

# Kristina Johansson

## List of Publications by Year in descending order

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11  
papers

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1163117

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times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the nitrogen content on the corrosion resistances of multicomponent AlCrNbYZrN coatings. <i>Corrosion Science</i> , 2021, 188, 109557.	6.6	9
2	Optical and electrical properties of hard (Hf,Nb,Ti,V,Zr) <sub>x</sub> thin films. <i>Vacuum</i> , 2021, 193, 110517.	3.5	4
3	Experimental and theoretical evidence of charge transfer in multi-component alloys – how chemical interactions reduce atomic size mismatch. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5746-5759.	5.9	14
4	Multi-component (Al,Cr,Nb,Y,Zr) <sub>x</sub> N thin films by reactive magnetron sputter deposition for increased hardness and corrosion resistance. <i>Thin Solid Films</i> , 2020, 693, 137685.	1.8	41
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. <i>Surface and Coatings Technology</i> , 2020, 389, 125614.	4.8	31
6	In Situ Formation of Ge Nanoparticles by Annealing of Al-Ge-N Thin Films Followed by HAXPES and XRD. <i>Inorganic Chemistry</i> , 2019, 58, 11100-11109.	4.0	2
7	Influence of Deposition Temperature on the Phase Evolution of HfNbTiVZr High-Entropy Thin Films. <i>Materials</i> , 2019, 12, 587.	2.9	31
8	Optimizing the stoichiometry of ultrathin NbTiN films for high-performance superconducting nanowire single-photon detectors. <i>Optics Express</i> , 2019, 27, 26579.	3.4	36
9	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
10	Influence of oxygen content on structure and material properties of reactively sputtered Al-Ge-O-N thin films. <i>Journal of Alloys and Compounds</i> , 2018, 738, 515-527.	5.5	10
11	Multicomponent Hf-Nb-Ti-V-Zr nitride coatings by reactive magnetron sputter deposition. <i>Surface and Coatings Technology</i> , 2018, 349, 529-539.	4.8	58