Qingqiang Yao

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/4807319/qingqiang-yao-publications-by-year.pdf
Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42 papers	752 citations	17 h-index	26 g-index
48 ext. papers	1,118 ext. citations	6.8 avg, IF	4.46 L-index

#	Paper	IF	Citations
42	Multifunctional polyphenol-based silk hydrogel alleviates oxidative stress and enhances endogenous regeneration of osteochondral defects.. *Materials Today Bio*, **2022**, 14, 100251	9.9	0
41	Enhanced recovery after surgery protocols in total knee arthroplasty via midvastus approach: a randomized controlled trial. *BMC Musculoskeletal Disorders*, **2021**, 22, 856	2.8	2
40	Co-inspired hydroxyapatite-based scaffolds for vascularized bone regeneration. *Acta Biomaterialia*, **2021**, 119, 419-431	10.8	19
39	Copper-based biomaterials for bone and cartilage tissue engineering. *Journal of Orthopaedic Translation*, **2021**, 29, 60-71	4.2	14
38	Enzymatically crosslinked silk-nanosilicate reinforced hydrogel with dual-lineage bioactivity for osteochondral tissue engineering. *Materials Science and Engineering C*, **2021**, 127, 112215	8.3	8
37	3D Printing of Black Bioceramic Scaffolds with Micro/Nanostructure for Bone Tumor-Induced Tissue Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2101181	10.1	2
36	3D-printed Mg-incorporated PCL-based scaffolds: A promising approach for bone healing. *Materials Science and Engineering C*, **2021**, 129, 112372	8.3	14
35	Cell-Free Biomimetic Scaffold with Cartilage Extracellular Matrix-Like Architectures for Inductive Regeneration of Osteochondral Defects. *ACS Biomaterials Science and Engineering*, **2020**, 6, 6917-6925	5.5	7
34	Conservative vs Surgical Treatment of Impacted Femoral Neck Fracture in Patients 75 Years and Older. *Journal of the American Geriatrics Society*, **2020**, 68, 2214-2221	5.6	3
33	A multifunctional anti-inflammatory drug that can specifically target activated macrophages, massively deplete intracellular HO, and produce large amounts CO for a highly efficient treatment of osteoarthritis. *Biomaterials*, **2020**, 255, 120155	15.6	30
32	Mechanical effect on the evolution of bone formation during bone ingrowth into a 3D-printed Ti-alloy scaffold. *Materials Letters*, **2020**, 273, 127921	3.3	2
31	An all-silk-derived functional nanosphere matrix for sequential biomolecule delivery and osteochondral regeneration. *Bioactive Materials*, **2020**, 5, 832-843	16.7	17
30	Randomized trial of 3-drug combination for lumbar nerve root epidural injections with a TNF-α inhibitor in treatment of lumbar stenosis. *British Journal of Neurosurgery*, **2020**, 34, 168-171	1	4
29	Three-Dimensional-Printed Guiding Template for Unicompartmental Knee Arthroplasty. *BioMed Research International*, **2020**, 2020, 7019794	3	2
28	Rg1 in combination with mannitol protects neurons against glutamate-induced ER stress via the PERK-eIF2 αATF4 signaling pathway. *Life Sciences*, **2020**, 263, 118559	6.8	3
27	A feasibility study of individual 3D-printed navigation template for the deep external fixator pin position on the iliac crest. *BMC Musculoskeletal Disorders*, **2020**, 21, 478	2.8	1
26	IGF-1-releasing PLGA nanoparticles modified 3D printed PCL scaffolds for cartilage tissue engineering. *Drug Delivery*, **2020**, 27, 1106-1114	7	20

