

DEPARTAMENTO DE CIENCIA
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QUIMICA

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Actividades de investigación

Tesis Doctorales

- Caracterización de Ferritas NI-ZN Obtenidas por Compactación Uniaxial y Moldeo de Inyección de Polvos
Autores: GUTIERREZ, J.
Director/Codirectores: VAREZ, A.; LEVENFELD, B.
Año: 2014
- Desarrollo de nuevos aceros ferríticos ODS para aplicaciones nucleares.
Autores: GARCIA, N.
Director/Codirectores: TORRALBA, J.M.; CAMPOS, M.
Año: 2014
- Desenvolvimento de Cermets e Recobrimentos a base de Níobio para Aplicações em ferramentas (Desarrollo de cermets y recubrimientos base NB para aplicaciones en herramientas)
Autores: FRANCO, E.
Director/Codirectores: GORDO, E.; DA COSTA, C.E.
Centro donde se presentó: CENTRO DE CIENCIAS TECNOLÓGICAS - CCT
Año: 2014
- Development of binder systems based on CAB for powder injection moulding (PIM) and micro powder injection moulding (μ -PIM) of Zircon and Invar
Autores: HIDALGO, J.
Director/Codirectores: TORRALBA, J.M.; JIMENEZ, A.
Año: 2014
- EMI shielding composites based on magnetic nanoparticles and nanocarbons
Autores: CRESPO, M.
Director/Codirectores: POZUELO DE, J.; GONZALEZ, M. , M.G. Gonzalez, Maria Gonzalez
Año: 2014
- High Temperature Mechanical Behavior of Al/SiC Nanoscale Multilayers
Autores: LOTFIAN, S.
Director/Codirectores: MOLINA, J.M.; LLORCA, J.
Año: 2014
- In situ analysis of the high temperature deformation and fracture mechanisms of a gamma titanium aluminide alloy
Autores: MUÑOZ, R.
Director/Codirectores: E.M. RUIZ-NAVAS; PÉREZ, T.
Año: 2014

- Influencia de la composición y el conformado en el comportamiento frente a la corrosión de los corrugados de acero inoxidable
Autores: ALVAREZ, S.M.
Director/Codirectores: VELASCO, F.J.; BAUTISTA, M. A.
Año: 2014

- Nanocomposites de matriz epoxi: caracterización de la interfase por fluorescencia
Autores: ANTONELLI, C.
Director/Codirectores: SERRANO, B. ; CABANELAS, J. C.
Año: 2014

- Optimización de fases líquidas para la sinterización de aceros: efecto en la microestructura y comportamiento dimensional.
Autores: BERNARDO, E.
Director/Codirectores: TORRALBA, J.M.; CAMPOS, M.
Año: 2014

- Procesamiento por polvos de Ti mediante asociación de técnicas coloidales y pulvimetalúrgicas
Autores: R. G. Neves
Director/Codirectores: GORDO, E.
Año: 2014

- Processing and properties of high performance 7075 Al and AZ91 Mg powder metallurgy alloys.
Autores: JABBARI, M.A.
Director/Codirectores: TORRALBA, J.M.
Año: 2014

- Síntesis y Diseño de Nuevos Nanorrefuerzos basados en Polirrotaxanos y su efecto en una matriz Epoxídica
Autores: ATENCIA, J.J.
Director/Codirectores: SERRANO, B. ; POZUELO DE, J.
Año: 2014

- Size Effects in LiF Plasticity: New Insights into the Lattice Resistance Contribution
Autores: SOLER, R.A.
Director/Codirectores: MOLINA, J.M.; SEGURADO, J.
Año: 2014

- Tratamientos superficiales sobre materiales de alta energía superficial
Autores: RODRIGUEZ, C.
Director/Codirectores: MARTINEZ, M.A.; ABENOJAR, J.
Año: 2014

Publicaciones y actividades de difusión de resultados

Publicaciones en revistas científicas nacionales

- SANZ-RUIZ, P.; PAZ, E.; ABENOJAR, J. ; REAL, J.C.D.; FORRIOL, F.; VAQUERO, J.
Influencia del medio fisiológico sobre las propiedades mecánicas del cemento óseo. ¿Son los estudios actuales extrapolables? = Influence of the physiological medium on the mechanical properties of bone cement: can current studies be extrapolated?, *Revista Española de Cirugía Ortopédica y Traumatología* , Vol. 58, Núm. 1, 2014, pp. 3-10, ESPAÑA.

- TORRALBA, J.M.; CAMPOS, M.
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Optimisation of eco-friendly binary binder system for powder injection moulding, *Powder Metallurgy*, Vol. 57, Núm. 3, 2014, pp. 196-203, REINO UNIDO.
- ABENOJAR, J. ; BARBOSA, A.Q.; BALLESTEROS, Y.; REAL, J.C.D.; DA SILVA, L.F.M.; MARTINEZ, M.A.
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