

# Linus von Fieandt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3526397/publications.pdf>

Version: 2024-02-01

14  
papers

319  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

423  
citing authors

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