solution for Articular Cartilage Tissue Engineering: In Vitro Test. Porrime, 2011, 35, 499-504.	0.0	0
98	Effect of Ratio of Demineralized Bone Powder with Alginate Microcapsules on Articular Cartilage Regeneration. Porrime, 2012, 36, 768-775.	0.0	0
99	Effect of Inflammatory Responses to PLGA Films Incorporated Hesperidin: In vitro and In vivo Results. Porrime, 2013, 37, 323-331.	0.0	0
100	Effect of Extracellular Matrix on the Growth Behavior of Corneal Endothelial Cells to Poly(lactic-co-glycolic acid) Film. Porrime, 2014, 38, 702-707.	0.0	0
101	Recent Advances in Regenerative Approaches to Intervertebral Disc Degeneration. Biosystems and Biorobotics, 2016, , 427-444.	0.2	0
102	Sustained Release Formulation and Characterization of Nifedipine Three-layered Tablet Using Various Polymers. Porrime, 2015, 39, 739.	0.0	0
103	Proliferation and Growth Behavior of Annulus Fibrosus Cells on Hesperidin Loaded Poly(lactide-co-glycolic acid) Scaffold. Porrime, 2015, 39, 782.	0.0	0
104	Inflammatory Response and Antioxidation on Vitamin C Impregnated Poly(lactide-co-glycolide) Scaffold. Porrime, 2016, 40, 85.	0.0	0
105	Osteogenic Differentiation of Rat Adipose Stem Cells in Demineralized Bone Particles Sponges. Porrime, 2017, 41, 13.	0.0	0
106	Characterization and Improved Dissolution Rate of Clopidogrel Solid Dispersion. Porrime, 2018, 42, 275-279.	0.0	0
107	Evaluation of Metformin Tablet Using Wet Granulation for Sustained Release. Porrime, 2019, 43, 410-414.	0.0	0