

Qing Han

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,251
citations

567281

15
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

1980
citing authors

#	ARTICLE	IF	CITATIONS
1	Customized reconstructive prosthesis design based on topological optimization to treat severe proximal tibia defect. <i>Bio-Design and Manufacturing</i> , 2021, 4, 87-99.	7.7	18
2	Design and properties of biomimetic irregular scaffolds for bone tissue engineering. <i>Computers in Biology and Medicine</i> , 2021, 130, 104241.	7.0	48
3	The advances of topology optimization techniques in orthopedic implants: A review. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 1673-1689.	2.8	31
4	Design of Porous Metal Block Augmentation to Treat Tibial Bone Defects in Total Knee Arthroplasty Based on Topology Optimization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 765438.	4.1	8
5	Morphological Measurement of the Femoral Anterior Bow in Chinese Population Based on Three-Dimensional Computed Tomography. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	1
6	Sex determination from talus in Chinese population by three-dimensional measurement approach. <i>Legal Medicine</i> , 2020, 44, 101647.	1.3	3
7	Biomechanical comparison between metal block and cement-screw techniques for the treatment of tibial bone defects in total knee arthroplasty based on finite element analysis. <i>Computers in Biology and Medicine</i> , 2020, 125, 104006.	7.0	16
8	Promotion of Osseointegration between Implant and Bone Interface by Titanium Alloy Porous Scaffolds Prepared by 3D Printing. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5181-5190.	5.2	45
9	Obesity Increases the Severity and Mortality of Influenza and COVID-19: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 595109.	3.5	67
10	Comparison of Valgus Correction Angle between Patients with Developmental Dysplasia Hip and Normal Volunteers Measured by Three-Dimensional Reconstruction and X-Ray. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	1
11	Porous Scaffold Design for Additive Manufacturing in Orthopedics: A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 609.	4.1	115
12	Porous Tantalum and Titanium in Orthopedics: A Review. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5798-5824.	5.2	96
13	Measurement of talar morphology in northeast Chinese population based on three-dimensional computed tomography. <i>Medicine (United States)</i> , 2019, 98, e17142.	1.0	5
14	Measurement of proximal tibial morphology in northeast Chinese population based on three-dimensional reconstruction computer tomography. <i>Medicine (United States)</i> , 2019, 98, e17508.	1.0	10
15	Application of three-dimensional reconstruction to improve the preoperative measurement accuracy and applicability of femoral neck torsion angle. <i>Medicine (United States)</i> , 2019, 98, e17727.	1.0	3
16	Accurate Osteotomy for the Treatment of a Rare Case of Postaxial Polydactyly of the Foot That Originated From a Deformed Calcaneus Using a 3D-Printed Guiding Plate. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 171-175.	1.0	3
17	Sex Difference in the Morphology of Pineal Gland in Adults Based on Brain Magnetic Resonance Imaging. <i>Journal of Craniofacial Surgery</i> , 2018, 29, e509-e513.	0.7	6
18	Individualized reconstruction for severe periprosthetic fractures around the tumor prosthesis of knee under assistance of 3D printing technology. <i>Medicine (United States)</i> , 2018, 97, e12726.	1.0	12

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19	Novel exploration of customized 3D printed shoulder prosthesis in revision of total shoulder arthroplasty. <i>Medicine (United States)</i> , 2018, 97, e13282.	1.0	19
20	Antimicrobial hydrogels: promising materials for medical application. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2217-2263.	6.7	267
21	Dynamic Changes in Toll-Like Receptor 4 in Human Perihematoma Tissue after Intracerebral Hemorrhage. <i>World Neurosurgery</i> , 2018, 118, e593-e600.	1.3	7
22	Altered brain metabolites in patients with diabetes mellitus and related complications – evidence from 1H MRS study. <i>Bioscience Reports</i> , 2018, 38, .	2.4	23
23	Biomarkers for cognitive decline in patients with diabetes mellitus: evidence from clinical studies. <i>Oncotarget</i> , 2018, 9, 7710-7726.	1.8	27
24	The Role of Gut Hormones in Diet-Induced Weight Change: A Systematic Review. <i>Hormone and Metabolic Research</i> , 2017, 49, 816-825.	1.5	18
25	Customized Knee Prosthesis in Treatment of Giant Cell Tumors of the Proximal Tibia: Application of 3-Dimensional Printing Technology in Surgical Design. <i>Medical Science Monitor</i> , 2017, 23, 1691-1700.	1.1	35
26	Using Metabolomic Profiles as Biomarkers for Insulin Resistance in Childhood Obesity: A Systematic Review. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-12.	2.3	47
27	The Relationship between Branched-Chain Amino Acid Related Metabolomic Signature and Insulin Resistance: A Systematic Review. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-12.	2.3	127
28	Preparation of antibacterial silver nanoparticle-coated PLLA grafted hydroxyapatite/PLLA composite electrospun fiber. <i>Journal of Controlled Release</i> , 2015, 213, e62-e63.	9.9	6
29	Hydroxyapatite and vancomycin composited electrospun polylactide mat for osteomyelitis and bone defect treatment. <i>Journal of Controlled Release</i> , 2015, 213, e92.	9.9	3
30	Antibacterial characteristics and mechanisms of É-poly-lysine against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Food Control</i> , 2014, 43, 22-27.	5.5	178
31	Linear Measurements of Healthy Adults’s Coronal Section of Hippocampus on Brain Magnetic Resonance Imaging. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 197-199.	0.7	3
32	Application of Novel Design Bone Grafting for Treatment of Segmental Acetabular Rim Defects During Revision Total Hip Arthroplasty. <i>Journal of Bionic Engineering</i> , 0, , 1.	5.0	2