

BegoÃ‘a Savoini

List of Publications by Year in descending order

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22
papers

461
citations

758635

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21
g-index

22
all docs

22
docs citations

22
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties and corrosion behavior of Mg-HAP composites. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 39, 238-246.	1.5	112
2	La ₂ O ₃ -reinforced W and W-V alloys produced by hot isostatic pressing. Journal of Nuclear Materials, 2011, 417, 508-511.	1.3	48
3	Fabrication and characterization of Y ₂ O ₃ dispersion strengthened copper alloys. Journal of Nuclear Materials, 2014, 455, 655-659.	1.3	41
4	Development of oxide dispersion strengthened W alloys produced by hot isostatic pressing. Fusion Engineering and Design, 2011, 86, 2534-2537.	1.0	35
5	Mechanical characteristics of porous hydroxyapatite/oxide composites produced by post-sintering hot isostatic pressing. Ceramics International, 2009, 35, 2373-2380.	2.3	30
6	Processing and mechanical characteristics of magnesium-hydroxyapatite metal matrix biocomposites. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 69, 135-143.	1.5	30
7	Microstructural and mechanical characteristics of W-2Ti and W-1TiC processed by hot isostatic pressing. Journal of Nuclear Materials, 2014, 455, 306-310.	1.3	26
8	SANS evidence for the dispersion of nanoparticles in W-1Y ₂ O ₃ and W-1La ₂ O ₃ processed by hot isostatic pressing. International Journal of Refractory Metals and Hard Materials, 2012, 33, 6-9.	1.7	24
9	Microstructure and temperature dependence of the microhardness of W-4V-1La ₂ O ₃ and W-4Ti-1La ₂ O ₃ . Journal of Nuclear Materials, 2013, 442, S229-S232.	1.3	17
10	Thermal stability of the grain structure in the W-2V and W-2V-0.5Y ₂ O ₃ alloys produced by hot isostatic pressing. Fusion Engineering and Design, 2013, 88, 2636-2640.	1.0	13
11	Processing, microstructure and mechanical characterization of dispersion strengthened Cu-1%Y. Fusion Engineering and Design, 2019, 138, 321-331.	1.0	13
12	Characterization of residual compressive stresses in layered ceramics by positron annihilation spectroscopy. Journal of the European Ceramic Society, 2012, 32, 3989-3993.	2.8	12
13	Cytocompatibility, biofilm assembly and corrosion behavior of Mg-HAP composites processed by extrusion. Materials Science and Engineering C, 2017, 78, 667-673.	3.8	11
14	Thermal conductivity and diffusivity of Cu-Y alloys produced by different powder metallurgy routes. Fusion Engineering and Design, 2017, 124, 1156-1160.	1.0	9
15	Fabrication and characterization of dispersion strengthened Cu-0.8%Y. Fusion Engineering and Design, 2020, 154, 111548.	1.0	8
16	SANS characterization of particle dispersions in W-Ti and W-V alloys. International Journal of Refractory Metals and Hard Materials, 2016, 61, 173-178.	1.7	7
17	Effect of highly dispersed yttria addition on thermal stability of hydroxyapatite. Materials Science and Engineering C, 2013, 33, 864-869.	3.8	6
18	Fabrication and characterization of Cu reinforced with Y-enriched particles following a novel powder metallurgy route. Nuclear Materials and Energy, 2021, 29, 101075.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Exploring CuCrFeVTi system to produce high entropy alloys for high heat flux applications. Nuclear Materials and Energy, 2021, 29, 101065.	0.6	5
20	Thermal Stability Study of Vacancy-Type Defects in Commercial Pure Titanium Using Positron Annihilation Spectroscopy. Advanced Engineering Materials, 2017, 19, 1500649.	1.6	4
21	Mechanical properties and microstructure of W/CuY and W/CuCrZr composites produced by hot isostatic pressing. Fusion Engineering and Design, 2019, 146, 1829-1833.	1.0	3
22	Microstructure and mechanical properties of hot rolled ODS copper. Nuclear Materials and Energy, 2020, 24, 100754.	0.6	2