



Nombres:

SYLVIA VIOLETA

Apellidos:

COPAJA CASTILLO

Contacto (Opcional):

SCOPAJA@UCHILE.CL

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

PROFESOR DE ESTADO EN QUÍMICA Y CIENCIAS, 1972

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

MAGÍSTER EN CIENCIAS C/M EN QUÍMICA, UNIVERSIDAD DE CHILE 1987.

Actividad Actual e Institución en la cual trabaja:

PROFESOR ADJUNTO DE LA UNIVERSIDAD DE CHILE. ESCUELA DE PREGRADO DE LA FACULTAD DE CIENCIAS.

Reseña de su actividad laboral actual:

Área de Investigación: Química Analítica, Análisis Instrumental.

Líneas de Investigación: Dinámica de pesticidas y metales pesados en aguas, suelos y sedimentos. Proyecto Fondecyt, Contemporary evolution induced by dams effects on migration and habitat quality, participación como co-investigador.

Docencia: Química de Suelos, Contaminación de Suelos, Análisis Instrumental II, Espectrofotometría de Absorción Atómica y sus aplicaciones (Coordinador). Métodos Instrumentales de Análisis y Pesticidas, química y medio ambiente (Colaborador)

Administración: Jefe Carrera Química Ambiental, miembro Consejo Escuela de Pregrado

Extensión: Coordinador Académico Postítulo de mención en Estudio y Comprensión de la Naturaleza para profesores de Educación Básica

PUBLICACIONES:

Copaja, S.V., Díaz, G., Toro, R., Tessada, R., Miranda, P., Morales, J.R.
Determination of mining activity of river sediments of three Chilean basins by particle induced X-ray emission (PIXE)

(2012) Journal of the Chilean Chemical Society, 57 (4), pp. 1400-1403.

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[84877054647&partnerID=40&md5=d13a8ca5da301f1b636c52bd62a86b10](http://www.scopus.com/inward/record.url?eid=2-s2.0-84877054647&partnerID=40&md5=d13a8ca5da301f1b636c52bd62a86b10)

DOCUMENT TYPE: Article

SOURCE: Scopus

Copaja, S.V., Bravo, H.R., Muñoz, P.

Adsorption of fungicides in Chilean soils incubated with biosolids

(2012) Journal of the Chilean Chemical Society, 57 (2), pp. 1091-1094.

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(2008) Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 63 (5-6), pp. 389-394.

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SOURCE: Scopus

Silva, H., Copaja, S.V., Bravo, H.R., Argandoña, V.H.

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(2006) Zeitschrift fur Naturforschung - Section C Journal of Biosciences, 61 (9-10), pp. 704-708. Cited 5 times.

[http://www.scopus.com/inward/record.url?eid=2-s2.0-](http://www.scopus.com/inward/record.url?eid=2-s2.0-33750936608&partnerID=40&md5=a55d103e6bacd7dc2add4de94dc52a8a)

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Copaja, S.V., Villarroel, E., Bravo, H.R., Pizarro, L., Argandoña, V.H.

Hydroxamic acids in *Secale cereale* L. and the relationship with their antifeedant and allelopathic properties

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Graham and their antibacterial activity
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Compounds

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times.

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177-180. Cited 4 times.

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Chemical basis for the antimicrobial activity of acetanilides
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Antimicrobial Activity of Natural 2-Benzoxazolinones and Related Derivatives

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The Triticeae as sources of hydroxamic acids, secondary metabolites in wheat conferring resistance against aphids

(1992) *Hereditas*, 116 (3), pp. 295-299. Cited 26 times.

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Zúñiga, G.E., Copaja, S.V., Bravo, H.R., Argandoña, V.H.

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Niemeyer, H.M., Pesel, E., Copaja, S.V., Bravo, H.R., Franke, S., Francke, W.
Changes in hydroxamic acid levels of wheat plants induced by aphid feeding
(1989) *Phytochemistry*, 28 (2), pp. 447-449. Cited 44 times.
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0000886369&partnerID=40&md5=4b390125667e2c1b7f8fa7111ff855bd>
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Copaja, S.V., Bravo, H.R., Niemeyer, H.M.
Quantitation of N-(2-hydroxy-4-methoxyphenyl)glyoxylohydroxamic acid, a reactive intermediate in reactions of 2,4-dihydroxy-7-methoxy-1,4-benzoxazin-3-one
(1986) *Journal of Organic Chemistry*, 51 (18), pp. 3542-3545. Cited 3 times.
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González, G., Díaz, C., Copaja, S.
Reactions of diaminosulfanes with copper(II) salts [Reaktionen von Diaminosulfanen mit Kupfer(II)-Salzen]
(1983) *Monatshefte für Chemie Chemical Monthly*, 114 (2), pp. 177-183. Cited 1 time.
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PROYECTOS DE INVESTIGACIÓN:

COINVESTIGADOR. 1100341 CONTEMPORARY EVOLUTION INDUCED BY DAMS: EFFECTS ON MIGRATION AND HABITAT QUALITY. 2010

INVESTIGADOR ALTERNO. 1921056 ACIDOS HIDROXAMICOS DEL TRIGO: UTILIZACION EN LA RESISTENCIA CONTRA AFIDOS. 1992

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