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

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

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Actividad Actual e Institución en la cual trabaja:

**PROFESOR ASOCIADO, DEPARTAMENTO DE QUÍMICA, UNIVERSIDAD DE CHILE**

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Reseña de su actividad laboral actual:

Área de Investigación: Físicoquímica Molecular - Espectroscopía Molecular.

Línea de Investigación: Espectroscopía Vibracional de Macrociclos y Complejos metálicos de macrociclos. Estructura Molecular y Orientación Molecular de películas delgadas y efecto de superficie. Espectroscopia 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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Adsorption of oligopeptides on silver nanoparticles: Surface-enhanced Raman scattering and theoretical studies

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Surface vibrational study of macrocycle complexes: Co(II), Ni(II), Cu(II) and Zn(II) bis(phenylhydrazine)-1,10-phenanthroline

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Campos-Vallette, M.M., Clavijo, R.E.C., Costamagna, J., Canales, J., Diaz, G.F., Mendizabal, F.E., Ramirez, J.M., Saavedra, M.S.

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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Clavijo, R.E., Weiss-Lopez, B., Rivera, L.  
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## **PROYECTOS DE INVESTIGACIÓN:**

COINVESTIGADOR. 1110106 VIBRATIONAL SPECTROSCOPY FOR THE STUDY OF ARTWORK MATERIALS IN THE CHILEAN CULTURAL HERITAGE. 2011

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

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