

Frans Palmert

List of Publications by Year in descending order

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9
papers

80
citations

1684188

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h-index

1720034

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g-index

9
all docs

9
docs citations

9
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue crack growth behaviour of an alternative single crystal nickel base superalloy. International Journal of Fatigue, 2018, 109, 166-181.	5.7	27
2	Thermomechanical fatigue crack growth in a single crystal nickel base superalloy. International Journal of Fatigue, 2019, 122, 184-198.	5.7	26
3	Accounting for crack closure effects in TMF crack growth tests with extended hold times in gas turbine blade alloys. International Journal of Fatigue, 2021, 142, 105917.	5.7	8
4	Effect of SO2 and water vapour on the low-cycle fatigue properties of nickel-base superalloys at elevated temperature. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 564, 107-115.	5.6	6
5	Modelling the crack growth behaviour of a single crystal nickel base superalloy under TMF loading with long dwell times. International Journal of Fatigue, 2021, 144, 106074.	5.7	6
6	A Finite Element Study of the Effect of Crystal Orientation and Misalignment on the Crack Driving Force in a Single-Crystal Superalloy. , 2016, , .		3
7	Accounting for crack closure effects in out-of-phase TMF crack growth with extended hold times. International Journal of Fatigue, 2022, 158, 106740.	5.7	3
8	Modelling of the transition from mode I to crystallographic crack growth in a single crystal gas turbine blade alloy under service-like loading conditions. International Journal of Fatigue, 2022, 163, 107077.	5.7	1
9	Crystallographic crack propagation rate in single-crystal nickelbase superalloys. MATEC Web of Conferences, 2018, 165, 13012.	0.2	0