

Zhi-Ye Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

801
citations

567281

15
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the surface modification techniques of bone-related implants for last 10 years. International Journal of Energy Production and Management, 2014, 1, 67-79.	3.7	96
2	Integrating 3D Printing and Biomimetic Mineralization for Personalized Enhanced Osteogenesis, Angiogenesis, and Osteointegration. ACS Applied Materials & Interfaces, 2018, 10, 42146-42154.	8.0	81
3	Mineralized Collagen: Rationale, Current Status, and Clinical Applications. Materials, 2015, 8, 4733-4750.	2.9	79
4	Osteogenic Differentiation Gene Expression Profiling of hMSCs on Hydroxyapatite and Mineralized Collagen. Tissue Engineering - Part A, 2016, 22, 170-181.	3.1	59
5	Tuning pore features of mineralized collagen/PCL scaffolds for cranial bone regeneration in a rat model. Materials Science and Engineering C, 2020, 106, 110186.	7.3	46
6	Mechanical Properties and Cytocompatibility Improvement of Vertebroplasty PMMA Bone Cements by Incorporating Mineralized Collagen. Materials, 2015, 8, 2616-2634.	2.9	45
7	The mineralized collagen for the reconstruction of intra-articular calcaneal fractures with trabecular defects. Biomatter, 2013, 3, .	2.6	43
8	A high-strength mineralized collagen bone scaffold for large-sized cranial bone defect repair in sheep. International Journal of Energy Production and Management, 2018, 5, 283-292.	3.7	41
9	Bioactive poly (methyl methacrylate) bone cement for the treatment of osteoporotic vertebral compression fractures. Theranostics, 2020, 10, 6544-6560.	10.0	41
10	Mineralized Collagen-Based Composite Bone Materials for Cranial Bone Regeneration in Developing Sheep. ACS Biomaterials Science and Engineering, 2017, 3, 1092-1099.	5.2	37
11	Clinical evaluations of mineralized collagen in the extraction sites preservation. International Journal of Energy Production and Management, 2016, 3, 41-48.	3.7	29
12	Mineralized Collagen Modified Polymethyl Methacrylate Bone Cement for Osteoporotic Compression Vertebral Fracture at 1-Year Follow-up. Spine, 2019, 44, 827-838.	2.0	26
13	Clinical Observations on Repair of Non-Infected Bone Nonunion by Using Mineralized Collagen Graft. Journal of Biomaterials and Tissue Engineering, 2014, 4, 1107-1112.	0.1	22
14	Influence of Nano-HA Coated Bone Collagen to Acrylic (Polymethylmethacrylate) Bone Cement on Mechanical Properties and Bioactivity. PLoS ONE, 2015, 10, e0129018.	2.5	19
15	Comparison of human mesenchymal stem cells proliferation and differentiation on poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biomaterials Applications, 2016, 30, 722-731.	2.4	17
16	Biomaterials for reconstruction of cranial defects. Frontiers of Materials Science, 2015, 9, 346-354.	2.2	16
17	Clinical outcome comparison of polymethylmethacrylate bone cement with and without mineralized collagen modification for osteoporotic vertebral compression fractures. Medicine (United States), 2018, 97, e12204.	1.0	15
18	Test in canine extraction site preservations by using mineralized collagen plug with or without membrane. Journal of Biomaterials Applications, 2016, 30, 1285-1299.	2.4	14

#	ARTICLE	IF	CITATIONS
19	High-strength mineralized collagen artificial bone. <i>Frontiers of Materials Science</i> , 2014, 8, 53-62.	2.2	13
20	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.	3.7	12
21	Strength and fatigue properties of three-step sintered dense nanocrystal hydroxyapatite bioceramics. <i>Frontiers of Materials Science</i> , 2013, 7, 190-195.	2.2	10
22	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
23	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.	3.7	9
24	A hybrid substratum for primary hepatocyte culture that enhances hepatic functionality with low serum dependency. <i>International Journal of Nanomedicine</i> , 2015, 10, 2313.	6.7	7
25	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.	3.7	7
26	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.	3.7	3
27	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.	1.6	3
28	Biomechanical evaluation of different hydroxyapatite coatings on titanium for keratoprosthesis. <i>Frontiers of Materials Science</i> , 2015, 9, 303-310.	2.2	1
29	The clinical results of treating Kummellâ€™s disease with mineralized collagen modified polymethyl methacrylate. <i>Journal of Biomaterials Applications</i> , 2021, 35, 1366-1371.	2.4	1