

NIR spectroscopy: a rapid-response analytical tool

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Multivariate Analysis and Classification of the Chemical Quality of 7-Aminocephalosporanic Acid Using Near-Infrared Reflectance Spectroscopy. <i>Analytical Chemistry</i> , 2003, 75, 3460-3467.	3.2	42
2	Estimating the Composition of Tomato Juice Products by near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2003, 11, 123-136.	0.8	17
3	Use of near-infrared spectroscopy for determining the total arsenic content in prostrate amaranth. <i>Science of the Total Environment</i> , 2004, 327, 93-104.	3.9	58
4	Non-destructive prediction of chemical composition in sunflower seeds by near infrared spectroscopy. <i>Industrial Crops and Products</i> , 2004, 20, 321-329.	2.5	57
5	Analyzing seed weight, fatty acid composition, oil, and protein contents in <i>Vernonia galamensis</i> germplasm by near-infrared reflectance spectroscopy. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 641-645.	0.8	24
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7	Application of 2D correlation spectroscopy and outer product analysis to infrared spectra of sugar beets. <i>Vibrational Spectroscopy</i> , 2004, 36, 279-285.	1.2	16
8	Near infrared spectroscopy for qualitative comparison of pharmaceutical batches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 777-786.	1.4	44
9	On non-stationarity of dynamic systems. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 73, 119-129.	1.8	6
10	Prediction of sensory properties of espresso from roasted coffee samples by near-infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2004, 525, 171-182.	2.6	104
11	A quantitative assessment of chemical techniques for detecting traces of explosives at counter-terrorist portals. <i>Talanta</i> , 2004, 63, 461-467.	2.9	76
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16	Near-Infrared Reflectance Model for the Rapid Prediction of Total Fat in Cereal Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1550-1555.	2.4	28
17	Multivariate Calibration, an Overview. <i>Analytical Letters</i> , 2005, 38, 2259-2279.	1.0	46
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21	Characterizing process effects on pharmaceutical solid forms using near-infrared spectroscopy and infrared imaging. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 61, 100-110.	2.0	111
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464	Determination of green pea and spinach adulteration in pistachio nuts using NIR spectroscopy. <i>LWT - Food Science and Technology</i> , 2021, 136, 110008.	2.5	17
465	Rapid and non-destructive determination of protein and starch content in agricultural powders using near-infrared and fluorescence spectroscopy, and data fusion. <i>Powder Technology</i> , 2021, 381, 620-631.	2.1	22
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