

Linus von Fieandt

List of Publications by Year in descending order

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14
papers

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citations

933447

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docs citations

14
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423
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of temperature on chlorine contamination and segregation for Ti(C,N) CVD thin hard coating studied by nano-SIMS and atom probe tomography. Scripta Materialia, 2022, 208, 114321.	5.2	4
2	Schmid factor analysis for chip flow induced plastic deformation of textured cubic carbonitride coatings. International Journal of Refractory Metals and Hard Materials, 2022, 108, 105932.	3.8	2
3	Chemical vapor deposition of TiN on a CoCrFeNi multi-principal element alloy substrate. Surface and Coatings Technology, 2020, 393, 125778.	4.8	14
4	Texture formation in chemical vapor deposition of Ti(C,N). Journal of Crystal Growth, 2019, 508, 90-95.	1.5	10
5	Influence of Deposition Temperature on the Phase Evolution of HfNbTiVZr High-Entropy Thin Films. Materials, 2019, 12, 587.	2.9	31
6	Corrosion properties of CVD grown Ti(C,N) coatings in 3.5 wt-% NaCl environment. Corrosion Engineering Science and Technology, 2018, 53, 316-320.	1.4	11
7	Structural, microstructural and magnetic evolution in cryo milled carbon doped MnAl. Scientific Reports, 2018, 8, 2525.	3.3	19
8	Chemical vapor deposition of TiN on transition metal substrates. Surface and Coatings Technology, 2018, 334, 373-383.	4.8	33
9	Synthesis and characterization of multicomponent (CrNbTaTiW)C films for increased hardness and corrosion resistance. Materials and Design, 2018, 149, 51-62.	7.0	99
10	Tribological properties of highly oriented Ti(C,N) deposited by chemical vapor deposition. Tribology International, 2018, 119, 593-599.	5.9	18
11	On the growth, orientation and hardness of chemical vapor deposited Ti(C,N). Thin Solid Films, 2018, 645, 19-26.	1.8	33
12	Hard and crack resistant carbon supersaturated refractory nanostructured multicomponent coatings. Scientific Reports, 2018, 8, 14508.	3.3	25
13	Chemical Interactions Between Cemented Carbide and Difficult-to-Machine Materials by Diffusion Couple Method and Simulations. Journal of Phase Equilibria and Diffusion, 2018, 39, 369-376.	1.4	12
14	Phase control of iron oxides grown in nano-scale structures on FTO and Si(100): Hematite, maghemite and magnetite. Vacuum, 2015, 117, 85-90.	3.5	8