

Peyman Samimi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

241
citations

1307594

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1372567

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11
all docs

11
docs citations

11
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructures and Grain Refinement of Additive-Manufactured Ti-xW Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 3594-3605.	2.2	61
2	Development and application of a novel precession electron diffraction technique to quantify and map deformation structures in highly deformed materials as applied to ultrafine-grained titanium. Acta Materialia, 2014, 79, 203-215.	7.9	58
3	Modeling of Ti-W Solidification Microstructures Under Additive Manufacturing Conditions. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 3606-3622.	2.2	32
4	A Constitutive Equation Relating Composition and Microstructure to Properties in Ti-6Al-4V: As Derived Using a Novel Integrated Computational Approach. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 5021-5037.	2.2	28
5	A new combinatorial approach to assess the influence of alloy composition on the oxidation behavior and concurrent oxygen-induced phase transformations for binary Ti-xCr alloys at 650°C. Corrosion Science, 2015, 97, 150-160.	6.6	14
6	Tensile behavior of laser treated Fe-Si-B metallic glass. Journal of Applied Physics, 2015, 118, .	2.5	12
7	Grain orientation effects on delamination during fatigue of a sensitized Al-Mg alloy. Philosophical Magazine Letters, 2015, 95, 526-533.	1.2	8
8	Crystallisation behaviour during tensile loading of laser treated Fe-Si-B metallic glass. Philosophical Magazine, 2017, 97, 497-514.	1.6	8
9	Characterizing the nano-structure and defect structure of nano-scaled non-ferrous structural alloys. Materials Characterization, 2016, 113, 222-231.	4.4	6
10	Engineered, Spatially Varying Isothermal Holds: Enabling Combinatorial Studies of Temperature Effects, as Applied to Metastable Titanium Alloy Ti-21S. Metallography, Microstructure, and Analysis, 2017, 6, 216-220.	1.0	2