

# Holger Rueß

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8561135/publications.pdf>

Version: 2024-02-01

7  
papers

89  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	From quantum to continuum mechanics: studying the fracture toughness of transition metal nitrides and oxynitrides. <i>Materials Research Letters</i> , 2018, 6, 142-151.	8.7	30
2	Synthesis, crystal structure, microstructure and mechanical properties of (Ti1-Zr )3SiC2 MAX phase solid solutions. <i>Ceramics International</i> , 2019, 45, 1400-1408.	4.8	21
3	Effect of target peak power density on the phase formation, microstructure evolution, and mechanical properties of Cr2AlC MAX-phase coatings. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1841-1847.	5.7	13
4	Chemical composition and stress dependence of the elastic properties of $\hat{\Gamma}$ -(Fe,Mn)3AlC thin films. <i>Scripta Materialia</i> , 2018, 153, 49-53.	5.2	7
5	Effect of chemical composition, defect structure, and stress state on the elastic properties of (V <sub>x</sub> Al <sub>1-x</sub> ) <sub>2</sub> N <sub>y</sub> . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 025901.		7
6	Probing the onset of wurtzite phase formation in (V,Al)N thin films by transmission electron microscopy and atom probe tomography. <i>Surface and Coatings Technology</i> , 2022, 442, 128235.	4.8	7
7	Stable and Active Oxygen Reduction Catalysts with Reduced Noble Metal Loadings through Potential Triggered Support Passivation. <i>ChemElectroChem</i> , 2020, 7, 2404-2409.	3.4	4