

Viktor Norman

List of Publications by Year in descending order

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docs citations

13
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110
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Ru on the thermomechanical fatigue deformation behavior of a single crystal superalloy. International Journal of Fatigue, 2022, 156, 106634.	5.7	9
2	The effect of dwell times and minimum temperature on out-of-phase thermomechanical fatigue crack propagation in a steam turbine steel – Crack closure prediction. International Journal of Fatigue, 2022, 162, 106971.	5.7	7
3	On the correlation between microstructural parameters and the thermo-mechanical fatigue performance of cast iron. International Journal of Fatigue, 2021, 145, 106112.	5.7	13
4	Out-of-phase thermomechanical fatigue crack propagation in a steam turbine steel – Modelling of crack closure. International Journal of Fatigue, 2021, 149, 106251.	5.7	11
5	On the mechanistic difference between in-phase and out-of-phase thermo-mechanical fatigue crack growth. International Journal of Fatigue, 2020, 135, 105528.	5.7	21
6	DevTMF – Towards code of practice for thermo-mechanical fatigue crack growth. International Journal of Fatigue, 2020, 138, 105675.	5.7	10
7	On the micro- and macroscopic elastoplastic deformation behaviour of cast iron when subjected to cyclic loading. International Journal of Plasticity, 2019, 115, 200-215.	8.8	17
8	Thermomechanical fatigue of grey cast iron brake discs for heavy vehicles. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 453-467.	1.9	9
9	Damage mechanisms in silicon-molybdenum cast irons subjected to thermo-mechanical fatigue. International Journal of Fatigue, 2017, 99, 258-265.	5.7	24
10	The transition from micro- to macrocrack growth in compacted graphite iron subjected to thermo-mechanical fatigue. Engineering Fracture Mechanics, 2017, 186, 268-282.	4.3	6
11	The effect of superimposed high-cycle fatigue on thermo-mechanical fatigue in cast iron. International Journal of Fatigue, 2016, 88, 121-131.	5.7	21
12	Damage evolution in compacted graphite iron during thermomechanical fatigue testing. International Journal of Cast Metals Research, 2016, 29, 26-33.	1.0	13
13	Thermo-mechanical and superimposed high-cycle fatigue interactions in compacted graphite iron. International Journal of Fatigue, 2015, 80, 381-390.	5.7	21