

Wen-Tao Qu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4013019/publications.pdf>

Version: 2024-02-01

10
papers

180
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructures and phase transformations of Ti-30Zr-xNb (x = 5, 7, 9, 13 at.%) shape memory alloys. <i>Materials Characterization</i> , 2016, 122, 1-5.	4.4	30
2	Strain induced martensite stabilization and shape memory effect of Ti-20Zr-10Nb-4Ta alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 658, 28-32.	5.6	30
3	Martensitic transformations and the shape memory effect in Ti-Zr-Nb-Al high-temperature shape memory alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 679, 14-19.	5.6	28
4	Tribological behaviour of biomedical Ti-Zr-based shape memory alloys. <i>Rare Metals</i> , 2017, 36, 478-484.	7.1	25
5	Martensitic transformation, shape memory effect and superelasticity of Ti-xZr-(30-x)Nb-4Ta alloys. <i>Rare Metals</i> , 2019, 38, 965-970.	7.1	21
6	Superelasticity over a wide temperature range in metastable β -Ti shape memory alloys. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157090.	5.5	17
7	Phase transformation and microstructure evolution of the deformed Ti-30Zr-5Nb shape memory alloy. <i>Materials Characterization</i> , 2017, 126, 81-85.	4.4	10
8	Shape memory behavior of Ti-20Zr-10Nb-5Al alloy subjected to annealing treatment. <i>Rare Metals</i> , 2016, 35, 831-835.	7.1	9
9	Effects of annealing temperature on microstructures and shape memory effect of Ti-19Zr-11Nb-2Ta alloy sheets. <i>Journal of Alloys and Compounds</i> , 2022, 897, 162728.	5.5	8
10	Improvement in the superelasticity of Ti-19Zr-11Nb-4Ta shape memory alloy caused by aging treatments. <i>Journal of Materials Research and Technology</i> , 2022, 19, 1293-1297.	5.8	2