

Yaowu Zhang

List of Publications by Year in descending order

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papers

211
citations

1307594
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7
docs citations

7
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation mechanism and mechanical properties of a thermomechanically processed β -Ti-28Nb-35.4Zr alloy. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 78, 224-234.	3.1	75
2	Cold rolling deformation and annealing behavior of a β -type Ti-34Nb-25Zr titanium alloy for biomedical applications. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2308-2318.	5.8	35
3	Effect of thermomechanical treatment on the mechanical and microstructural evolution of a β -type Ti-40.7Zr-24.8Nb alloy. <i>Bioactive Materials</i> , 2019, 4, 303-311.	15.6	24
4	An investigation of the mechanical behaviour of fine tubes fabricated from a Ti-25Nb-3Mo-3Zr-2Sn alloy. <i>Materials and Design</i> , 2015, 85, 256-265.	7.0	22
5	Microstructural evolution and its influence on the mechanical properties of a thermomechanically processed β -Ti-32Zr-30Nb alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 719, 112-123.	5.6	21
6	The cold-rolling behaviour of AZ31 tubes for fabrication of biodegradable stents. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 39, 292-303.	3.1	18
7	Evolution of the microstructure and mechanical properties during fabrication of mini-tubes from a biomedical β -titanium alloy. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 42, 207-218.	3.1	16