

Zhi-Ye Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

801
citations

566801

15
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Biphasic mineralized collagen-based composite scaffold for cranial bone regeneration in developing sheep. <i>International Journal of Energy Production and Management</i> , 2022, 9, rbac004.	1.9	12
2	The clinical results of treating Kummellâ€™s disease with mineralized collagen modified polymethyl methacrylate. <i>Journal of Biomaterials Applications</i> , 2021, 35, 1366-1371.	1.2	1
3	Tuning pore features of mineralized collagen/PCL scaffolds for cranial bone regeneration in a rat model. <i>Materials Science and Engineering C</i> , 2020, 106, 110186.	3.8	46
4	Minimally invasive injectable lumbar interbody fusion with mineralized collagen-modified PMMA bone cement: A new animal model. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2020, 18, 228080002090363.	0.7	3
5	Bioactive poly (methyl methacrylate) bone cement for the treatment of osteoporotic vertebral compression fractures. <i>Theranostics</i> , 2020, 10, 6544-6560.	4.6	41
6	Clinical observation of mineralized collagen bone grafting after curettage of benign bone tumors. <i>International Journal of Energy Production and Management</i> , 2020, 7, 567-575.	1.9	9
7	Mineralized Collagen Modified Polymethyl Methacrylate Bone Cement for Osteoporotic Compression Vertebral Fracture at 1-Year Follow-up. <i>Spine</i> , 2019, 44, 827-838.	1.0	26
8	Clinical outcome comparison of polymethylmethacrylate bone cement with and without mineralized collagen modification for osteoporotic vertebral compression fractures. <i>Medicine (United States)</i> , 2018, 97, e12204.	0.4	15
9	Integrating 3D Printing and Biomimetic Mineralization for Personalized Enhanced Osteogenesis, Angiogenesis, and Osteointegration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42146-42154.	4.0	81
10	A high-strength mineralized collagen bone scaffold for large-sized cranial bone defect repair in sheep. <i>International Journal of Energy Production and Management</i> , 2018, 5, 283-292.	1.9	41
11	Mineralized Collagen-Based Composite Bone Materials for Cranial Bone Regeneration in Developing Sheep. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1092-1099.	2.6	37
12	Clinical observations of osteoporotic vertebral compression fractures by using mineralized collagen modified polymethylmethacrylate bone cement. <i>International Journal of Energy Production and Management</i> , 2017, 4, 105-109.	1.9	7
13	Histopathological and imageological studies on clinical outcomes of mineralized collagen reconstruction rod for femoral head necrosis with one case report. <i>International Journal of Energy Production and Management</i> , 2017, 4, 243-249.	1.9	3
14	Clinical evaluations of mineralized collagen in the extraction sites preservation. <i>International Journal of Energy Production and Management</i> , 2016, 3, 41-48.	1.9	29
15	Test in canine extraction site preservations by using mineralized collagen plug with or without membrane. <i>Journal of Biomaterials Applications</i> , 2016, 30, 1285-1299.	1.2	14
16	Osteogenic Differentiation Gene Expression Profiling of hMSCs on Hydroxyapatite and Mineralized Collagen. <i>Tissue Engineering - Part A</i> , 2016, 22, 170-181.	1.6	59
17	Comparison of human mesenchymal stem cells proliferation and differentiation on poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Biomaterials Applications</i> , 2016, 30, 722-731.	1.2	17
18	A hybrid substratum for primary hepatocyte culture that enhances hepatic functionality with low serum dependency. <i>International Journal of Nanomedicine</i> , 2015, 10, 2313.	3.3	7

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19	Mineralized Collagen: Rationale, Current Status, and Clinical Applications. <i>Materials</i> , 2015, 8, 4733-4750.	1.3	79
20	Biodegradable Mineralized Collagen Plug for the Reconstruction of Craniotomy Burr-Holes: A Report of Three Cases. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 3-9.	0.1	9
21	Biomechanical evaluation of different hydroxyapatite coatings on titanium for keratoprosthesis. <i>Frontiers of Materials Science</i> , 2015, 9, 303-310.	1.1	1
22	Mechanical Properties and Cytocompatibility Improvement of Vertebroplasty PMMA Bone Cements by Incorporating Mineralized Collagen. <i>Materials</i> , 2015, 8, 2616-2634.	1.3	45
23	Biomaterials for reconstruction of cranial defects. <i>Frontiers of Materials Science</i> , 2015, 9, 346-354.	1.1	16
24	Influence of Nano-HA Coated Bone Collagen to Acrylic (Polymethylmethacrylate) Bone Cement on Mechanical Properties and Bioactivity. <i>PLoS ONE</i> , 2015, 10, e0129018.	1.1	19
25	Advances in the surface modification techniques of bone-related implants for last 10 years. <i>International Journal of Energy Production and Management</i> , 2014, 1, 67-79.	1.9	96
26	High-strength mineralized collagen artificial bone. <i>Frontiers of Materials Science</i> , 2014, 8, 53-62.	1.1	13
27	Clinical Observations on Repair of Non-Infected Bone Nonunion by Using Mineralized Collagen Graft. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 1107-1112.	0.0	22
28	Strength and fatigue properties of three-step sintered dense nanocrystal hydroxyapatite bioceramics. <i>Frontiers of Materials Science</i> , 2013, 7, 190-195.	1.1	10
29	The mineralized collagen for the reconstruction of intra-articular calcaneal fractures with trabecular defects. <i>Biomatter</i> , 2013, 3, .	2.6	43