Scientific papers and reports on ion release from stainless steels: published and/or submitted (March 2005)

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I. Odnevall Wallinder, J. Lu, S. Bertling and C. Leygraf
Release Rates of Chromium and Nickel from 304 and 316 Stainless Steel during Urban Atmospheric Exposure- a Combined Field and Laboratory Study
Corros. Sci., 44 (2002) 2303

I. Odnevall Wallinder, S. Bertling, G. Herting and C. Leygraf
Release rates of chromium, nickel and iron from pure samples of the metals and 304 and 316 stainless steel induced by atmospheric corrosion – a combined field and laboratory study
Proceedings, UN/ECE Convention on longe-range transboundary air pollution, Workshop on Release of heavy metals due to corrosion of materials, Munich Germany, May 12-14 (2003)

D. Berggren, S. Bertling, D. Heijerick, G. Herting, P. Koundakjian, C. Leygraf and I. Odnevall Wallinder
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G. Herting, I. Odnevall Wallinder and C. Leygraf
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I. Odnevall Wallinder, S. Bertling, and C. Leygraf
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G. Herting
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Licentiate Thesis, Royal Institute of Technology, Stockholm, Sweden, ISBN 91-7283-911-2 (2004)

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G. Herting, I. Odnevall Wallinder, and C. Leygraf
Relevance of surface area on metal release rates from stainless steel.
Submitted to Corrosion Science

I. Odnevall Wallinder, S. Bertling, D. Berggren and C. Leygraf
Corrosion-induced release and environmental interaction of chromium, nickel and iron from stainless steel.
Submitted to Water, Air and Soil Pollution

G. Herting, I. Odnevall Wallinder and C. Leygraf
Metal release from various grades of stainless steel exposed to synthetic body fluids
To be submitted to Corrosion Science

Internal reports

Wenle He, Jinshan Pan, Inger Odnevall Wallinder, and Christofer Leygraf
Report of a pilot study of corrosion/dissolution of stainless steels in
a synthetic biological medium (Eurofer Research Contract SSPG 3/2002) (2002)

Wenle He, Jinshan Pan, Inger Odnevall Wallinder, and Christofer Leygraf
Report of a follow-up study of corrosion/dissolution of stainless steels in a range of synthetic biological media (Eurofer Research Contract SSPG 4/2002) (2003)

Klara Midander, Gunilla Herting, Jinshan Pan, Inger Odnevall Wallinder, and Christofer Leygraf
Test of applicability of scanning Kelvin probe force microscopy for characterization of corrosion tendency of stainless steel surface/ powder particles (Add-on project to ISSF Research Contract KTH2/2003) (2004)

Klara Midander, Jinshan Pan, and Christofer Leygraf
Report of a pilot study of metal release from stainless steel particles in synthetic biological media (ISSF Research Contract KTH2/2003) (2004)

Wenle He. Literature Survey on Metal release from Stainless Steel, April 2004.
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