

Jun Chen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

366
citations

758635

12
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly thermal stable RNase A@PbS/ZnS quantum dots as NIR-IIb image contrast for visualizing temporal changes of microvasculature remodeling in flap. <i>Journal of Nanobiotechnology</i> , 2022, 20, 128.	4.2	4
2	Establishment of near and non isometric anterior cruciate ligament reconstruction with artificial ligament in a rabbit model. <i>Journal of Orthopaedic Translation</i> , 2021, 29, 78-88.	1.9	2
3	<i>In vivo</i> live imaging of bone using shortwave infrared fluorescent quantum dots. <i>Nanoscale</i> , 2020, 12, 22022-22029.	2.8	16
4	Highly biosafe biomimetic stem cell membrane-disguised nanovehicles for cartilage regeneration. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8884-8893.	2.9	27
5	Tracking the <i>in vivo</i> spatio-temporal patterns of neovascularization via NIR-II fluorescence imaging. <i>Nano Research</i> , 2020, 13, 3123-3129.	5.8	14
6	Electrospun PCL/Gel-aligned scaffolds enhance the biomechanical strength in tendon repair. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4801-4810.	2.9	41
7	Visualizing the Fate of Intra-articular Injected Mesenchymal Stem Cells <i>In Vivo</i> in the Second Near-Infrared Window for the Effective Treatment of Supraspinatus Tendon Tears. <i>Advanced Science</i> , 2019, 6, 1901018.	5.6	29
8	Effect of Ultrasonication on Self-Assembled Nanostructures Formed by Amphiphilic Positive-Charged Copolymers and Negative-Charged Drug. <i>ACS Omega</i> , 2019, 4, 4540-4552.	1.6	21
9	Hydroxypropylcellulose Coating to Improve Graft-to-Bone Healing for Anterior Cruciate Ligament Reconstruction. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1793-1803.	2.6	5
10	<i>In vivo</i> and <i>in situ</i> real-time fluorescence imaging of peripheral nerves in the NIR-II window. <i>Nano Research</i> , 2019, 12, 3059-3068.	5.8	19
11	Shortwave infrared fluorescence <i>in vivo</i> imaging of nerves for minimizing the risk of intraoperative nerve injury. <i>Nanoscale</i> , 2019, 11, 19736-19741.	2.8	13
12	Bone Marrow Stem Cells-Seeded Polyethylene Terephthalate Scaffold in Repair and Regeneration of Rabbit Achilles Tendon. <i>Artificial Organs</i> , 2018, 42, 1086-1094.	1.0	18
13	Enhance the biocompatibility and osseointegration of polyethylene terephthalate ligament by plasma spraying with hydroxyapatite <i>in vitro</i> and <i>in vivo</i> . <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3609-3623.	3.3	22
14	Dual-layer aligned-random nanofibrous scaffolds for improving gradient microstructure of tendon-to-bone healing in a rabbit extra-articular model. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3481-3492.	3.3	57
15	Silk fibroin and hydroxyapatite segmented coating enhances graft ligamentization and osseointegration processes of the polyethylene terephthalate artificial ligament <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Materials Chemistry B</i> , 2018, 6, 5738-5749.	2.9	22
16	One-pot synthesis of water-soluble near-infrared fluorescence RNase A capped CuInS ₂ quantum dots for <i>in vivo</i> imaging. <i>RSC Advances</i> , 2017, 7, 50949-50954.	1.7	9
17	Real-time and long-time <i>in vivo</i> imaging in the shortwave infrared window of perforator vessels for more precise evaluation of flap perfusion. <i>Biomaterials</i> , 2016, 103, 256-264.	5.7	25
18	RGD Peptides-Conjugated Pluronic Triblock Copolymers Encapsulated with AP-2 \pm Expression Plasmid for Targeting Gastric Cancer Therapy <i>In Vitro</i> and <i>In Vivo</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 16263-16274.	1.8	11

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19	Enhanced in Vivo Delivery of 5-Fluorouracil by Ethosomal Gels in Rabbit Ear Hypertrophic Scar Model. International Journal of Molecular Sciences, 2014, 15, 22786-22800.	1.8	11