E K Kemsley – Publications List

Papers in peer-reviewed journals


Tapp HS, Penfold RA, Kemsley EK (2011) Tinylvr: a utility for viewing single multivariate models in terms of a two factor latent vector model Chemometrics and Intelligent Laboratory Systems, 105, 19-26


Chambers KF, Bacon JR, Kemsley EK, Mills R, Ball R, Mithen RF, Traka M (2009) Gene expression profile of primary prostate epithelial and stromal cells in response to sulforaphane or iberin exposure Prostate, 69, 1411-1421


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Colquhoun IJ, Defernez M, Hill L, Kemsley EK (2009) Recent developments in techniques and applications of metabolic profiling Bioanalysis, 1, 1523-1526


Kemsley EK, Swinhoe RR, Smith AC, Mccann MC, Wang TL (2004) Chemometrics can be applied to mechanical testing data to characterise stem toughness and stiffness in crop plants Journal of the Science of Food and Agriculture, 84, 966-976


Tapp HS, Defernez M, Kemsley EK (2003) FTIR spectroscopy and multivariate analysis can distinguish the geographic origin of extra virgin olive oils Journal of Agricultural and Food Chemistry, 51, 6110-6115


Kemsley EK (1996) Discriminant analysis of high-dimensional data: A comparison of principal components analysis and partial least squares data reduction methods Chemometrics and Intelligent Laboratory Systems, 33, 47-61


Kemsley EK, Belton PS (1994) Potential of infrared-emission spectroscopy for online analysis, Food Control, 5, 257-259


**Patents**

Kemsley EK (1992) **Prismatic Probe Head for Attenuated Total Reflection Spectroscopy** British Patent GB2255200


**Book**

Kemsley EK (1998) **Discriminant Analysis and Class Modelling of Spectroscopic Data** John Wiley & Sons, Chichester, UK

**Book Chapters**


**Edited/reviewed conference proceedings**


Kemsley EK (1996) **Lies, damned lies and chemometrics** Proceedings of Food Authenticity 96 in Food Authenticity 96: Methods for the measurement of food authenticity and adulteration (Institute of Food Research, Norwich) ISBN 0708405762 pp 5-9


Reports & Outreach articles


Doctoral thesis