

Chedly Braham

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10919262/publications.pdf>

Version: 2024-02-01

17
papers

378
citations

1307594

7
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

362
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Effect of electro discharge machining (EDM) on the AISI316L SS white layer microstructure and corrosion resistance. International Journal of Advanced Manufacturing Technology, 2013, 65, 141-153. | 3.0 | 74 |
| 2 | Evaluation of residual stress relaxation and its effect on fatigue strength of AISI 316L stainless steel ground surfaces: Experimental and numerical approaches. International Journal of Fatigue, 2013, 48, 109-121. | 5.7 | 74 |
| 3 | Effects of abrasive type cooling mode and peripheral grinding wheel speed on the AISI D2 steel ground surface integrity. International Journal of Machine Tools and Manufacture, 2009, 49, 261-272. | 13.4 | 63 |
| 4 | Ground surface improvement of the austenitic stainless steel AISI 304 using cryogenic cooling. Surface and Coatings Technology, 2006, 200, 4846-4860. | 4.8 | 48 |
| 5 | Mechanical properties of phases in austeno-ferritic duplex stainless steel—Surface stresses studied by X-ray diffraction. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 444, 6-17. | 5.6 | 48 |
| 6 | Influences of up-milling and down-milling on surface integrity and fatigue strength of X160CrMoV12 steel. International Journal of Advanced Manufacturing Technology, 2019, 105, 1209-1228. | 3.0 | 19 |
| 7 | Potential fatigue strength improvement of AA 5083-H111 notched parts by wire brush hammering: Experimental analysis and numerical simulation. Materials & Design, 2014, 64, 503-519. | 5.1 | 17 |
| 8 | Effect of Machining Conditions on Residual Stress Corrosion Cracking of 316L SS. Materials Science Forum, 2005, 490-491, 305-310. | 0.3 | 7 |
| 9 | Effect of Surface Properties on the Fatigue Life of Manufactured Parts: Experimental Analysis and Multi-Axial Criteria. Advanced Materials Research, 2014, 996, 715-721. | 0.3 | 7 |
| 10 | Numerical Assessment of Residual Stress Induced by Machining of Aluminum Alloy. Advanced Materials Research, 2014, 996, 628-633. | 0.3 | 6 |
| 11 | Prediction of Cyclic Residual Stress Relaxation by Modeling Approach. Advanced Materials Research, 2014, 996, 743-748. | 0.3 | 5 |
| 12 | Intégrité de surface et tenue en fatigue des pièces usinées par électroérosion. European Journal of Control, 2004, 29, 79-91. | 2.6 | 5 |
| 13 | Large Deformation and Mechanical Effects of Damage in Aged Duplex Stainless Steel. Materials Science Forum, 0, 652, 155-160. | 0.3 | 2 |
| 14 | Combined effects of abrasive type and cooling mode on fatigue resistance of AISI D2 ground surface. International Journal of Fatigue, 2020, 138, 105665. | 5.7 | 2 |
| 15 | A Predictive Methodology for High-Cycle Fatigue Behavior of Machined Metallic Parts. Journal of Materials Engineering and Performance, 2022, 31, 4776-4794. | 2.5 | 1 |
| 16 | Residual Stress in Ferrite and Austenite after Rolling and Recovery Processes. Materials Science Forum, 0, 772, 79-83. | 0.3 | 0 |
| 17 | Study of Stresses in Texture Components Using Neutron Diffraction. Materials Science Forum, 0, 768-769, 289-295. | 0.3 | 0 |