Selected Publications on Dutch and Flemish Art (as of 20 October 2023)

1. G. Van der Snickt, K. Janssens, J. Dik, W. De Nolf, F. Vanmeert, J. Jaroszewicz, M. Cotte, G. Falkenberg, L. Van der Loeff, *Combined use of Synchrotron Radiation Based Micro-X-ray Fluorescence, Micro-X-ray Diffraction, Micro-X-ray Absorption Near-Edge, and Micro-Fourier Transform Infrared Spectroscopies for Revealing an Alternative Degradation Pathway of the Pigment Cadmium Yellow in a Painting by Van Gogh*, Analytical Chemistry, **84** (2012) no. 23, 10221-10228. DOI: 10.1021/ac3015627

2. A. Anitha, A. Brasoveanu, M. Duarte, S. Hughes, I. Daubechies, J. Dik, K. Janssens, M. Alfeld, *Restoration of X-ray fluorescence images of hidden paintings*, Signal Processing, **93** (2013), 592-604. DOI: 10.1016/j.sigpro.2012.09.027

3. L. Monico, K. Janssens, C. Miliani, G., Van der Snickt, G.; B.G. Brunetti, M. Cestelli Guidi, M. Radepont, M. Cotte, *The degradation process of lead chromate in paintings by Vincent van Gogh studied by means of spectromicroscopic methods. 3. Synthesis, characterization and detection of different crystal forms of the chrome yellow pigment*, Analytical Chemistry, **85** (2013) no. 2, 851-859. DOI: 10.1021/ac302158b

4. L. Monico, K. Janssens, C. Miliani, G. Van der Snickt, B. Brunetti, M. Cestelli Guidi, M. Radepont, M. Cotte, *The degradation process of lead chromate in paintings by Vincent van Gogh studied by means of spectromicroscopic methods. 4. Artificial ageing of model samples of co-precipitates of lead chromate and lead sulfate*, Analytical Chemistry, **85** (2013), no. 2, 860-867. DOI: 10.1021/ac3021592

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6. K. Janssens, M. Alfeld, G. Van der Snickt, W. De Nolf, F. Vanmeert, M. Radepont, L. Monico, J. Dik, M. Cotte, G. Falkenberg, C. Miliani, B. Brunetti, *The Use of Synchrotron Radiation for the Characterization of Artists' Pigments and Paintings*, Annual Reviews of Analytical Chemistry, **6** (2013), 399-425. DOI: 10.1146/annurev-anchem-062012-092702

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9. F. Da Pieve, C. Hogan, D. Lamoen, J. Verbeeck, F. Vanmeert, M. Radepont, M. Cotte, K. Janssens, X. Gonze, G. Van Tendeloo, *Casting Light on the Darkening of Colors in*

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