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11 Produção científica

Durante o trabalho de doutorado foram publicados 5 artigos e 7 apresentações em congressos científicos, listados abaixo:

Publicações

1. **Souza, R. M.**, da Silveira, C. L. P., Aucélio, R.Q. Determination of refractory elements in used lubricating oil by ICP OES employing emulsified sample introduction and calibration with inorganic standards. *ANALYTICAL SCIENCES* 20 (2): 351-355, 2004.
2. **de Souza, R. M.**, Mathias, B. M., da Silveira, C. L. P., Aucélio, R. Q. Inductively coupled plasma optical emission spectrometry for trace multi-element determination in vegetable oils, margarine and butter after stabilization with propan-1-ol and water. *SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY* 60 (5): 711-715, 2005.
3. **de Souza, R. M.**, Mathias, B. M., Scarminio, I. S., da Silveira, C. L. P. Aucélio, R.Q. Comparison between two sample emulsification procedures for the determination of Mo, Cr, V and Ti in diesel and fuel oil by ICP OES along with factorial design. *MICROCHIMICA ACTA* 153 (3-4): 219-225, 2006.
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5. **de Souza, R. M.**, Saraceno, A.L., da Silveira, C.L.P., Aucélio, R. Q. Determination of trace elements in crude oil by ICP-OES using ultrasound-assisted acid extraction. *JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY* 21 (11): 1345-1349, 2006.

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7. **de Souza, R. M.**, Meliande, A. L. S., da Silveira, C. L. P., Aucélio, R. Q. Ultrasound-assisted acid leaching for determination of Fe, Ni and V in asphaltene samples using ICP OES. MICROCHEMICAL JOURNAL - Submetido.

Apresentações em congressos:

1. **de Souza, R. M.**, da Silveira, C. L. P. Aucélio, R. Q.
Determination of refractory elements in used lubricating oil by ICP OES employing emulsified sample introduction and calibration with inorganic standards.
European Winter Conference on Plasma Spectrochemistry – 2003 –
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2. **de Souza, R. M.**, Mathias, B. M., da Silveira, C. L. P. Aucélio, R. Q.
Determinação de Ni, V e Cr em óleo diesel por espectrometria de emissão atômica e introdução de amostras na forma de emulsões por ICP OES.
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3. **de Souza, R. M.**, Mathias, B. M., da Silveira, C. L. P. Aucélio, R. Q.
Método analítico para determinação de Cd, Co, Cr, Cu, Mn e Ni em óleos vegetais por ICP OES e introdução de amostra na forma de emulsão sem surfactante.
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4. **de Souza, R. M.**, Mathias, B. M., da Silveira, C. L. P. Aucélio, R. Q.
ICP OES trace multi-elemental determination in fats stabilized in n-propanol and water.
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5. **de Souza, R. M.**, Meliande, A. L. S., da Silveira, C. L. P., Aucélio, R. Q.
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Ultrasound-assisted acid leaching for determination of Fe, Ni and V in
asphaltene samples using ICP OES.

European Winter Conference on Plasma Spectrochemistry – 2007 –
Itália – Poster.