

Li-Ming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,394
citations

361045

20
h-index

360668

35
g-index

57
all docs

57
docs citations

57
times ranked

2232
citing authors

#	ARTICLE	IF	CITATIONS
1	Luteolin inhibits IL-1 β -induced inflammation in rat chondrocytes and attenuates osteoarthritis progression in a rat model. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1586-1592.	2.5	150
2	Micro/Nanometer-Structured Scaffolds for Regeneration of Both Cartilage and Subchondral Bone. <i>Advanced Functional Materials</i> , 2019, 29, 1806068.	7.8	79
3	3D Molecularly Functionalized Cell-Free Biomimetic Scaffolds for Osteochondral Regeneration. <i>Advanced Functional Materials</i> , 2019, 29, 1807356.	7.8	75
4	Polysaccharide from <i>Angelica sinensis</i> protects chondrocytes from H ₂ O ₂ -induced apoptosis through its antioxidant effects in vitro. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 322-328.	3.6	64
5	3D-printed Mg-incorporated PCL-based scaffolds: A promising approach for bone healing. <i>Materials Science and Engineering C</i> , 2021, 129, 112372.	3.8	61
6	Electrospun vancomycin-loaded coating on titanium implants for the prevention of implant-associated infections. <i>International Journal of Nanomedicine</i> , 2014, 9, 3027.	3.3	59
7	IGF-1-releasing PLGA nanoparticles modified 3D printed PCL scaffolds for cartilage tissue engineering. <i>Drug Delivery</i> , 2020, 27, 1106-1114.	2.5	49
8	Chondrogenic Regeneration Using Bone Marrow Clots and a Porous Polycaprolactone-Hydroxyapatite Scaffold by Three-Dimensional Printing. <i>Tissue Engineering - Part A</i> , 2015, 21, 1388-1397.	1.6	45
9	Drug-induced modulation of gp130 signalling prevents articular cartilage degeneration and promotes repair. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 760-769.	0.5	44
10	Antimicrobial Activity of 3D-Printed Poly(ϵ -Caprolactone) (PCL) Composite Scaffolds Presenting Vancomycin-Loaded Polylactic Acid-Glycolic Acid (PLGA) Microspheres. <i>Medical Science Monitor</i> , 2018, 24, 6934-6945.	0.5	44
11	Percutaneous kyphoplasty assisted with/without mixed reality technology in treatment of OVCF with IVC: a prospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 255.	0.9	43
12	Critical Role of ADAMTS2 (A Disintegrin and Metalloproteinase With Thrombospondin Motifs 2) in Cardiac Hypertrophy Induced by Pressure Overload. <i>Hypertension</i> , 2017, 69, 1060-1069.	1.3	42
13	Application of computer-aided design and 3D-printed navigation template in Locking Compression Pediatric Hip Plate TM placement for pediatric hip disease. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 865-871.	1.7	37
14	Adhesion, proliferation and osteogenic differentiation of mesenchymal stem cells in 3D printed poly- μ -caprolactone/hydroxyapatite scaffolds combined with bone marrow clots. <i>Molecular Medicine Reports</i> , 2017, 16, 5078-5084.	1.1	35
15	3D printing of Mo-containing scaffolds with activated anabolic responses and bi-lineage bioactivities. <i>Theranostics</i> , 2018, 8, 4372-4392.	4.6	33
16	Chondrogenic Differentiation Could Be Induced by Autologous Bone Marrow Mesenchymal Stem Cell-Derived Extracellular Matrix Scaffolds Without Exogenous Growth Factor. <i>Tissue Engineering - Part A</i> , 2016, 22, 222-232.	1.6	32
17	Modified Posterior Portals for Hindfoot Arthroscopy. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2007, 23, 1116-1123.	1.3	29
18	In vitro behavior of tendon stem/progenitor cells on bioactive electrospun nanofiber membranes for tendon-bone tissue engineering applications. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5831-5848.	3.3	29

