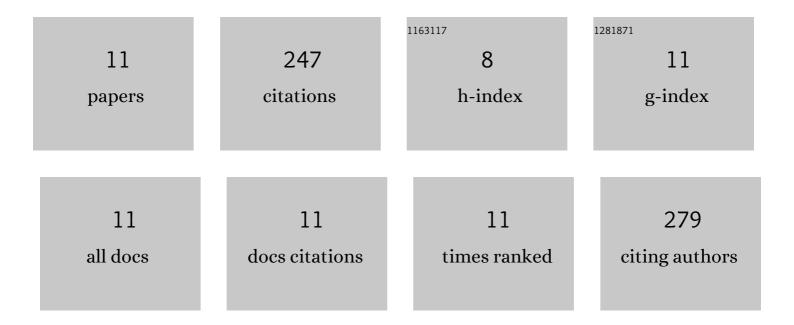
## Kristina Johansson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1084436/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Multicomponent Hf-Nb-Ti-V-Zr nitride coatings by reactive magnetron sputter deposition. Surface and Coatings Technology, 2018, 349, 529-539.	4.8	58
2	Multi-component (Al,Cr,Nb,Y,Zr)N thin films by reactive magnetron sputter deposition for increased hardness and corrosion resistance. Thin Solid Films, 2020, 693, 137685.	1.8	41
3	Optimizing the stoichiometry of ultrathin NbTiN films for high-performance superconducting nanowire single-photon detectors. Optics Express, 2019, 27, 26579.	3.4	36
4	Influence of Deposition Temperature on the Phase Evolution of HfNbTiVZr High-Entropy Thin Films. Materials, 2019, 12, 587.	2.9	31
5	Influence of N content on structure and mechanical properties of multi-component Al-Cr-Nb-Y-Zr based thin films by reactive magnetron sputtering. Surface and Coatings Technology, 2020, 389, 125614.	4.8	31
6	Experimental and theoretical evidence of charge transfer in multi-component alloys – how chemical interactions reduce atomic size mismatch. Materials Chemistry Frontiers, 2021, 5, 5746-5759.	5.9	14
7	Corrosion properties of CVD grown Ti(C,N) coatings in 3.5â€wt-% NaCl environment. Corrosion Engineering Science and Technology, 2018, 53, 316-320.	1.4	11
8	Influence of oxygen content on structure and material properties of reactively sputtered Al-Ge-O-N thin films. Journal of Alloys and Compounds, 2018, 738, 515-527.	5.5	10
9	Influence of the nitrogen content on the corrosion resistances of multicomponent AlCrNbYZrN coatings. Corrosion Science, 2021, 188, 109557.	6.6	9
10	Optical and electrical properties of hard (Hf,Nb,Ti,V,Zr)Nx thin films. Vacuum, 2021, 193, 110517.	3.5	4
11	In Situ Formation of Ge Nanoparticles by Annealing of Al-Ge-N Thin Films Followed by HAXPES and XRD.	4.0	2