Martin Evans

List of Publications by Year
in descending order

12	998	758635 12	1199166 12
papers	citations	h-index	g-index

12	12	12	356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of over-based calcium sulfonate detergent additives on white etching crack (WEC) formation in rolling contact fatigue tested 100Cr6 steel. Tribology International, 2019, 133, 246-262.	3.0	34
2	Thermal Desorption Analysis of Hydrogen in Non-hydrogen-Charged Rolling Contact Fatigue-Tested 100Cr6 Steel. Tribology Letters, 2018, 66, 4.	1.2	31
3	The Evolution of White Etching Cracks (WECs) in Rolling Contact Fatigue-Tested 100Cr6 Steel. Tribology Letters, 2018, 66, 6.	1.2	56
4	An updated review: White etching cracks (WECs) and axial cracks in wind turbine gearbox bearings. Materials Science and Technology, 2016, 32, 1133-1169.	0.8	141
5	Formation mechanisms of white etching cracks and white etching area under rolling contact fatigue. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2014, 228, 1047-1062.	1.0	24
6	Confirming subsurface initiation at non-metallic inclusions as one mechanism for white etching crack (WEC) formation. Tribology International, 2014, 75, 87-97.	3.0	106
7	Serial sectioning investigation of butterfly and white etching crack (WEC) formation in wind turbine gearbox bearings. Wear, 2013, 302, 1573-1582.	1.5	106
8	A FIB/TEM study of butterfly crack formation and white etching area (WEA) microstructural changes under rolling contact fatigue in 100Cr6 bearing steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 570, 127-134.	2.6	104
9	Effect of hydrogen on butterfly and white etching crack (WEC) formation under rolling contact fatigue (RCF). Wear, 2013, 306, 226-241.	1.5	91
10	White etching crack (WEC) investigation by serial sectioning, focused ion beam and 3-D crack modelling. Tribology International, 2013, 65, 146-160.	3.0	59
11	White structure flaking (WSF) in wind turbine gearbox bearings: Effects of â€˜butterfliesâ€™ and white etching cracks (WECs). Materials Science and Technology, 2012, 28, 3-22.	0.8	200
12	Tribological design constraints of marine renewable energy systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 4807-4827.	1.6	46