

Lars Js Johnson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5353753/publications.pdf>

Version: 2024-02-01

9
papers

173
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting elastic properties of hard-coating alloys using ab-initio and machine learning methods. Npj Computational Materials, 2022, 8, .	8.7	16
2	Effect of nitrogen vacancies on the growth, dislocation structure, and decomposition of single crystal epitaxial (Ti _{1-x} Al _x)N thin films. Acta Materialia, 2021, 203, 116509.	7.9	18
3	Crater wear mechanism of TiAlN coatings during high-speed metal turning. Wear, 2021, 484-485, 204016.	3.1	5
4	Effect of varying N ₂ pressure on DC arc plasma properties and microstructure of TiAlN coatings. Plasma Sources Science and Technology, 2020, 29, 095015.	3.1	4
5	Strengthening, transformation toughening, and fracture dynamics of rocksalt-structure TiAlN coatings. Journal of Applied Physics, 2021, 124, 155301.	2.4	12
6	Resolving mass spectral overlaps in atom probe tomography by isotopic substitutions – case of TiSi ₁₅ N. Ultramicroscopy, 2018, 184, 51-60.	1.9	4
7	Reduction of multiple hits in atom probe tomography. Ultramicroscopy, 2013, 132, 81-85.	1.9	33
8	Blind deconvolution of time-of-flight mass spectra from atom probe tomography. Ultramicroscopy, 2013, 132, 60-64.	1.9	18
9	Microstructure evolution during the isostructural decomposition of TiAlN – A combined in-situ small angle x-ray scattering and phase field study. Journal of Applied Physics, 2013, 113, .	2.5	63