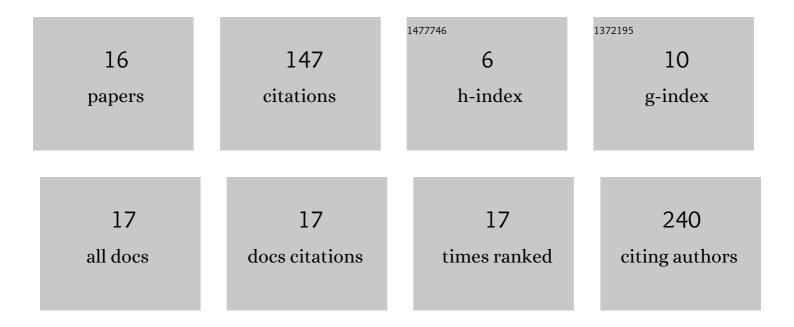
Carlos G Helguero

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5741987/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	3D-Printed Guides in Bone Tumor Resection: Studying Their Error and Determining a Safety Margin for Surgery. Orthopedics, 2022, , 1-5.	0.5	2
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	Study of machining strategies for CNC milling of cavities on Ultra High Molecular Weight Polyethylene. Procedia CIRP, 2022, 108, 821-826.	1.0	Ο
4	Mechanical simulation considering anisotropy of trabecular scaffolds for 3D-printed biomimetic bone implants. Procedia CIRP, 2022, 110, 366-371.	1.0	0
5	Design of Custom Breast Prosthesis for Additive Manufacturing Production. Lecture Notes in Networks and Systems, 2021, , 74-81.	0.5	0
6	Positioning assessment of surgical cutting guides for osteosarcoma resection utilizing 3D scanning technology. Procedia CIRP, 2020, 89, 176-181.	1.0	1
7	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
8	Methodology for design process of a snap-fit joint made by additive manufacturing. Procedia CIRP, 2019, 79, 113-118.	1.0	12
9	Engineering interface inside the operative room: design and simulation of a fracture-plate bending machine. Procedia CIRP, 2019, 79, 655-660.	1.0	1
10	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
11	Trabecular Scaffolds' Mechanical Properties of Bone Reconstruction Using Biomimetic Implants. Procedia CIRP, 2017, 65, 121-126.	1.0	13
12	Improving positioning of 3D-printed surgical guides using image-processing techniques. , 2017, , .		3
13	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
14	Prostate cancer markers: An update. Biomedical Reports, 2016, 4, 263-268.	0.9	43
15	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
16	Novel Positioning Feedback System as a Guidance in Bone Tumor Resection. Surgical Innovation, 0, , 155335062211060.	0.4	1