

Saeed Sadeghpour

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

554
citations

932766

10
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between alpha phase morphology and tensile properties of a new beta titanium alloy. <i>Materials and Design</i> , 2017, 121, 24-35.	3.3	118
2	A new multi-element beta titanium alloy with a high yield strength exhibiting transformation and twinning induced plasticity effects. <i>Scripta Materialia</i> , 2018, 145, 104-108.	2.6	100
3	Deformation-induced martensitic transformation in a new metastable β^2 titanium alloy. <i>Journal of Alloys and Compounds</i> , 2015, 650, 22-29.	2.8	70
4	On the compressive deformation behavior of new beta titanium alloys designed by d-electron method. <i>Journal of Alloys and Compounds</i> , 2018, 746, 206-217.	2.8	43
5	Effect of cold rolling and subsequent annealing on grain refinement of a beta titanium alloy showing stress-induced martensitic transformation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 731, 465-478.	2.6	40
6	A comparative study on the hot deformation behavior of Ti 5Al 5Mo 5V 3Cr and newly developed Ti 4Al 7Mo 3V 3Cr alloys. <i>Vacuum</i> , 2019, 161, 410-418.	1.6	34
7	Effect of dislocation channeling and kink band formation on enhanced tensile properties of a new beta Ti alloy. <i>Journal of Alloys and Compounds</i> , 2019, 808, 151741.	2.8	26
8	Influence of Ti microalloying on the formation of nanocrystalline structure in the 201L austenitic stainless steel during martensite thermomechanical treatment. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 584, 177-183.	2.6	22
9	Investigation of the effect of grain size on the strain-induced martensitic transformation in a high-Mn stainless steel using nanoindentation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 612, 214-216.	2.6	20
10	Strain rate and mechanical stability in determining deformation behavior of beta Ti alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 798, 140274.	2.6	19
11	A new combinatorial processing route to achieve an ultrafine-grained, multiphase microstructure in a medium Mn steel. <i>Journal of Materials Research and Technology</i> , 2021, 15, 3426-3446.	2.6	10
12	The effect of phase stability on the grain growth behavior of beta titanium alloys. <i>Physica B: Condensed Matter</i> , 2020, 593, 412315.	1.3	9
13	On the role of grain size on slurry erosion behavior of a novel medium-carbon, low-alloy pipeline steel after induction hardening. <i>Wear</i> , 2021, 476, 203678.	1.5	9
14	Formation of nanostructured surface layer, the white layer, through solid particles impingement during slurry erosion in a martensitic medium-carbon steel. <i>Wear</i> , 2022, 496-497, 204301.	1.5	9
15	Optimisation of brass plating condition in plating of Patented steel wire. <i>Surface Engineering</i> , 2011, 27, 19-25.	1.1	6
16	Effect of hot rolling and annealing temperatures on the microstructure and mechanical properties of SP-700 alloy. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2020, 27, 374-383.	2.4	6
17	Promising bending properties of a new as-rolled medium-carbon steel achieved with furnace-cooled bainitic microstructures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 796, 140011.	2.6	5
18	Design of a New Multi-element Beta Titanium Alloy Based on d-Electron Method. <i>Minerals, Metals and Materials Series</i> , 2018, , 377-386.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Formation of Nano/ultrafine Grain Structure in a Ti-modified 201L Stainless Steel through Martensite Thermomechanical Treatment. ISIJ International, 2014, 54, 920-925.	0.6	2
20	Microstructural Evolution of a New Beta Titanium Alloy During the Beta Annealing, Slow Cooling and Aging Process. Minerals, Metals and Materials Series, 2018, , 829-838.	0.3	1
21	Insight to the Influence of Ti Addition on the Strain-Induced Martensitic Transformation in a High (about 7 wt.%) Mn Stainless Steel. Metals, 2020, 10, 568.	1.0	0