

# Martin Lājbel

## List of Publications by Year in descending order

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687363

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times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and Wear Resistance of AlCoCrFeNiTi High-Entropy Alloy Coatings Produced by HVOF. Coatings, 2017, 7, 144.	2.6	70
2	Influence of Titanium on Microstructure, Phase Formation and Wear Behaviour of AlCoCrFeNiTi High-Entropy Alloy. Entropy, 2018, 20, 505.	2.2	68
3	Surface hardening of FCC phase high-entropy alloy system by powder-pack boriding. Surface and Coatings Technology, 2019, 371, 389-394.	4.8	51
4	High-temperature wear behaviour of AlCoCrFeNiTi0.5 coatings produced by HVOF. Surface and Coatings Technology, 2020, 403, 126379.	4.8	41
5	The Phase Composition and Microstructure of Al <sub>x</sub> CoCrFeNiTi Alloys for the Development of High-Entropy Alloy Systems. Metals, 2017, 7, 162.	2.3	29
6	High-Temperature Wear Behaviour of Spark Plasma Sintered AlCoCrFeNiTi0.5 High-Entropy Alloy. Entropy, 2019, 21, 582.	2.2	28
7	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.	3.5	26
8	Enhanced Wear Behaviour of Spark Plasma Sintered AlCoCrFeNiTi High-Entropy Alloy Composites. Materials, 2018, 11, 2225.	2.9	21
9	Precipitation Hardening of the HVOF Sprayed Single-Phase High-Entropy Alloy CrFeCoNi. Coatings, 2020, 10, 701.	2.6	19
10	Hardening of HVOF-Sprayed Austenitic Stainless-Steel Coatings by Gas Nitriding. Coatings, 2018, 8, 348.	2.6	17
11	Wear and Corrosion Behaviour of Supersaturated Surface Layers in the High-Entropy Alloy Systems CrMnFeCoNi and CrFeCoNi. Crystals, 2020, 10, 110.	2.2	16
12	Microstructure and Corrosion Properties of AlCrFeCoNi High-Entropy Alloy Coatings Prepared by HVOF and HVOF. Journal of Thermal Spray Technology, 2022, 31, 247-255.	3.1	15
13	Boriding of Laser-Clad Inconel 718 Coatings for Enhanced Wear Resistance. Applied Sciences (Switzerland), 2021, 11, 11935.	2.5	14
14	Boriding of HVOF-sprayed Inconel 625 coatings. Surface and Coatings Technology, 2020, 404, 126456.	4.8	10
15	Phase Stability and Microstructure Evolution of Solution-Hardened 316L Powder Feedstock for Thermal Spraying. Metals, 2018, 8, 1063.	2.3	8
16	Designing (Ultra)Fine-Grained High-Entropy Alloys by Spark Plasma Sintering and Equal-Channel Angular Pressing. Crystals, 2020, 10, 1157.	2.2	8
17	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.	3.1	6
18	Cold Gas Spraying of Solution-Hardened 316L Grade Stainless Steel Powder. Metals, 2022, 12, 30.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Strain Rate Sensitive Deformation Behavior under Tension and Compression of Al 0.3 CrFeCoNiMo 0.2. Advanced Engineering Materials, 0, , 2100921.	3.5	2