

# Jesus Ruiz-Hervias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3802790/publications.pdf>

Version: 2024-02-01

12  
papers

111  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

149  
citing authors

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