Publications:

Pre-processing in biochemometrics: correction for path-length and temperature effects of water in FTIR bio-spectroscopy by EMSC
Martens, H., Bruun, S. W., Adt, I., Sockalingum, G. D. & Köhler, A. 2006 In : Journal of Chemometrics. 20, 8-10, p. 402-417
Publication: Research - peer-review › Journal article – Annual report year: 2006

Near-infrared spectra of Penicillium camemberti strains separated by extended multiplicative signal correction improved prediction of physical and chemical variations
Publication: Research - peer-review › Journal article – Annual report year: 2005

Relationships between storage protein composition, protein content, growing season and flour quality of bread wheat
Publication: Research - peer-review › Journal article – Annual report year: 2004

Sensory analysis for magnetic resonance-image analysis: Using human perception and cognition to segment and assess the interior of potatoes
Publication: Research - peer-review › Journal article – Annual report year: 2002

Analysis of designed experiments by stabilised PLS Regression and jack-knifing
Publication: Research - peer-review › Journal article – Annual report year: 2001

Reliable and relevant modelling of real world data: a personal account of the development of PLS Regression
Martens, H. 2001 In : Chemometrics and Intelligent Laboratory Systems. 58, 2, p. 85-95
Publication: Research - peer-review › Journal article – Annual report year: 2001

Modified Jack-knife estimation of parameter uncertainty in bilinear modelling by partial least squares regression (PLSR)
Martens, H. & Martens, M. 2000 In : Food Quality and Preference. 11, 1-2, p. 5-16
Publication: Research - peer-review › Journal article – Annual report year: 2000

Multivariate analysis of quality
Publication: Research - peer-review › Book – Annual report year: 2000

Power of experimental designs, estimated by Monte Carlo simulation
Martens, H., Dijksterhuis, G. B. & Byrne, D. V. 2000 In : Journal of Chemometrics. 14, 5-6, p. 441-462
Publication: Research - peer-review › Journal article – Annual report year: 2000

Sensory profiling data studied by partial least squares regression
Publication: Research - peer-review › Journal article – Annual report year: 2000
Variable selection in near infrared spectroscopy based on significance testing in partial least squares regression
Publication: Research - peer-review › Journal article – Annual report year: 2000

Multivariate data analysis for more effective R&D and better quality control in the laboratory
Martens, H., Martens, M. & Jacobsen, C. 1999 In : Managing the Modern Laboratory. 4, p. 9-17
Publication: Research › Journal article – Annual report year: 1999

Projects:

Kvalitet af muskelbaserede fiskeprodukter
Jensen, K. N., Nielsen, J., Jørgensen, B. M., Martens, H., Jessen, F., Frisvad, J. C. & Ofstad, R.
01/10/1998 → 17/05/2004
Project: PhD

Applied multivariate dataanalysis and measurement techniques.
Jørgensen, B. M., Berner, L., Martens, H. & Munck, L.
01/01/1997 → 01/01/9999
Project

Emission af kulbrinter fra lean.brun gasmotore
Bendtsen, A. B., Dam-Johansen, K., Glarborg, P. & Martens, H.
01/08/1996 → …
Project: PhD