Juliano Soyama

List of Publications by Year
in descending order

18	254	932766 10	940134 16
papers	citations	h-index	g-index

18	18	18	258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wear resistant coatings of boron-modified stainless steels deposited by Plasma Transferred Arc. Surface and Coatings Technology, 2016, 302, 255-264.	2.2	38
2	The effect of zirconium addition on sintering behaviour, microstructure and creep resistance of the powder metallurgy processed alloy Tiâ€“45Alâ€“5Nbâ€“0.2Bâ€“0.2C. Materials and Design, 2015, 84, 87-94.	3.3	25
3	Severely deformed ZK60Â+Â2.5% Mm alloy for hydrogen storage produced by two different processing routes. International Journal of Hydrogen Energy, 2016, 41, 11284-11292.	3.8	25
4	Hydrogen storage in MgH2LaNi5 composites prepared by cold rolling under inert atmosphere. International Journal of Hydrogen Energy, 2018, 43, 13348-13355.	3.8	25
5	Hydrogen storage in heavily deformed ZK60 alloy modified with 2.5Âwt.% Mm addition. International Journal of Hydrogen Energy, 2016, 41, 4177-4184.	3.8	23
6	Predicting the Formation of Intermetallic Phases in the Al-Si-Fe System with Mn Additions. Journal of Phase Equilibria and Diffusion, 2017, 38, 298-304.	0.5	19
7	Processing of MgH2 by extensive cold rolling under protective atmosphere. International Journal of Hydrogen Energy, 2017, 42, 2201-2208.	3.8	16
8	Sintering Behavior and Microstructure Formation of Titanium Aluminide Alloys Processed by Metal Injection Molding. Jom, 2017, 69, 676-682.	0.9	15
9	Wear Resistant Duplex Stainless Steels Produced by Spray Forming. Metals and Materials International, 2019, 25, 456-464.	1.8	14
10	Microstructure formation and abrasive wear resistance of a boron-modified superduplex stainless steel produced by spray forming. Journal of Materials Research, 2016, 31, 2987-2993.	1.2	13
11	The Influence of Sintering Parameters in the Microstructure and Mechanical Properties of a Cuâ€“Alâ€“Niâ€“Mnâ€“Zr Shape Memory Alloy. Advanced Engineering Materials, 2018, 20, 1800372.	1.6	9
12	Thermodynamic Calculations for the Investigation of Phase Formation in Boron-Modified Ferritic Stainless Steel. Journal of Phase Equilibria and Diffusion, 2017, 38, 343-349.	0.5	8
13	Effect of Subcritical Annealing on the Microstructure and Mechanical Properties of a Precipitation-Hardened Al-Zn-Mg-Cu Alloy. Journal of Materials Engineering and Performance, 2021, 30, 1012-1021.	1.2	7
14	Sintering behaviour of Tiâ€“45Alâ€“5Nbâ€“0.2Bâ€“0.2C alloy modifications by additions of elemental titanium and aluminium. Powder Metallurgy, 2015, 58, 369-375.	0.9	5
15	Microstructure and mechanical properties of a rapid solidified boron- modified duplex stainless steel. Materials Science and Technology, 2019, 35, 815-822.	0.8	4
16	High-energy ball milling of intermetallic Ti-Cu alloys for the preparation of oxide nanoparticles. Advanced Powder Technology, 2021, 32, 4609-4620.	2.0	3
17	Sintering and Creep Resistance of Powderâ€Metallurgyâ€Processed Tiâ€(43â€47)Alâ€5Nbâ€0.2Bâ€0.2C. Advanced Engineering Materials, 2020, 22, 2000377.	1.6	3
18	Axial fatigue testing of Tiâ€“6Alâ€“4V using an alternative specimen geometry fabricated by metal injection moulding. Powder Metallurgy, 2016, 59, 344-349.	0.9	2