

**DRA. MARIELA MATOS REYES**

**CURRICULUM VITAE**

**ESTUDIOS**

- 2004 – 2007**                    **PONTIFICIA UNIVERSIDADE CATOLICA DO RIO DE JANEIRO**  
**Doctora en Ciencias Químicas**
- 2002 – 2003**                    **PONTIFICIA UNIVERSIDADE CATOLICA DO RIO DE JANEIRO**  
**Magister en Química Analítica**
- 1993 – 1999**                    **PONTIFICIA UNIVERSIDAD CATOLICA DEL PERU**  
**Bachiller en Ciencias y Licenciada en Química**

**EXPERIENCIA LABORAL**

- 11/2013 - 03/2014**        **UNIVERSIDAD DE PIURA (UDEP)**  
**Área: Facultad de Ingeniería**  
**Cargo: Docente**
- 08/2012 - 06/2013**        **PONTIFICIA UNIVERSIDAD CATOLICA DEL PERU**  
**Área: Departamento de Ciencia y Escuela de Posgrado**  
**Cargo: Docente**
- 09/2011 - 06/2012**        **CENIM – CONSEJO SUPERIOR DE INVESTIGACION CIENTIFICA**  
**(CSIC – España)**  
**Área: Metalurgia Física**  
**Cargo: Investigadora**
- 09/2008 – 12/2010**        **UNIVERSIDAD DE VALENCIA (España) Área:**  
**Departamento de Química Analítica**  
**Cargo: Investigadora**
- 07/2001 – 12/2001**        **PONTIFICIA UNIVERSIDAD CATOLICA DEL PERU**  
**Área: Departamento de Ciencias**  
**Cargo: Docente**

**06/2000 - 06/2001      MINERA YANACOCHA SRL.**

**Área: Medio Ambiente**

**Cargo: Supervisor**

## **PUBLICACIONES**

1. AUTORES: Mariela N.Matos-Reyes, Maria L. Cervera and Miguel de la Guardia  
TITULO: Matrix Effect Evaluation in food samples after Microwave assisted digestion and trace metal analysis by ICP-OES  
REF. REVISTA/LIBRO: Anal. Bioanal. Chem. 2011 (en prensa)  
INDICE DE IMPACTO: FI 3.480, 6/70
2. AUTORES: Z. Benzo, Mariela N.Matos-Reyes, Maria L. Cervera, and M. de la Guardia  
TITULO: Simultaneous determination of hydride and non-hydride forming elements by inductively coupled plasma optical emission spectrometry  
REF. REVISTA/LIBRO: J. Brazil. Chem. Soc. 22, 9, 1782-1787, 2011.  
INDICE DE IMPACTO: 1.458 (66/140)
3. AUTORES: Mariela N.Matos-Reyes, J. Simonot, O. López-Salazar, Maria L. Cervera and Miguel de la Guardia  
TITULO: Authentication of Alicante's Mountain cherries protected designation of origin by their mineral profile  
REF. REVISTA/LIBRO: Food Chem, 141, 3, 2191-2197, 2013.  
INDICE DE IMPACTO: 3.757, 5/70
4. AUTORES: Hadla Sousa-Ferreira, Mariela N.Matos-Reyes, Maria L. Cervera, Sergio L. Costa-Ferreira and Miguel de la Guardia  
TITULO: Screening of toxic inorganic arsenic species in garlic (*Allium sativum* L.)  
REF. REVISTA/LIBRO: Food Anal. Method, DOI 10.1007/s12161-010-9187-8, 2011  
INDICE DE IMPACTO: FI 1.400, 37/40
5. AUTORES: Mariela N.Matos-Reyes, Maria L. Cervera and Miguel de la Guardia  
TITULO: Determination of Inorganic Species of Sb and Te Cereals by Hydride Generation Atomic Fluorescence Spectrometry.  
REF. REVISTA/LIBRO: J. Brazil. Chem. Soc. 22, 2, 197-203, 2011  
INDICE DE IMPACTO: 1.458, 66/140
6. AUTORES: Mariela N.Matos-Reyes, Maria L. Cervera, R.C. Campo and M. de la Guardia  
TITULO: Total content of As, Sb, Se, Te and Bi in Spanish vegetables, cereals and pulses and estimation of the contribution of these foods to the Mediterranean daily intake of trace elements.  
REF. REVISTA/LIBRO: Food Chem. 122, 188–194, 2010  
INDICE DE IMPACTO: 3.146, 6/40
7. AUTORES: Mariana A. Vieira, Patricia Grinberg, Cláudio R.R. Bobeda, Mariela N.Matos-Reyes, Reinaldo C. Campos.  
TITULO: Non-chromatographic atomic spectrometric methods in speciation analysis: A review  
REF. REVISTA/LIBRO: Spectrochim. Acta B, 64, 459-476, 2009

INDICE DE IMPACTO: FI 2.719, 9/39

8. AUTORES: Mariela N. Matos-Reyes, Maria L. Cervera and M. de la Guardia  
TITULO: Determination of total Sb, Se, Te and Bi and evaluation of their inorganic species in garlic by Hydride Generation Atomic Fluorescence Spectrometry  
REF. REVISTA/LIBRO: Anal. Bioanal. Chem., 394, 1557 – 1562, 2009  
INDICE DE IMPACTO: 3.480, 6/70
9. AUTORES: Mariela N. Matos-Reyes, Maria L. Cervera, R. C. Campos and M. de la Guardia  
TITULO: Non chromatographic speciation of toxic arsenic in vegetables by hydride generation-atomic fluorescence spectrometry after ultrasound-assisted extraction  
REF. REVISTA/LIBRO: Talanta 75, 811 – 816, 2008  
INDICE DE IMPACTO: 3.290, 9/70
10. AUTORES: Mariela N. Matos-Reyes, Maria L. Cervera, R. C. Campos and M. de la Guardia  
TITULO: Determination of arsenite, arsenate, monomethylarsonic acid and dimethylarsinic acid in cereals by hydride generation atomic fluorescence spectrometry.  
REF. REVISTA/LIBRO: Spectrochim. Acta B, 62, 1078 - 1082, 2007  
INDICE DE IMPACTO: 2.719, 9/39
11. AUTORES: Mariela N. Matos-Reyes and R. C. Campos  
TITULO: Determination of copper and nickel in vegetable oils by direct sampling graphite furnace atomic absorption spectrometry  
REF. REVISTA/LIBRO: Talanta, 70, 929-932, 2006  
INDICE DE IMPACTO: 3.290, 9/70
12. AUTORES: Mariela N. Matos-Reyes and R. C. Campos  
TITULO: Graphite furnace atomic absorption spectrometric determination of Ni and Pb in diesel and gasoline samples stabilized as microemulsion using conventional and permanent modifiers  
REF. REVISTA/LIBRO: Spectrochim. Acta B, 60, 615 - 624, 2005  
INDICE DE IMPACTO: 2.719, 9/39

Junio, 2014