

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

12
all docs

12
docs citations

12
times ranked

589
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 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 | Tribological enhancement of AISI 420 martensitic stainless steel through friction-stir processing. <i>Wear</i> , 2013, 302, 863-877. | 3.1 | 48 |
| 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 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Wear resistance performance of thermally sprayed Al ₃ Ti alloy measured by three body micro-scale abrasive wear test. <i>Wear</i> , 2013, 302, 972-980. | 3.1 | 14 |
| 11 | 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 |
| 12 | 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 |