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Título Profesional o Grado Académico (incluya el año de obtención):

INGENIERO CIVIL MECÁNICO, UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA, VALPARAÍSO, CHILE 1963

Estudios de Postgrado o Especialización (institución donde lo obtuvo y año de obtención):

PH.D. UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE, USA 1967.

Actividad Actual e Institución en la cual trabaja:

PROFESOR TITULAR DE LA UNIVERSIDAD DE CHILE. DEPARTAMENTO DE FÍSICA, FACULTAD DE CIENCIAS. PROFESOR TITULAR DE LA PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE. INVESTIGADOR TITULAR DE CENTRO PARA EL DESARROLLO DE LA NANOCIENCIA Y LA NANOTECNOLOGÍA. PREMIO NACIONAL DE CIENCIAS EXACTAS 2007.

Reseña de su actividad laboral actual:

Áreas de Interés:

Estructura y propiedades de nanoclusters metálicos.

Propiedades y aplicaciones de Multicapas magnéticas como sensores.

Comportamientos de nanotubos de carbono llenos de hierro

PUBLICACIONES INDEXADAS:

Muñoz, F., Altbir, D., Kiwi, M., Morán-López, J.L.
Properties of Fe₈-NCoN nanoribbons and nanowires: A DFT approach
(2013) Journal of Magnetism and Magnetic Materials, 339, pp. 75-80.
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Rogan, J., Ramírez, M., Varas, A., Kiwi, M.
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Muñoz, F., Cardenas, C., Rogan, J., Valdivia, J.A., Fuentealba, P., Kiwi, M.
Ab initio molecular dynamics simulations of Ti₂ on C 20 collisions and C₂₀Ti₂ configurations
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The role of d-orbital polarization on rhodium cluster collisions
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Soza, P., Hansen, F.Y., Taub, H., Kiwi, M., Cisternas, E., Volkmann, U.G., Del Campo, V.

Molecular-dynamics simulation of lateral friction in contact-mode atomic force microscopy of alkane films: The role of molecular flexibility

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Mejía-López, J., Ramírez, R., Kiwi, M.
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