

Maria Herbster

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

70
citations

1937685
4
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrieval study of commercially available knee implant coatings TiN, TiNbN and ZrN on TiAl6V4 and CoCr28Mo6. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104034.	3.1	31
2	Aspect ratio of nano/microstructures determines <i>Staphylococcus aureus</i> adhesion on PET and titanium surfaces. Journal of Applied Microbiology, 2021, 131, 1498-1514.	3.1	13
3	Chondrocytes From Osteoarthritic and Chondrocalcinosis Cartilage Represent Different Phenotypes. Frontiers in Cell and Developmental Biology, 2021, 9, 622287.	3.7	12
4	Microstructureâ€dependent crevice corrosion damage of implant materials <i>CoCr28Mo6</i> , <i>TiAl6V4</i> and <i>REX</i> 734 under severe inflammatory conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1687-1704.	3.4	6
5	A novel approach for a modular taper junction in hip stems using turn-milling. CIRP Journal of Manufacturing Science and Technology, 2021, 33, 256-263.	4.5	3
6	Effect of deep rolling on subsurface conditions of <i>CoCr28Mo6</i> wrought alloy to improve the wear resistance of endoprotheses. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 118, 104398.	3.1	2
7	Synthesis of a Lubricant to Mimic the Biorheological Behavior of Osteoarthritic and Revision Synovial Fluid. Lubricants, 2021, 9, 87.	2.9	2
8	Intraoperative assembly of anatomical shoulder prosthesis frequently results in malalignment of the modular taper junction. Journal of Orthopaedic Research, 2021, 39, 2485-2496.	2.3	1