

Yazan M Al-Zain

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

492
citations

1162889

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1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape memory properties of Ti–Nb–Mo biomedical alloys. <i>Acta Materialia</i> , 2010, 58, 4212-4223.	3.8	197
2	Anomalous temperature dependence of the superelastic behavior of Ti–Nb–Mo alloys. <i>Acta Materialia</i> , 2011, 59, 1464-1473.	3.8	102
3	Room temperature aging behavior of Ti–Nb–Mo-based superelastic alloys. <i>Acta Materialia</i> , 2012, 60, 2437-2447.	3.8	56
4	Miniaturized shape memory alloy pumps for stepping microfluidic transport. <i>Sensors and Actuators B: Chemical</i> , 2012, 165, 157-163.	4.0	39
5	A comparative study on the effects of the β and β' phases on the temperature dependence of shape memory behavior of a Ti–27Nb alloy. <i>Scripta Materialia</i> , 2015, 103, 37-40.	2.6	27
6	Effect of B addition on the microstructure and superelastic properties of a Ti-26Nb alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 644, 85-89.	2.6	20
7	Implementing Lean Six Sigma in a Kuwaiti private hospital. <i>International Journal of Health Care Quality Assurance</i> , 2019, 32, 431-446.	0.2	18
8	Novel beta-type high entropy shape memory alloys with low magnetic susceptibility and high biocompatibility. <i>Materials Letters</i> , 2021, 287, 129286.	1.3	16
9	The effect of rolling direction on the weld structure and mechanical properties of DP 1000 steel. <i>Cogent Engineering</i> , 2018, 5, 1491019.	1.1	7
10	Corrosion behavior, in vitro and in vivo biocompatibility of a newly developed Ti–16Nb–3Mo–1Sn superelastic alloy. <i>Materials Science and Engineering C</i> , 2019, 104, 109906.	3.8	6
11	Synthesis and Characterization of a Ti–Zr–Based Alloy with Ultralow Young's Modulus and Excellent Biocompatibility. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	3
12	Programable microfluidic processor with pumping and coulometric detecting functions. , 2011, , .		1