

Shaokai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

451
citations

1040056

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636
citing authors

#	ARTICLE	IF	CITATIONS
1	Pearl-inspired graphene oxide-collagen microgel with multi-layer mineralization through microarray chips for bone defect repair. <i>Materials Today Bio</i> , 2022, 15, 100307.	5.5	7
2	Graphene Oxide Functionalized Double-Layered Patch with Anti-Adhesion Ability for Abdominal Wall Defects. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3803-3818.	6.7	17
3	Implanted 3D gelatin microcryogel enables low-dose cell therapy for osteoarthritis by preserving the viability and function of umbilical cord MSCs. <i>Chemical Engineering Journal</i> , 2021, 416, 129140.	12.7	8
4	Personalized Cup Positioning Guides Improved Cup Positioning and Hip Ranges of Motion in Robotic Assisted Total Hip Arthroplasty. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 988.	4.1	3
5	Knockdown of POSTN Inhibits Osteogenic Differentiation of Mesenchymal Stem Cells From Patients With Steroid-Induced Osteonecrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 606289.	3.7	15
6	Alendronate loaded graphene oxide functionalized collagen sponge for the dual effects of osteogenesis and anti-osteoclastogenesis in osteoporotic rats. <i>Bioactive Materials</i> , 2020, 5, 859-870.	15.6	40
7	A biocompatible vascularized graphene oxide (GO)-collagen chamber with osteoinductive and anti-fibrosis effects promotes bone regeneration <i>in vivo</i> . <i>Theranostics</i> , 2020, 10, 2759-2772.	10.0	40
8	Biomimetic open porous structured core-shell microtissue with enhanced mechanical properties for bottom-up bone tissue engineering. <i>Theranostics</i> , 2019, 9, 4663-4677.	10.0	34
9	N-acetyl cysteine-loaded graphene oxide-collagen hybrid membrane for scarless wound healing. <i>Theranostics</i> , 2019, 9, 5839-5853.	10.0	78
10	Biocompatible graphene oxide-collagen composite aerogel for enhanced stiffness and in situ bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 105, 110137.	7.3	72
11	The causes and management of nonunion of femoral subtrochanteric shortening osteotomy in a THA patient: a case report. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 203.	1.9	5
12	Collagen Functionalized With Graphene Oxide Enhanced Biomimetic Mineralization and in Situ Bone Defect Repair. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44080-44091.	8.0	77
13	Off-the-Shelf Biomimetic Graphene Oxide-collagen Hybrid Scaffolds Wrapped with Osteoinductive Extracellular Matrix for the Repair of Cranial Defects in Rats. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42948-42958.	8.0	55