

Soon Hee Kim

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,851
citations

331259

21
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

2144
citing authors

#	ARTICLE	IF	CITATIONS
1	Precisely printable and biocompatible silk fibroin bioink for digital light processing 3D printing. <i>Nature Communications</i> , 2018, 9, 1620.	5.8	520
2	Digital light processing 3D printed silk fibroin hydrogel for cartilage tissue engineering. <i>Biomaterials</i> , 2020, 232, 119679.	5.7	295
3	4D-bioprinted silk hydrogels for tissue engineering. <i>Biomaterials</i> , 2020, 260, 120281.	5.7	160
4	3D bioprinted silk fibroin hydrogels for tissue engineering. <i>Nature Protocols</i> , 2021, 16, 5484-5532.	5.5	95
5	Near-Infrared Fluorescence Imaging for Noninvasive Trafficking of Scaffold Degradation. <i>Scientific Reports</i> , 2013, 3, 1198.	1.6	65
6	Artificial Auricular Cartilage Using Silk Fibroin and Polyvinyl Alcohol Hydrogel. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1707.	1.8	63
7	A 3D Printable Electroconductive Biocomposite Bioink Based on Silk Fibroin-Conjugated Graphene Oxide. <i>Nano Letters</i> , 2020, 20, 6873-6883.	4.5	53
8	Silk Fibroin in Wound Healing Process. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1077, 115-126.	0.8	51
9	New concept of 3D printed bone clip (polylactic acid/hydroxyapatite/silk composite) for internal fixation of bone fractures. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 894-906.	1.9	46
10	Rapidly photocurable silk fibroin sealant for clinical applications. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	40
11	NIR fluorescence for monitoring in vivo scaffold degradation along with stem cell tracking in bone tissue engineering. <i>Biomaterials</i> , 2020, 258, 120267.	5.7	40
12	Near-infrared lipophilic fluorophores for tracing tissue growth. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 014110.	1.7	38
13	Reinforced-hydrogel encapsulated hMSCs towards brain injury treatment by trans-septal approach. <i>Biomaterials</i> , 2021, 266, 120413.	5.7	35
14	Simultaneous Mapping of Pan and Sentinel Lymph Nodes for Real-Time Image-Guided Surgery. <i>Theranostics</i> , 2014, 4, 693-700.	4.6	34
15	A digital light processing 3D printed magnetic bioreactor system using silk magnetic bioink. <i>Biofabrication</i> , 2021, 13, 034102.	3.7	33
16	Highly charged cyanine fluorophores for trafficking scaffold degradation. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 014109.	1.7	24
17	In vitro and in vivo evaluation of the duck's feet collagen sponge for hemostatic applications. <i>Journal of Biomaterials Applications</i> , 2017, 32, 484-491.	1.2	24
18	Silk Fibroin Bioinks for Digital Light Processing (DLP) 3D Bioprinting. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1249, 53-66.	0.8	23

#	ARTICLE	IF	CITATIONS
19	Cytocompatibility of Modified Silk Fibroin with Glycidyl Methacrylate for Tissue Engineering and Biomedical Applications. <i>Biomolecules</i> , 2021, 11, 35.	1.8	23
20	Silk Fibroin-Based Biomaterials for Hemostatic Applications. <i>Biomolecules</i> , 2022, 12, 660.	1.8	21
21	<i>In vivo</i> degradation profile of porcine cartilage-derived extracellular matrix powder scaffolds using a non-invasive fluorescence imaging method. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 177-190.	1.9	19
22	Microplasma Jet Arrays as a Therapeutic Choice for Fungal Keratitis. <i>Scientific Reports</i> , 2018, 8, 2422.	1.6	19
23	Recirculating peritoneal dialysis system using urease-fixed silk fibroin membrane filter with spherical carbonaceous adsorbent. <i>Materials Science and Engineering C</i> , 2019, 97, 55-66.	3.8	16
24	Biocompatible fluorescent silk fibroin bioink for digital light processing 3D printing. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 317-327.	3.6	14
25	Fabrication and characterization of the porous duck's feet collagen sponge for wound healing applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 960-971.	1.9	13
26	Novel transparent collagen film patch derived from duck's feet for tympanic membrane perforation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 997-1010.	1.9	9
27	Non-invasive in vivo monitoring of transplanted stem cells in 3D-bioprinted constructs using near-infrared fluorescent imaging. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10216.	3.9	9
28	Treatment of Fungal-Infected Diabetic Wounds with Low Temperature Plasma. <i>Biomedicines</i> , 2022, 10, 27.	1.4	8
29	3D Printing and NIR Fluorescence Imaging Techniques for the Fabrication of Implants. <i>Materials</i> , 2020, 13, 4819.	1.3	6