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PUBLICATIONS

“Shear Behavior of Fe/Fe_3O_4 interfaces”. Revista Materia V23-N2 (2018). Mariano Forti, Paula Alonso, Pablo Gargano, Gerardo Rubiolo.

“Properties of hexagonal Zr and tetragonal ZrO_2 low index surfaces from DFT calculations”. Revista Materia V23-N2 (2018). Paula Alonso, Pablo Gargano, Laura Kniznik, Gerardo Rubiolo.

“Concentration of constitutional and thermal defects in UAl_4 ” Journal of Nuclear Materials **478 (2016) 74-82.** Pablo Gargano, Laura Kniznik, Paula Alonso, Mariano Forti, Gerardo Rubiolo.

“A DFT study of atomic structure and adhesion at the $Fe(BCC)/Fe_3O_4$ interfaces”. Surface Science 647 (2016) 55–65. Mariano Forti, Paula Alonso, Pablo Gargano, Perla Balbuena, Gerardo Rubiolo.

“Charge difference calculation in Fe/Fe_3O_4 interfaces from DFT results”. Procedia Materials Science 8 (2015) pp 1066 – 1072. Diego Tozini, Mariano Forti, Paula Alonso, Pablo Gargano, Gerardo Rubiolo.

“Adhesion Energy of the $Fe(BCC)/Magnetite$ Interface within the DFT approach”. Procedia Materials Science 9 (2015) pp 612 – 618. Diego Tozini, Mariano Forti, Pablo Gargano, Paula Alonso, Gerardo Rubiolo.

“Ab-initio studies on carburization of Fe_3Al based alloys”. Procedia Materials Science 1 (2012) 191 – 198. Mariano Forti, Perla Balbuena, Paula Alonso.

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“Transition metals monoxides. An LDA+U study”. Procedia Materials Science 1 (2012) 230 – 234. Mariano Forti, Paula R. Alonso, Pablo H. Gargano, Gerardo H. Rubiolo.

“Electric and magnetic properties of PMMA/manganite composites”. Physica B 404 (2009) 2760– 2762. Artale, C., Fermepin, S., Latino, M., Quintero, M., Granja, L., Sacanell, J., Polla G., Levy P.