Hongjian Wu

List of Publications by Year
in descending order

11	151	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new approach to simulate coating thickness in cold spray. Surface and Coatings Technology, 2020, 382, 125151.	4.8	32
2	Influence of spray trajectories on characteristics of cold-sprayed copper deposits. Surface and Coatings Technology, 2021, 405, 126703.	4.8	21
3	Corrosion behavior of cold sprayed 7075Al composite coating reinforced with TiB2 nanoparticles. Surface and Coatings Technology, 2020, 404, 126460.	4.8	20
4	Stable layer-building strategy to enhance cold-spray-based additive manufacturing. Additive Manufacturing, 2020, 35, 101356.	3.0	19
5	New Process Implementation to Enhance Cold Spray-Based Additive Manufacturing. Journal of Thermal Spray Technology, 2021, 30, 1284-1293.	3.1	13
6	Synthesis of carbon nanotube reinforced Al matrix composite coatings via cold spray deposition. Surface and Coatings Technology, 2021, 405, 126676.	4.8	11
7	Bonding behavior of Bi-metal-deposits produced by hybrid cold spray additive manufacturing. Journal of Materials Processing Technology, 2022, 299, 117375.	6.3	11
8	A framework for a knowledge based cold spray repairing system. Journal of Intelligent Manufacturing, 2022, 33, 1639-1647.	7.3	9
9	Description and Prediction of Multi-layer Profile in Cold Spray Using Artificial Neural Networks. Journal of Thermal Spray Technology, 2021, 30, 1453-1463.	3.1	8
10	Novel liquid fuel HVOF torches fueled with ethanol: relationships between in-flight particle characteristics and properties of WC-10Co-4Cr coatings. Surface and Coatings Technology, 2021, 408, 126805.	4.8	6
11	Study of Low-Pressure Cold Spray Additive Manufacturing: Investigation of Kinematic Spray Parameters on Deposition and Properties. 3D Printing and Additive Manufacturing, 2023, 10, 1260-1271.	2.9	1