

Lars Js Johnson

List of Publications by Year in descending order

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9
papers

173
citations

1478505

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9
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure evolution during the isostructural decomposition of TiAlN ϵ A combined in-situ small angle x-ray scattering and phase field study. Journal of Applied Physics, 2013, 113, .	2.5	63
2	Reduction of multiple hits in atom probe tomography. Ultramicroscopy, 2013, 132, 81-85.	1.9	33
3	Blind deconvolution of time-of-flight mass spectra from atom probe tomography. Ultramicroscopy, 2013, 132, 60-64.	1.9	18
4	Effect of nitrogen vacancies on the growth, dislocation structure, and decomposition of single crystal epitaxial (Ti _{1-x} Al _x)N _y thin films. Acta Materialia, 2021, 203, 116509.	7.9	18
5	Predicting elastic properties of hard-coating alloys using ab-initio and machine learning methods. Npj Computational Materials, 2022, 8.	8.7	16
6	Strength, transformation toughening, and fracture dynamics of rocksalt-structure Ti _{1-x} Al _x N _y thin films. Acta Materialia, 2021, 203, 116509.	7.9	18
7	Crater wear mechanism of TiAlN coatings during high-speed metal turning. Wear, 2021, 484-485, 204016.	3.1	5
8	Resolving mass spectral overlaps in atom probe tomography by isotopic substitutions ϵ case of TiSi _{1.5} N. Ultramicroscopy, 2018, 184, 51-60.	1.9	4
9	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