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

PROFESOR DE QUÍMICA, UNIVERSIDAD DE CHILE, 1971.

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DOCTOR EN CIENCIAS CON MENCIÓN EN QUÍMICA, UNIVERSIDAD DE CHILE, 1985.

Actividad Actual e Institución en la cual trabaja:

PROFESOR ASOCIADO, DEPARTAMENTO DE QUÍMICA, UNIVERSIDAD DE CHILE

Reseña de su actividad laboral actual:

Área de Investigación: Físicoquímica Molecular - Espectroscopía Molecular.

Línea de Investigación: Espectroscopía Vibracional de Macro ciclos y Complejos metálicos de macrociclos. Estructura Molecular y Orientación Molecular de películas delgadas y efecto de superficie. Espectroscopía Infrarroja por reflectancia Especular de moléculas orientadas sobre superficies metálicas.

PUBLICACIONES:

CLAVIJO CAMPOS, RUDECINDO ERNESTO

Aguayo, T., Garrido, C., Clavijo, R.E., Gómez-Jeria, J.S., Araya Monasterio, C., Icaza, M., Espinoza Moraga, F., Campos Vallette, M.M.

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Vibrational and theoretical study of azabipiridyl macrocycle and its Ni(II), Cu(II) and Zn(II) complexes deposited onto a smooth copper surface

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Aroca, R., Clavijo, R.E., Jennings, C.A., Kovacs, G.J., Duff, J.M., Loufty, R.O.

Vibrational spectra of lutetium and ytterbium bis-phthalocyanine in thin solid films and SER(R)S on silver island films

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PROYECTOS DE INVESTIGACIÓN:

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INVESTIGADOR RESPONSIBLE. 1090074 SURFACE ENHANCED RAMAN SPECTROSCOPY IN THE STUDY OF SHOCKWAVES TREATED TISSUES. 2009

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