

Alan Hywel Jones

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

562
citations

933447

10
h-index

1199594

12
g-index

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all docs

12
docs citations

12
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Gamma irradiation-induced defects in borosilicate glasses for high-level radioactive waste immobilisation. <i>Journal of Nuclear Materials</i> , 2021, 544, 152702.	2.7	19
2	Wear resistance performance of thermally sprayed Al3Ti alloy measured by three body micro-scale abrasive wear test. <i>Wear</i> , 2013, 302, 972-980.	3.1	14
3	Tribological enhancement of AISI 420 martensitic stainless steel through friction-stir processing. <i>Wear</i> , 2013, 302, 863-877.	3.1	48
4	The effects of cryogenic processing on the wear resistance of grey cast iron brake discs. <i>Wear</i> , 2011, 271, 2386-2395.	3.1	48
5	The influence of cryogenic processing on wear on the impact wear resistance of low carbon steel and lamellar graphite cast iron. <i>Wear</i> , 2011, 271, 1481-1489.	3.1	25
6	The influence of induction hardening on the impact wear resistance of compacted graphite iron (CGI). <i>Wear</i> , 2011, 270, 302-311.	3.1	36
7	High-precision determination of residual stress of polycrystalline coatings using optimised XRD-sin ² ψ technique. <i>Surface and Coatings Technology</i> , 2010, 205, 1403-1408.	4.8	140
8	The improvement of hard facing coatings for ground engaging applications by the addition of tungsten carbide. <i>Wear</i> , 2009, 267, 925-933.	3.1	13
9	Micro-scale abrasive wear of silicon nitride, sialon-TiB ₂ composites and D2 tool steel using a multiple load method. <i>Wear</i> , 2005, 258, 942-952.	3.1	9
10	A tribological study of cobalt chromium molybdenum alloys used in metal-on-metal resurfacing hip arthroplasty. <i>Wear</i> , 2003, 255, 999-1006.	3.1	115
11	Mechanical properties and tribology of Si ₃ N ₄ -TiB ₂ ceramic composites produced by hot pressing and hot isostatic pressing. <i>Journal of the European Ceramic Society</i> , 2001, 21, 969-980.	5.7	65
12	Production and EDM of Si ₃ N ₄ -TiB ₂ ceramic composites. <i>Advances in Applied Ceramics</i> , 2001, 100, 49-54.	0.4	30