25	In vitro behavior of tendon stem/progenitor cells on bioactive electrospun nanofiber membranes for tendon-bone tissue engineering applications. *International Journal of Nanomedicine*, **2019**, 14, 5831-5848	7.3	15
24	3D printed dual-functional biomaterial with self-assembly micro-nano surface and enriched nano argentum for antibacterial and bone regeneration. *Applied Materials Today*, **2019**, 17, 206-215	6.6	20
23	Biomimetic Scaffolds: 3D Molecularly Functionalized Cell-Free Biomimetic Scaffolds for Osteochondral Regeneration (Adv. Funct. Mater. 6/2019). *Advanced Functional Materials*, **2019**, 29, 1970036	15.6	1
22	Percutaneous kyphoplasty assisted with/without mixed reality technology in treatment of OVCF with IVC: a prospective study. *Journal of Orthopaedic Surgery and Research*, **2019**, 14, 255	2.8	20
21	Reconstruction of compressively sampled MR images based on a local shrinkage thresholding algorithm with curvelet transform. *Medical and Biological Engineering and Computing*, **2019**, 57, 2145-2158	3.1	2
20	Copper-incorporated bioactive glass-ceramics inducing anti-inflammatory phenotype and regeneration of cartilage/bone interface. *Theranostics*, **2019**, 9, 6300-6313	12.1	50
19	Lithium Chloride-Releasing 3D Printed Scaffold for Enhanced Cartilage Regeneration. *Medical Science Monitor*, **2019**, 25, 4041-4050	3.2	5
18	Loss of Klotho contributes to cartilage damage by derepression of canonical Wnt/β-catenin signaling in osteoarthritis mice. *Aging*, **2019**, 11, 12793-12809	5.6	11
17	3D Molecularly Functionalized Cell-Free Biomimetic Scaffolds for Osteochondral Regeneration. *Advanced Functional Materials*, **2019**, 29, 1807356	15.6	49
16	Micro/Nanometer-Structured Scaffolds for Regeneration of Both Cartilage and Subchondral Bone. *Advanced Functional Materials*, **2019**, 29, 1806068	15.6	51
15	3D printing of a lithium-calcium-silicate crystal bioscaffold with dual bioactivities for osteochondral interface reconstruction. *Biomaterials*, **2019**, 196, 138-150	15.6	93
14	Antimicrobial Activity of 3D-Printed Poly(ε-Caprolactone) (PCL) Composite Scaffolds Presenting Vancomycin-Loaded Polylactic Acid-Glycolic Acid (PLGA) Microspheres. *Medical Science Monitor*, **2018**, 24, 6934-6945	3.2	23
13	3D printing of Mo-containing scaffolds with activated anabolic responses and bi-lineage bioactivities. *Theranostics*, **2018**, 8, 4372-4392	12.1	19
12	Application of computer-aided design and 3D-printed navigation template in Locking Compression Pediatric Hip Plate placement for pediatric hip disease. *International Journal of Computer Assisted Radiology and Surgery*, **2017**, 12, 865-871	3.9	28
11	3D-printed navigation template in proximal femoral osteotomy for older children with developmental dysplasia of the hip. *Scientific Reports*, **2017**, 7, 44993	4.9	31
10	Adhesion, proliferation and osteogenic differentiation of mesenchymal stem cells in 3D printed poly-ε-caprolactone/hydroxyapatite scaffolds combined with bone marrow clots. *Molecular Medicine Reports*, **2017**, 16, 5078-5084	2.9	23
9	Investigations of Cartilage Matrix Degeneration in Patients with Early-Stage Femoral Head Necrosis. *Medical Science Monitor*, **2017**, 23, 5783-5792	3.2	4
8	Analysis of Recombinant Human Bone Morphogenetic Protein-2 Use in the Treatment of Lumbar Degenerative Spondylolisthesis. *Global Spine Journal*, **2016**, 6, 749-755	2.7	2

7	Three-dimensional polycaprolactone-hydroxyapatite scaffolds combined with bone marrow cells for cartilage tissue engineering. *Journal of Biomaterials Applications*, **2015**, 30, 160-70	2.9	18
6	Using 7.0T MRI T2 mapping to detect early changes of the cartilage matrix caused by immobilization in a rabbit model of immobilization-induced osteoarthritis. *Magnetic Resonance Imaging*, **2015**, 33, 1000-6	3.3	7
5	Composite scaffolds composed of bone marrow mesenchymal stem cell-derived extracellular matrix and marrow clots promote marrow cell retention and proliferation. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 2374-82	5.4	6
4	Cartilage matrix changes in contralateral mobile knees in a rabbit model of osteoarthritis induced by immobilization. *BMC Musculoskeletal Disorders*, **2015**, 16, 224	2.8	8
3	Use of quantitative MRI for the detection of progressive cartilage degeneration in a mini-pig model of osteoarthritis caused by anterior cruciate ligament transection. *Journal of Magnetic Resonance Imaging*, **2015**, 42, 1032-8	5.6	9
2	Chondrogenic regeneration using bone marrow clots and a porous polycaprolactone-hydroxyapatite scaffold by three-dimensional printing. *Tissue Engineering - Part A* , **2015**, 21, 1388-97	3.9	31
1	The effects of a semiconstrained integrated artificial disc on zygapophyseal joint pressure and displacement. *Spine*, **2014**, 39, E1510-7	3.3	3