

Eric Irisso

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,335
citations

1039406

9
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Al-Al ₂ O ₃ Cold Spray Coating Formation and Properties. Journal of Thermal Spray Technology, 2007, 16, 661-668.	1.6	299
2	Review on Cold Spray Process and Technology: Part I "Intellectual Property. Journal of Thermal Spray Technology, 2008, 17, 495-516.	1.6	224
3	Dynamic recrystallization in the particle/particle interfacial region of cold-sprayed nickel coating: Electron backscatter diffraction characterization. Scripta Materialia, 2009, 61, 899-902.	2.6	224
4	Influence of Helium and Nitrogen Gases on the Properties of Cold Gas Dynamic Sprayed Pure Titanium Coatings. Journal of Thermal Spray Technology, 2011, 20, 213-226.	1.6	137
5	Improving the strength and corrosion resistance of 316L stainless steel for biomedical applications using cold spray. Surface and Coatings Technology, 2013, 216, 297-307.	2.2	103
6	Effect of Heat Treatment on the Microstructure and Mechanical Properties of Stainless Steel 316L Coatings Produced by Cold Spray for Biomedical Applications. Journal of Thermal Spray Technology, 2014, 23, 641-652.	1.6	85
7	Mechanical behavior of Ti cold spray coatings determined by a multi-scale indentation method. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 530, 253-265.	2.6	71
8	Mechanical Property Mapping of Cold Sprayed Ti Splats and Coatings. Journal of Thermal Spray Technology, 2011, 20, 486-496.	1.6	65
9	Cold Spray Characteristics of Commercially Pure Ti and Ti-6Al-4V. Advanced Materials Research, 0, 89-91, 639-644.	0.3	63
10	Modified ball bond shear test for determination of adhesion strength of cold spray splats. Surface and Coatings Technology, 2010, 205, 1409-1414.	2.2	44
11	Cold-spray processing of titanium and titanium alloys. , 2015, , 405-423.		13
12	How to Unleash the Remarkable Potential of Cold Spray: A Perspective. Journal of Thermal Spray Technology, 2022, 31, 908-919.	1.6	7