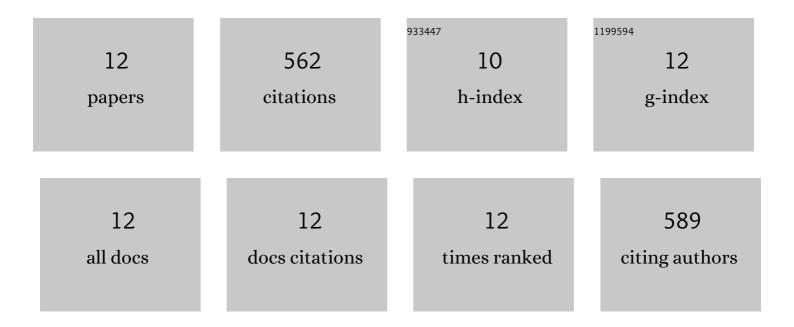
## Alan Hywel Jones

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High-precision determination of residual stress of polycrystalline coatings using optimised XRD-sin2ψ technique. Surface and Coatings Technology, 2010, 205, 1403-1408.	4.8	140
2	A tribological study of cobalt chromium molybdenum alloys used in metal-on-metal resurfacing hip arthroplasty. Wear, 2003, 255, 999-1006.	3.1	115
3	Mechanical properties and tribology of Si3N4–TiB2 ceramic composites produced by hot pressing and hot isostatic pressing. Journal of the European Ceramic Society, 2001, 21, 969-980.	5.7	65
4	The effects of cryogenic processing on the wear resistance of grey cast iron brake discs. Wear, 2011, 271, 2386-2395.	3.1	48
5	Tribological enhancement of AISI 420 martensitic stainless steel through friction-stir processing. Wear, 2013, 302, 863-877.	3.1	48
6	The influence of induction hardening on the impact wear resistance of compacted graphite iron (CGI). Wear, 2011, 270, 302-311.	3.1	36
7	Production and EDM of Si3N4–TiB2ceramic composites. Advances in Applied Ceramics, 2001, 100, 49-54.	0.4	30
8	The influence of cryogenic processing on wear on the impact wear resistance of low carbon steel and lamellar graphite cast iron. Wear, 2011, 271, 1481-1489.	3.1	25
9	Gamma irradiation-induced defects in borosilicate glasses for high-level radioactive waste immobilisation. Journal of Nuclear Materials, 2021, 544, 152702.	2.7	19
10	Wear resistance performance of thermally sprayed Al3Ti alloy measured by three body micro-scale abrasive wear test. Wear, 2013, 302, 972-980.	3.1	14
11	The improvement of hard facing coatings for ground engaging applications by the addition of tungsten carbide. Wear, 2009, 267, 925-933.	3.1	13
12	Micro-scale abrasive wear of silicon nitride, sialon–TiB2 composites and D2 tool steel using a multiple load method. Wear, 2005, 258, 942-952.	3.1	9