Elvira FernÃ¡ndez de Ahumada

List of Publications by Year
in descending order

19 papers	**920** citations	1163117 **8** h-index
19 all docs	**19** docs citations	**19** times ranked

940533
16
g-index

1263
citing authors

#	Article	IF	Citations
1	A Methodology for Automatic Identification of Units with Ecological Significance in Dehesa Ecosystems. Forests, 2022, 13, 581.	2.1	4
2	Effective Teacher Professional Development Programs. A Case Study Focusing on the Development of Mathematical Modeling Skills. Education Sciences, 2022, 12, 2.	2.6	6
3	Developing Number Sense: An Approach to Initiate Algebraic Thinking in Primary Education. Mathematics, 2021, 9, 518.	2.2	1
4	Technology-enhanced Learning for Promoting Technical and Social Competences in Hydrological Science. Technology, Knowledge and Learning, 2021, 26, 985-997.	4.9	1
5	Development of Calibration Models to Predict Mean Fibre Diameter in Llama (Lama glama) Fleeces with Near Infrared Spectroscopy. Animals, 2021, 11, 1998.	2.3	0
6	A Tool for the Analysis and Characterization of School Mathematical Models. Mathematics, 2021, 9, 1569.	2.2	1
7	Designing an accompanying ecosystem to foster entrepreneurship among agronomic and forestry engineering students. Opinion and commitment of university lecturers. European Journal of Engineering Education, 2016, 41, 393-410.	2.3	3
8	Evaluation of Local Approaches to Obtain Accurate Near-Infrared (NIR) Equations for Prediction of Ingredient Composition of Compound Feeds. Applied Spectroscopy, 2013, 67, 924-929.	2.2	7
9	A new formulation to estimate the variance of model prediction. Application to near infrared spectroscopy calibration. Analytica Chimica Acta, 2012, 721, 28-34.	5.4	7
10	Combination of optical and non-destructive mechanical techniques for the measurement of maturity in peach. Journal of Food Engineering, 2012, 108, 150-157.	5.2	35
11	CovSel: Variable selection for highly multivariate and multi-response calibration. Chemometrics and Intelligent Laboratory Systems, 2011, 106, 216-223.	3.5	93
12	How Often Do References Need to Be Measured When Using a near Infrared Diode Array Spectrometer. Journal of Near Infrared Spectroscopy, 2010, 18, 79-85.	1.5	0
13	Critical review of chemometric indicators commonly used for assessing the quality of the prediction of soil attributes by NIR spectroscopy. TrAC - Trends in Analytical Chemistry, 2010, 29, 1073-1081.	11.4	668
14	Multivariate Near-Infrared Reflection Spectroscopy Strategies for Ensuring Correct Labeling at Feed Bagging in the Animal Feed Industry. Applied Spectroscopy, 2010, 64, 83-91.	2.2	4
15	Taking NIR Calibrations of Feed Compounds from the Laboratory to the Process: Calibration Transfer between Predispersive and Postdispersive Instruments. Journal of Agricultural and Food Chemistry, 2008, 56, 10135-10141.	5.2	26
16	Feasibility of Diode-Array Instruments To Carry Near-Infrared Spectroscopy from Laboratory to Feed Process Control. Journal of Agricultural and Food Chemistry, 2008, 56, 3185-3192.	5.2	17
17	Reducing NIR prediction errors with nonlinear methods and large populations of intact compound feedstuffs. Measurement Science and Technology, 2008, 19, 085601.	2.6	10
18	Near Infrared Spectroscopy for Control of the Compound-Feed Manufacturing Process: Mixing Stage. Journal of Near Infrared Spectroscopy, 2008, 16, 285-290.	1.5	12

#	Article	IF	Citations
19	Understanding Factors Affecting near Infrared Analysis of Potato Constituents. Journal of Near Infrared Spectroscopy, 2006, 14, 27-35.	1.5	25