

Dick Ho Kiu Chow

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3753550/publications.pdf>

Version: 2024-02-01

20
papers

1,655
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Implant-derived magnesium induces local neuronal production of CGRP to improve bone-fracture healing in rats. <i>Nature Medicine</i> , 2016, 22, 1160-1169.	30.7	666
2	Biodegradable Magnesium-Based Implants in Orthopedics—A General Review and Perspectives. <i>Advanced Science</i> , 2020, 7, 1902443.	11.2	267
3	Wnt16 attenuates osteoarthritis progression through a PCP/JNK-mTORC1-PTHrP cascade. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 551-561.	0.9	74
4	Sclerostin monoclonal antibody enhanced bone fracture healing in an open osteotomy model in rats. <i>Journal of Orthopaedic Research</i> , 2014, 32, 997-1005.	2.3	70
5	A bone-targeting delivery system carrying osteogenic phytomolecule icaritin prevents osteoporosis in mice. <i>Biomaterials</i> , 2018, 182, 58-71.	11.4	60
6	Low-magnitude high-frequency vibration (LMHFV) enhances bone remodeling in osteoporotic rat femoral fracture healing. <i>Journal of Orthopaedic Research</i> , 2011, 29, 746-752.	2.3	56
7	Magnesium (Mg) based interference screws developed for promoting tendon graft incorporation in bone tunnel in rabbits. <i>Acta Biomaterialia</i> , 2017, 63, 393-410.	8.3	55
8	An innovative Mg/Ti hybrid fixation system developed for fracture fixation and healing enhancement at load-bearing skeletal site. <i>Biomaterials</i> , 2018, 180, 173-183.	11.4	55
9	A Comparative Study on the Biomechanical and Histological Properties of Bone-to-Bone, Bone-to-Tendon, and Tendon-to-Tendon Healing. <i>American Journal of Sports Medicine</i> , 2015, 43, 1413-1421.	4.2	49
10	Magnesium-Encapsulated Injectable Hydrogel and 3D-Engineered Polycaprolactone Conduit Facilitate Peripheral Nerve Regeneration. <i>Advanced Science</i> , 2022, 9, .	11.2	45
11	Calcitonin Gene-Related Peptide Enhances Distraction Osteogenesis by Increasing Angiogenesis. <i>Tissue Engineering - Part A</i> , 2021, 27, 87-102.	3.1	44
12	Sclerostin Antibody Treatment Increases Bone Formation, Bone Mass and Bone Strength of Intact Bones in Adult Male Rats. <i>Scientific Reports</i> , 2015, 5, 15632.	3.3	39
13	Extracorporeal Shockwave Therapy for Treatment of Delayed Tendon-Bone Insertion Healing in a Rabbit Model. <i>American Journal of Sports Medicine</i> , 2012, 40, 2862-2871.	4.2	29
14	Macrophages in epididymal adipose tissue secrete osteopontin to regulate bone homeostasis. <i>Nature Communications</i> , 2022, 13, 427.	12.8	29
15	Blockage of Src by Specific siRNA as a Novel Therapeutic Strategy to Prevent Destructive Repair in Steroid-Associated Osteonecrosis in Rabbits. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 2044-2057.	2.8	26
16	Comparison of modified injection molding and conventional machining in biodegradable behavior of perforated cannulated magnesium hip stents. <i>Journal of Materials Science and Technology</i> , 2021, 63, 145-160.	10.7	23
17	Synergistic effects of magnesium ions and simvastatin on attenuation of high-fat diet-induced bone loss. <i>Bioactive Materials</i> , 2021, 6, 2511-2522.	15.6	21
18	Biodegradable magnesium pins enhanced the healing of transverse patellar fracture in rabbits. <i>Bioactive Materials</i> , 2021, 6, 4176-4185.	15.6	17

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19	Extracorporeal shockwave enhanced regeneration of fibrocartilage in a delayed tendonâ€bone insertion repair model. <i>Journal of Orthopaedic Research</i> , 2014, 32, 507-514.	2.3	14
20	Application of ultrasound accelerates the decalcification process of bone matrix without affecting histological and immunohistochemical analysis. <i>Journal of Orthopaedic Translation</i> , 2019, 17, 112-120.	3.9	9