

Viktor Norman

List of Publications by Year in descending order

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13
papers

182
citations

1040056

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1125743

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all docs

13
docs citations

13
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage mechanisms in silicon-molybdenum cast irons subjected to thermo-mechanical fatigue. International Journal of Fatigue, 2017, 99, 258-265.	5.7	24
2	Thermo-mechanical and superimposed high-cycle fatigue interactions in compacted graphite iron. International Journal of Fatigue, 2015, 80, 381-390.	5.7	21
3	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
4	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
5	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
6	Damage evolution in compacted graphite iron during thermomechanical fatigue testing. International Journal of Cast Metals Research, 2016, 29, 26-33.	1.0	13
7	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
8	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
9	DevTMF – Towards code of practice for thermo-mechanical fatigue crack growth. International Journal of Fatigue, 2020, 138, 105675.	5.7	10
10	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
11	Influence of Ru on the thermomechanical fatigue deformation behavior of a single crystal superalloy. International Journal of Fatigue, 2022, 156, 106634.	5.7	9
12	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
13	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