

Thomas Lindner

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microstructure and Corrosion Properties of AlCrFeCoNi High-Entropy Alloy Coatings Prepared by HVOF and HVOF. Journal of Thermal Spray Technology, 2022, 31, 247-255.	1.6	15
2	Hardness Enhancement in CoCrFeNi _{1-x} (WC) _x High-Entropy Alloy Thin Films Synthesised by Magnetron Co-Sputtering. Coatings, 2022, 12, 269.	1.2	0
3	Comparison of Aqueous and Gelled 3.5% NaCl Electrolytes for Assessing the Corrosion Resistance of Thermal Spray Stainless-Steel Coatings in Electrochemical Corrosion Tests. Coatings, 2022, 12, 344.	1.2	3
4	Influence of Aluminum and Molybdenum on the Microstructure and Corrosion Behavior of Thermally Sprayed High-Entropy Alloy Coatings. Journal of Thermal Spray Technology, 2022, 31, 1366-1374.	1.6	6
5	Cold Gas Spraying of Solution-Hardened 316L Grade Stainless Steel Powder. Metals, 2022, 12, 30.	1.0	4
6	Enhanced Abrasion Resistance of Spark Plasma Sintered and HVOF Sprayed Hadfield High Manganese Steel by Turning and Diamond Smoothing. Journal of Manufacturing and Materials Processing, 2022, 6, 48.	1.0	1
7	Ultrasonic assisted milling of a CoCrFeNi medium entropy alloy. Procedia CIRP, 2022, 108, 879-884.	1.0	5
8	Surface hardening in finishing of sintered and thermal sprayed X120Mn12. Procedia CIRP, 2022, 108, 216-221.	1.0	1
9	Effects of Laser-Remelting on the Microstructure, Hardness and Oscillating Wear Resistance of Atmospheric Plasma Sprayed Alumina-Rich Coatings. Coatings, 2022, 12, 721.	1.2	0
10	High-Speed Laser Metal Deposition of CrFeCoNi and AlCrFeCoNi HEA Coatings with Narrow Intermixing Zone and their Machining by Turning and Diamond Smoothing. Coatings, 2022, 12, 879.	1.2	7
11	CoCrFeNi High-Entropy Alloy Thin Films Synthesised by Magnetron Sputter Deposition from Spark Plasma Sintered Targets. Coatings, 2021, 11, 468.	1.2	10
12	Nickel-Aluminum Thermal Spray Coatings as Adhesion Promoter and Susceptor for Inductively Joined Polymer-Metal Hybrids. Polymers, 2021, 13, 1320.	2.0	3
13	Influence of Thermochemical Treatment on the Surface Properties of Finish Turned Wire Arc Sprayed 17Cr Steel Coatings. Applied Sciences (Switzerland), 2021, 11, 6520.	1.3	2
14	Microstructure and Wear Behavior of the High-Velocity-Oxygen-Fuel Sprayed and Spark Plasma Sintered High-Entropy Alloy AlCrFeCoNi. Advanced Engineering Materials, 2021, 23, 2001253.	1.6	26
15	Boriding of Laser-Clad Inconel 718 Coatings for Enhanced Wear Resistance. Applied Sciences (Switzerland), 2021, 11, 11935.	1.3	14
16	High-temperature wear behaviour of AlCoCrFeNiTi _{0.5} coatings produced by HVOF. Surface and Coatings Technology, 2020, 403, 126379.	2.2	41
17	Boriding of HVOF-sprayed Inconel 625 coatings. Surface and Coatings Technology, 2020, 404, 126456.	2.2	10
18	Precipitation Hardening of the HVOF Sprayed Single-Phase High-Entropy Alloy CrFeCoNi. Coatings, 2020, 10, 701.	1.2	19

#	ARTICLE	IF	CITATIONS
19	Designing (Ultra)Fine-Grained High-Entropy Alloys by Spark Plasma Sintering and Equal-Channel Angular Pressing. Crystals, 2020, 10, 1157.	1.0	8
20	Introducing Fractal Dimension for Interlaminar Shear and Tensile Strength Assessment of Mechanically Interlocked Polymer-Metal Interfaces. Materials, 2020, 13, 2171.	1.3	16
21	Influence of the cutting parameters on the surface properties in turning of a thermally sprayed AlCoCrFeNiTi coating. Procedia CIRP, 2020, 87, 19-24.	1.0	13
22	Microstructure and Sliding Wear Resistance of Plasma Sprayed Al ₂ O ₃ -Cr ₂ O ₃ -TiO ₂ Ternary Coatings from Blends of Single Oxides. Coatings, 2020, 10, 42.	1.2	15
23	Wear and Corrosion Behaviour of Supersaturated Surface Layers in the High-Entropy Alloy Systems CrMnFeCoNi and CrFeCoNi. Crystals, 2020, 10, 110.	1.0	16
24	High-Temperature Wear Behaviour of Spark Plasma Sintered AlCoCrFeNiTi _{0.5} High-Entropy Alloy. Entropy, 2019, 21, 582.	1.1	28
25	Effect of Metal Surface Topography on the Interlaminar Shear and Tensile Strength of Aluminum/Polyamide 6 Polymer-Metal-Hybrids. Materials, 2019, 12, 2963.	1.3	18
26	Effect of Adjusted Gas Nitriding Parameters on Microstructure and Wear Resistance of HVOF-Sprayed AISI 316L Coatings. Materials, 2019, 12, 1760.	1.3	13
27	Surface hardening of FCC phase high-entropy alloy system by powder-pack boriding. Surface and Coatings Technology, 2019, 371, 389-394.	2.2	51
28	Hardening of HVOF-Sprayed Austenitic Stainless-Steel Coatings by Gas Nitriding. Coatings, 2018, 8, 348.	1.2	17
29	Enhanced Wear Behaviour of Spark Plasma Sintered AlCoCrFeNiTi High-Entropy Alloy Composites. Materials, 2018, 11, 2225.	1.3	21
30	Thermal Spray Coatings as an Adhesion Promoter in Metal/FRP Joints. Metals, 2018, 8, 769.	1.0	8
31	Phase Stability and Microstructure Evolution of Solution-Hardened 316L Powder Feedstock for Thermal Spraying. Metals, 2018, 8, 1063.	1.0	8
32	Influence of Titanium on Microstructure, Phase Formation and Wear Behaviour of AlCoCrFeNiTi _x High-Entropy Alloy. Entropy, 2018, 20, 505.	1.1	68
33	Microstructure and Wear Resistance of AlCoCrFeNiTi High-Entropy Alloy Coatings Produced by HVOF. Coatings, 2017, 7, 144.	1.2	70
34	The Phase Composition and Microstructure of Al _x CoCrFeNiTi Alloys for the Development of High-Entropy Alloy Systems. Metals, 2017, 7, 162.	1.0	29
35	Elektrisch leitfähige kohlenstofffaserverstärkte Kunststoffe (CFK) mit freiliegender Funktionsschicht. Materialwissenschaft Und Werkstofftechnik, 2015, 46, 844-851.	0.5	2
36	Strain Rate Sensitive Deformation Behavior under Tension and Compression of Al _{0.3} CrFeCoNiMo _{0.2} . Advanced Engineering Materials, 0, , 2100921.	1.6	2