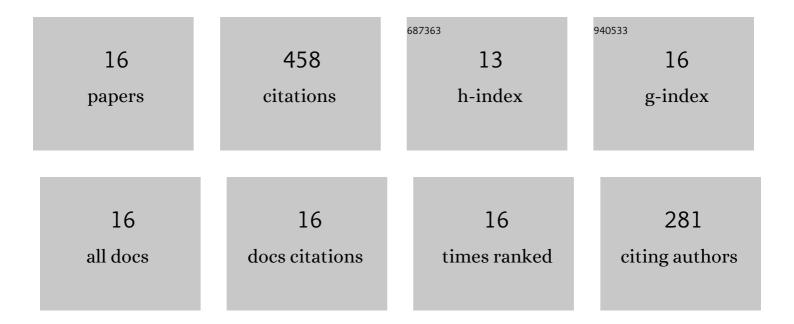
Adrian Wei-Yee Tan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6438848/publications.pdf

Version: 2024-02-01



ADDIAN WELVEE TAN

#	Article	IF	CITATIONS
1	Solution and Double Aging Treatments of Cold Sprayed Inconel 718 Coatings. Coatings, 2022, 12, 347.	2.6	2
2	Cold Spray of Nickel-Based Alloy Coating on Cast Iron for Restoration and Surface Enhancement. Coatings, 2022, 12, 765.	2.6	7
3	Correlation between the macroscopic adhesion strength of cold spray coating and the microscopic single-particle bonding behaviour: Simulation, experiment and prediction. Applied Surface Science, 2021, 547, 149165.	6.1	17
4	An investigation into microstructure, tribological and mechanical properties of cold sprayed Inconel 625 coatings. Surface and Coatings Technology, 2021, 424, 127660.	4.8	19
5	Inconel 713C Coating by Cold Spray for Surface Enhancement of Inconel 718. Metals, 2021, 11, 2048.	2.3	12
6	Coupled Eulerian-Lagrangian (CEL) simulation of multiple particle impact during Metal Cold Spray process for coating porosity prediction. Surface and Coatings Technology, 2020, 385, 125433.	4.8	19
7	Tribological behavior of cold sprayed Inconel 718 coatings at room and elevated temperatures. Surface and Coatings Technology, 2020, 385, 125386.	4.8	27
8	Post-Process Treatments on Supersonic Cold Sprayed Coatings: A Review. Coatings, 2020, 10, 123.	2.6	50
9	Evaluation of cold sprayed graphene nanoplates–Inconel 718 composite coatings. Surface and Coatings Technology, 2019, 378, 125065.	4.8	24
10	Effect of Substrate Surface Roughness on Microstructure and Mechanical Properties of Cold-Sprayed Ti6Al4V Coatings on Ti6Al4V Substrates. Journal of Thermal Spray Technology, 2019, 28, 1959-1973.	3.1	25
11	Improving microstructural and mechanical characteristics of cold-sprayed Inconel 718 deposits via local induction heat treatment. Journal of Alloys and Compounds, 2019, 797, 1268-1279.	5.5	35
12	Influence of Particle Velocity When Propelled Using N2 or N2-He Mixed Gas on the Properties of Cold-Sprayed Ti6Al4V Coatings. Coatings, 2018, 8, 327.	2.6	30
13	Effect of coating thickness on microstructure, mechanical properties and fracture behaviour of cold sprayed Ti6Al4V coatings on Ti6Al4V substrates. Surface and Coatings Technology, 2018, 349, 303-317.	4.8	63
14	Understanding the microstructural evolution of cold sprayed Ti-6Al-4V coatings on Ti-6Al-4V substrates. Applied Surface Science, 2018, 459, 492-504.	6.1	52
15	Effects of Traverse Scanning Speed of Spray Nozzle on the Microstructure and Mechanical Properties of Cold-Sprayed Ti6Al4V Coatings. Journal of Thermal Spray Technology, 2017, 26, 1484-1497.	3.1	60
16	Muscle-like high-stress dielectric elastomer actuators with oil capsules. Smart Materials and Structures, 2014, 23, 105006.	3.5	16