Trygve AlmÃ¸y

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11340690/publications.pdf

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23	584	759233 12	713466 21
papers	citations	h-index	g-index

24	24	24	745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal Choice of Baseline Correction for Multivariate Calibration of Spectra. Applied Spectroscopy, 2010, 64, 1007-1016.	2.2	228
2	Comparison of Prediction Methods when Only a Few Components are Relevant. Journal of the American Statistical Association, 1994, 89, 583-591.	3.1	67
3	The use of near infrared spectroscopy to predict selected free amino acids during cheese ripening. International Dairy Journal, 2006, 16, 236-242.	3.0	37
4	STâ€PLS: a multiâ€directional nearest shrunken centroid type classifier via PLS. Journal of Chemometrics, 2008, 22, 54-62.	1.3	32
5	Comparing K-mer based methods for improved classification of 16S sequences. BMC Bioinformatics, 2015, 16, 205.	2.6	29
6	Model and estimators for partial least squares regression. Journal of Chemometrics, 2018, 32, e3044.	1.3	23
7	A simulation study on comparison of prediction methods when only a few components are relevant. Computational Statistics and Data Analysis, 1996, 21, 87-107.	1.2	22
8	Quantitative whole spectrum analysis with MALDI-TOF MS, Part II: Determining the concentration of milk in mixtures. Chemometrics and Intelligent Laboratory Systems, 2009, 99, 39-48.	3.5	19
9	SO-PLS as an exploratory tool for path modelling. Food Quality and Preference, 2014, 36, 122-134.	4.6	19
10	Alternative methods for combining information about products, consumers and consumersâ€™ acceptance based on path modelling. Food Quality and Preference, 2014, 31, 142-155.	4.6	17
11	Calibration Methods for NIRS Instruments: A Theoretical Evaluation and Comparisons by Data Splitting and Simulations. Applied Spectroscopy, 1994, 48, 327-332.	2.2	15
12	Comparison of Prediction Methods When Only a Few Components are Relevant. Journal of the American Statistical Association, 1994, 89, 583.	3.1	15
13	simrel â€” A versatile tool for linear model data simulation based on the concept of a relevant subspace and relevant predictors. Chemometrics and Intelligent Laboratory Systems, 2015, 146, 128-135.	3.5	14
14	Prediction of Missing Values in Microarray and Use of Mixed Models to Evaluate the Predictors. Statistical Applications in Genetics and Molecular Biology, 2005, 4, Article10.	0.6	11
15	Portion size selection as related to product and consumer characteristics studied by PLS path modelling. Food Quality and Preference, 2020, 79, 103613.	4.6	10
16	Comparison of multi-response prediction methods. Chemometrics and Intelligent Laboratory Systems, 2019, 190, 10-21.	3.5	7
17	Individual control treatment in split-plot experiments. Statistical Papers, 2009, 50, 697-710.	1.2	6
18	A tool for simulating multi-response linear model data. Chemometrics and Intelligent Laboratory Systems, 2018, 176, 1-10.	3.5	5

#	Article	IF	Citations
19	Adapting statistics education to a cognitively heterogeneous student population. Journal of Statistics and Data Science Education, 0, , 1-16.	1.6	3
20	Using NIR Spectroscopy for the Prediction of Free Amino Acids during Cheese Ripening. NIR News, 2007, 18, 4-5.	0.3	1
21	Theoretical evaluation of prediction error in linear regression with a bivariate response variable containing missing data. Communications in Statistics - Theory and Methods, 2017, 46, 9921-9929.	1.0	1
22	Linear regression with bivariate response variable containing missing data. Strategies to increase prediction precision. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 527-538.	1.2	0
23	Comparison of multi-response estimation methods. Chemometrics and Intelligent Laboratory Systems, 2020, 205, 104093.	3.5	0