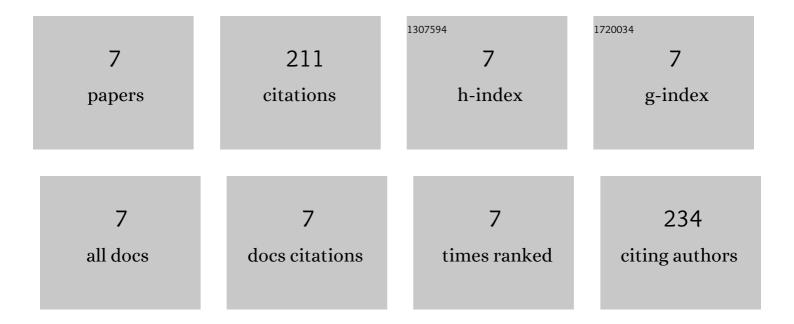
Yaowu Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5840422/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Deformation mechanism and mechanical properties of a thermomechanically processed β Ti–28Nb–35.4Zr alloy. Journal of the Mechanical Behavior of Biomedical Materials, 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. Journal of Materials Research and Technology, 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. Bioactive Materials, 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. Materials and Design, 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. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 719, 112-123.	5.6	21
6	The cold-rolling behaviour of AZ31 tubes for fabrication of biodegradable stents. Journal of the Mechanical Behavior of Biomedical Materials, 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. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 42, 207-218.	3.1	16