

Jesus Ruiz-Hervias

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

111
citations

1478505

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1372567

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docs citations

12
times ranked

149
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Determination of mechanical properties of Al ₂ O ₃ /Y-TZP ceramic composites: Influence of testing method and residual stresses. <i>Ceramics International</i> , 2016, 42, 18700-18710. | 4.8 | 33 |
| 2 | Specific properties of ferritic/austenitic Dissimilar Metals Welded Joints. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2011, 55, 2-11. | 2.5 | 30 |
| 3 | Residual stress and diffraction line-broadening analysis of Al ₂ O ₃ /Y-TZP ceramic composites by neutron diffraction measurement. <i>International Journal of Refractory Metals and Hard Materials</i> , 2017, 64, 122-134. | 3.8 | 13 |
| 4 | Micro-scale mechanical characterization of Inconel cermet coatings deposited by laser cladding. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2016, 55, 136-142. | 1.9 | 9 |
| 5 | Effect of Al ₂ TiO ₅ Content and Sintering Temperature on the Microstructure and Residual Stress of Al ₂ O ₃ -Al ₂ TiO ₅ Ceramic Composites. <i>Materials</i> , 2021, 14, 7624. | 2.9 | 8 |
| 6 | Neutron diffraction residual stress analysis of Al ₂ O ₃ /Y-TZP ceramic composites. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2016, 55, 13-23. | 1.9 | 7 |
| 7 | Residual stresses in Al ₂ O ₃ /Y-TZP Ceramic Laminates Fabricated by Tape and Slip Casting. <i>Materials Science Forum</i> , 2008, 571-572, 327-332. | 0.3 | 4 |
| 8 | Failure mechanisms in unirradiated ZIRLO® cladding with radial hydrides. <i>Journal of Nuclear Materials</i> , 2021, 544, 152668. | 2.7 | 4 |
| 9 | Use of iterative algorithms to calculate the softening curve in concrete. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2019, 58, 64-68. | 1.9 | 2 |
| 10 | Effect of Varying Cold-Drawing Deformation on Residual Stresses Measured by Neutron Diffraction in Steel Rods. <i>Materials Science Forum</i> , 2008, 571-572, 51-56. | 0.3 | 1 |
| 11 | Residual Strain Profiles in Alumina-Zirconia Ceramic Composites. <i>Materials Science Forum</i> , 0, 652, 57-62. | 0.3 | 0 |
| 12 | Effect of Initial Residual Stress on Stress Relaxation in Cold-Drawn Steel Rods. <i>Materials Science Forum</i> , 2010, 652, 227-232. | 0.3 | 0 |