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19	Three-dimensional polycaprolactone-hydroxyapatite scaffolds combined with bone marrow cells for cartilage tissue engineering. <i>Journal of Biomaterials Applications</i> , 2015, 30, 160-170.	1.2	28
20	Gentioipicroside inhibits RANKL-induced osteoclastogenesis by regulating NF- κ B and JNK signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 142-146.	2.5	23
21	Loss of Klotho contributes to cartilage damage by derepression of canonical Wnt/ β 2-catenin signaling in osteoarthritis mice. <i>Aging</i> , 2019, 11, 12793-12809.	1.4	20
22	Application of 3D printing rapid prototyping-assisted percutaneous fixation in the treatment of intertrochanteric fracture. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 3644-3650.	0.8	19
23	MicroRNA-483-5p Modulates the Expression of Cartilage-Related Genes in Human Chondrocytes through Down-Regulating TGF- β 1 Expression. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 243, 41-48.	0.5	19
24	Comparison of off-pump and on-pump coronary endarterectomy for patients with diffusely diseased coronary arteries: early and midterm outcome. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 186.	0.4	18
25	Analysis of the relationship between the facet fluid sign and lumbar spine motion of degenerative spondylyotic segment using Kinematic MRI. <i>European Journal of Radiology</i> , 2017, 94, 6-12.	1.2	16
26	Enhanced recovery after surgery protocols in total knee arthroplasty via midvastus approach: a randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 856.	0.8	14
27	The midterm results of coronary endarterectomy in patients with diffuse coronary artery disease. <i>Journal of Cardiothoracic Surgery</i> , 2018, 13, 90.	0.4	13
28	Use of quantitative MRI for the detection of progressive cartilage degeneration in a mini-pig model of osteoarthritis caused by anterior cruciate ligament transection. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1032-1038.	1.9	12
29	Identification of circulating miR-663a as a potential biomarker for diagnosing osteosarcoma. <i>Pathology Research and Practice</i> , 2019, 215, 152411.	1.0	12
30	Evaluation of an Autologous Bone Mesenchymal Stem Cell-Derived Extracellular Matrix Scaffold in a Rabbit and Minipig Model of Cartilage Repair. <i>Medical Science Monitor</i> , 2019, 25, 7342-7350.	0.5	12
31	Cartilage matrix changes in contralateral mobile knees in a rabbit model of osteoarthritis induced by immobilization. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 224.	0.8	11
32	Force-torque intraoperative measurements for femoral shaft fracture reduction. <i>Computer Assisted Surgery</i> , 2016, 21, 37-44.	0.6	11
33	Lithium Chloride-Releasing 3D Printed Scaffold for Enhanced Cartilage Regeneration. <i>Medical Science Monitor</i> , 2019, 25, 4041-4050.	0.5	11
34	Chondrogenic preconditioning of mesenchymal stem/stromal cells within a magnetic scaffold for osteochondral repair. <i>Biofabrication</i> , 2022, 14, 025020.	3.7	11
35	Minimally invasive treatment of displaced femoral shaft fractures with a teleoperated robot-assisted surgical system. <i>Injury</i> , 2017, 48, 2253-2259.	0.7	10
36	The Role of Minimally Invasive Vertebral Body Stent on Reduction of the Deflation Effect After Kyphoplasty. <i>Spine</i> , 2018, 43, E341-E347.	1.0	10

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37	Composite scaffolds composed of bone marrow mesenchymal stem cell-derived extracellular matrix and marrow clots promote marrow cell retention and proliferation. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2374-2382.	2.1	9
38	Rg1 in combination with mannitol protects neurons against glutamate-induced ER stress via the PERK-eIF2 β -ATF4 signaling pathway. <i>Life Sciences</i> , 2020, 263, 118559.	2.0	9
39	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. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1000-1006.	1.0	8
40	Conservative vs Surgical Treatment of Impacted Femoral Neck Fracture in Patients 75 Years and Older. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 2214-2221.	1.3	7
41	Randomized trial of 3-drug combination for lumbar nerve root epidural injections with a TNF- α inhibitor in treatment of lumbar stenosis. <i>British Journal of Neurosurgery</i> , 2020, 34, 168-171.	0.4	7
42	Long-term repair of porcine articular cartilage using cryopreservable, clinically compatible human embryonic stem cell-derived chondrocytes. <i>Npj Regenerative Medicine</i> , 2021, 6, 77.	2.5	7
43	gp130/STAT3 signaling is required for homeostatic proliferation and anabolism in postnatal growth plate and articular chondrocytes. <i>Communications Biology</i> , 2022, 5, 64.	2.0	7
44	A feasibility study of individual 3D-printed navigation template for the deep external fixator pin position on the iliac crest. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 478.	0.8	6
45	Three-Dimensional-Printed Guiding Template for Unicompartmental Knee Arthroplasty. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	6
46	Investigations of Cartilage Matrix Degeneration in Patients with Early-Stage Femoral Head Necrosis. <i>Medical Science Monitor</i> , 2017, 23, 5783-5792.	0.5	4
47	Technetium-99m-labeled annexin V imaging for detecting prosthetic joint infection in a rabbit model. <i>Journal of Biomedical Research</i> , 2015, 29, 224-31.	0.7	4
48	<i>In vitro</i> evaluation of marrow clot enrichment on microstructure decoration, cell delivery and proliferation of porous titanium scaffolds by selective laser melting three-dimensional printing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2245-2253.	1.6	3
49	Biomimetic Scaffolds: 3D Molecularly Functionalized Cell-Free Biomimetic Scaffolds for Osteochondral Regeneration (<i>Adv. Funct. Mater.</i> 6/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970036.	7.8	2