

Carlos G Helguero

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

147
citations

1477746

6
h-index

1372195

10
g-index

17
all docs

17
docs citations

17
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostate cancer markers: An update. Biomedical Reports, 2016, 4, 263-268.	0.9	43
2	Anatomical Engineering and 3D Printing for Surgery and Medical Devices: International Review and Future Exponential Innovations. BioMed Research International, 2022, 2022, 1-28.	0.9	32
3	Improving the accuracy of wide resection of bone tumors and enhancing implant fit: A cadaveric study. Journal of Orthopaedics, 2015, 12, S188-S194.	0.6	21
4	Biomechanical properties of 3D-printed bone scaffolds are improved by treatment with CRFP. Journal of Orthopaedic Surgery and Research, 2017, 12, 195.	0.9	17
5	Trabecular Scaffolds™ Mechanical Properties of Bone Reconstruction Using Biomimetic Implants. Procedia CIRP, 2017, 65, 121-126.	1.0	13
6	Methodology for design process of a snap-fit joint made by additive manufacturing. Procedia CIRP, 2019, 79, 113-118.	1.0	12
7	Improving positioning of 3D-printed surgical guides using image-processing techniques. , 2017, , .		3
8	3D-Printed Guides in Bone Tumor Resection: Studying Their Error and Determining a Safety Margin for Surgery. Orthopedics, 2022, , 1-5.	0.5	2
9	A manufacturing approach to functional biomimetic three-dimensional-printed bone implants. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2018, , 146442071881291.	0.7	1
10	Engineering interface inside the operative room: design and simulation of a fracture-plate bending machine. Procedia CIRP, 2019, 79, 655-660.	1.0	1
11	Positioning assessment of surgical cutting guides for osteosarcoma resection utilizing 3D scanning technology. Procedia CIRP, 2020, 89, 176-181.	1.0	1
12	Novel Positioning Feedback System as a Guidance in Bone Tumor Resection. Surgical Innovation, 0, , 155335062211060.	0.4	1
13	Design of Custom Breast Prosthesis for Additive Manufacturing Production. Lecture Notes in Networks and Systems, 2021, , 74-81.	0.5	0
14	Quantifying Discrepancies at Positioning Custom 3D-Printed Surgical Guides for Bone Tumor Resection. Advances in Intelligent Systems and Computing, 2020, , 103-109.	0.5	0
15	Study of machining strategies for CNC milling of cavities on Ultra High Molecular Weight Polyethylene. Procedia CIRP, 2022, 108, 821-826.	1.0	0
16	Mechanical simulation considering anisotropy of trabecular scaffolds for 3D-printed biomimetic bone implants. Procedia CIRP, 2022, 110, 366-371.	1.0	0