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

LICENCIATURA EN CIENCIAS C/M EN QUÍMICA, UNIVERSIDAD DE CHILE 1978.

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

DOCTOR EN CIENCIAS (DR. RECURSOS NATURALES) UNIVERSITAT STUTTGART, ALEMANIA 1983. POSTDOCTORADO: MAX-PLANCK INSTITUT FKF, ALEMANIA

Actividad Actual e Institución en la cual trabaja:

PROFESOR TITULAR DE LA UNIVERSIDAD DE CHILE. DEPARTAMENTO DE QUÍMICA, FACULTAD DE CIENCIAS. DIRECTOR DE INVESTIGACIÓN DE LA FACULTAD DE CIENCIAS.

Reseña de su actividad laboral actual:

Área de Investigación: Química de estado sólido y cristalografía.

Línea de Investigación: Síntesis de nuevos nanocompositos orgánico-inorgánico, Materiales Ópticos, Materiales Magnetoeléctricos; estudio de sus propiedades físicas, tales como, conductividad eléctrica, propiedades magnéticas, transiciones de

fases..Estudios estructurales. Determinación de estructura cristalina por difracción de rayos X.

Docencia: Química general, Cristalografía, Química de Estado Sólido

PUBLICACIONES INDEXADAS:

López-Vergara, F., Galdámez, A., Manríquez, V., Barahona, P., Peña, O.
Cu₂Mn_{1-x}CoxSnS₄: Novel k sterite type solid solutions
(2013) Journal of Solid State Chemistry, 198, pp. 386-391.
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<http://www.scopus.com/inward/record.url?eid=2-s2.0-77950856751&partnerID=40&md5=d7b42398f8cf4a4487893282e0859480>
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Manríquez, V., Galdámez, A., Cerda-Monje, A., Peña, O.,  vila, R.E.

Electrical and magnetic properties of quaternary rare earth thiophosphate:
K₄Sm₂[PS₄]₂[P₂S₆]

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New quaternary alkali metal, rare earth (3+) thiophosphate, K₂SmP₂S₇ with both [P₂S₆]⁴⁻ and [PS₄]³⁻ anions

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AMP2SE6 with A = Cu, Ag and M = Bi, Sb
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Loyola, L.A., Bórquez, J., Morales, G., San-Martín, A., Manríquez, V., Boys, D., Darias, J.
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Loyola, L.A., Bórquez, J., Galdámez, A., Manríquez, V., San-Martín, A.
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Yutronic, N., Manríquez, V., Jara, P., Wittke, O., González, G.
Dicyclohexylamine-Thiourea Clathrate

(2001) Supramolecular Chemistry, 12 (4), pp. 397-403. Cited 10 times.

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Brito, I., Diaz, C., Gonzalez, G., Rodriguez, M.L., Manriquez, V.

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Manríquez, V., Galdámez, A., Villanueva, A., Aranda, P., Galván, J.C., Ruiz-Hitzky, E. Insertion of In(III) and Ga(III) into MPS3 (M = Mn, Cd) layered materials (1999) *Materials Research Bulletin*, 34 (5), pp. 673-683. Cited 7 times.
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Leiva, C., Klahn, A.H., Godoy, F., Toro, A., Manriquez, V., Wittke, O., Sutton, D. Synthesis and X-ray structure of the rhenium methyl complex trans-Cp*Re(CO)₂(Me)I and a study of the products of photolysis of the rhenium alkyl methyl and dimethyl complexes Cp*Re(CO)₂(Me)R (R = Ph, p-Tolyl, Me) under CO (1999) *Organometallics*, 18 (3), pp. 339-347. Cited 7 times.
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Mejias, L., Rezende, M.C., Sepulveda-Boza, S., Araya-Maturana, R., Boys, D., Cassels, B.K., Manriquez, V. Crystal structure of 7-bromo-5,8-dihydroxy-4,4-dimethyl-4H-naphthalen-1-one (1998) *Boletín de la Sociedad Chilena de Química*, 43 (4), pp. 485-492.
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Absolute configuration of a tetrachloro monoterpene from *Plocamium cartilagineum* (1998) *Acta Crystallographica Section C: Crystal Structure Communications*, 54 (6), pp. 816-818. Cited 2 times.
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