

# Hazel Gardner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9218696/publications.pdf>

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9  
papers

186  
citations

1307366  
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1474057  
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all docs

9  
docs citations

9  
times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing solute hydrogen and hydrides in pure and alloyed titanium at the atomic scale. Acta Materialia, 2018, 150, 273-280.	3.8	81
2	An in-situ approach for preparing atom probe tomography specimens by xenon plasma-focussed ion beam. Ultramicroscopy, 2019, 202, 121-127.	0.8	29
3	Element segregation and $\beta$ formation in primary $\beta$ of a near- $\beta$ Ti-alloy. Materials Characterization, 2020, 164, 110327.	1.9	24
4	Quantifying the effect of oxygen on micro-mechanical properties of a near-alpha titanium alloy. Journal of Materials Research, 2021, 36, 2529-2544.	1.2	15
5	A study of the interaction of oxygen with the $\beta$ phase in the model alloy Ti-7wt%Al. Scripta Materialia, 2020, 185, 111-116.	2.6	13
6	Atom Probe Tomography Investigations of Microstructural Evolution in an Aged Nickel Superalloy for Exhaust Applications. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 1862-1872.	1.1	12
7	Green semipolar III-nitride light-emitting diodes grown by limited area epitaxy. Applied Physics Letters, 2016, 109, .	1.5	10
8	Combined APT, TEM and SAXS Characterisation of Nanometre-Scale Precipitates in Titanium Alloys. Microscopy and Microanalysis, 2019, 25, 2516-2517.	0.2	1
9	Nanoindentation, EPMA and Atom Probe Tomography Characterisation of Oxygen-rich Layer formed on a Titanium Jet Engine Component. Microscopy and Microanalysis, 2019, 25, 2534-2535.	0.2	1