Richard G Brereton

List of Publications by Citations

160 papers	6,018 citations	34 h-index	74 g-index
175 ext. papers	6,673 ext. citations	3.9 avg, IF	6.51 L-index

#	Paper	IF	Citations
160	**2003**,		487
159	Introduction to multivariate calibration in analyticalchemistry. *Analyst, The*, **2000**, 125, 2125-2154	5	445
158	Partial least squares discriminant analysis: taking the magic away. *Journal of Chemometrics*, **2014**, 28, 213-225	1.6	424
157	Support vector machines for classification and regression. *Analyst, The*, **2010**, 135, 230-67	5	394
156	Individual and gender fingerprints in human body odour. *Journal of the Royal Society Interface*, **2007**, 4, 331-40	4.1	252
155	**2007**,		250
154	Multilevel Multifactor Designs for MultivariateCalibration. *Analyst, The*, **1997**, 122, 1521-1529	5	200
153	**2009**,		199
152	Maximum entropy signal processing in practical NMR spectroscopy. *Nature*, **1984**, 311, 446-447	50.4	180
151	Comparison of performance of five common classifiers represented as boundary methods: Euclidean Distance to Centroids, Linear Discriminant Analysis, Quadratic Discriminant Analysis, Learning Vector Quantization and Support Vector Machines, as dependent on data structure. *Chemometrics and Intelligent Laboratory Systems*, **2009**, 95, 1-17	3.8	139
150	Crucial problems in regression modelling and their solutions. *Analyst, The*, **2002**, 127, 433-50	5	125
149	Critical comparison of methods predicting the number of components in spectroscopic data. *Analytica Chimica Acta*, **2000**, 423, 51-68	6.6	121
148	Support Vector Machines: A Recent Method for Classification in Chemometrics. *Critical Reviews in Analytical Chemistry*, **2006**, 36, 177-188	5.2	116
147	Resolution of strongly overlapping two-way multicomponent data by means of heuristic evolving latent projections. *Journal of Chemometrics*, **1993**, 7, 15-43	1.6	111
146	Consequences of sample size, variable selection, and model validation and optimisation, for predicting classification ability from analytical data. *TrAC - Trends in Analytical Chemistry*, **2006**, 25, 1103-1111	14.6	109
145	One-class classifiers. *Journal of Chemometrics*, **2011**, 25, 225-246	1.6	80
144	Pattern recognition in chemometrics. *Chemometrics and Intelligent Laboratory Systems*, **2015**, 149, 90-96	3.8	78

143	High-performance liquid chromatography of basic compounds: Problems, possible solutions and tests of reversed-phase columns. *Journal of Chromatography A*, **1998**, 828, 407-420	4.5	77
142	Analysis of volatile organic compounds in human saliva by a static sorptive extraction method and gas chromatography-mass spectrometry. *Journal of Chemical Ecology*, **2010**, 36, 1035-42	2.7	69
141	Chemometrics in analytical chemistry-part II: modeling, validation, and applications. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 6691-6704	4.4	62
140	Chemometrics in analytical chemistry-part I: history, experimental design and data analysis tools. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5891-5899	4.4	59
139	In situ surface sampling of biological objects and preconcentration of their volatiles for chromatographic analysis. *Analytical Chemistry*, **2006**, 78, 7161-8	7.8	59
138	The Mahalanobis distance and its relationship to principal component scores. *Journal of Chemometrics*, **2015**, 29, 143-145	1.6	53
137	Pattern recognition of gas chromatography mass spectrometry of human volatiles in sweat to distinguish the sex of subjects and determine potential discriminatory marker peaks. *Chemometrics and Intelligent Laboratory Systems*, **2007**, 87, 161-172	3.8	53
136	Determination of the number of significant components in liquid chromatography nuclear magnetic resonance spectroscopy. *Chemometrics and Intelligent Laboratory Systems*, **2004**, 72, 133-151	3.8	51
135	Cross-validatory selection of test and validation sets in multivariate calibration and neural networks as applied to spectroscopy. *Analyst, The*, **1997**, 122, 1015-22	5	49
134	PRODUCTS OF CHLOROPHYLL PHOTODEGRADATION2. STRUCTURAL IDENTIFICATION. *Photochemistry and Photobiology*, **1990**, 52, 1043-1047	3.6	48
133	An automated method for peak detection and matching in large gas chromatography-mass spectrometry data sets. *Journal of Chemometrics*, **2006**, 20, 325-340	1.6	45
132	Supervised self organizing maps for classification and determination of potentially discriminatory variables: illustrated by application to nuclear magnetic resonance metabolomic profiling. *Analytical Chemistry*, **2010**, 82, 628-38	7.8	44
131	Support vector machines for the discrimination of analytical chemical data: application to the determination of tablet production by pyrolysis-gas chromatography-mass spectrometry. *Analyst, The*, **2004**, 129, 175	5	41
130	Comparison of human axillary odour profiles obtained by gas chromatography/mass spectrometry and skin microbial profiles obtained by denaturing gradient gel electrophoresis using multivariate pattern recognition. *Metabolomics*, **2007**, 3, 427-437	4.7	40
129	PRODUCTS OF CHLOROPHYLL PHOTODEGRADATION1. DETECTION and SEPARATION. *Photochemistry and Photobiology*, **1990**, 52, 1037-1041	3.6	40
128	Positive and negative ion fast atom bombardment mass spectrometric studies on chlorophylls : Structure of 4-vinyl-4-desethyl chlorophyll B. *Tetrahedron Letters*, **1983**, 24, 5775-5778	2	36
127	A short history of chemometrics: a personal view. *Journal of Chemometrics*, **2014**, 28, 749-760	1.6	35
126	Self organising maps for visualising and modelling. *Chemistry Central Journal*, **2012**, 6 Suppl 2, S1		34

125	Consensus multivariate methods in gas chromatography mass spectrometry and denaturing gradient gel electrophoresis: MHC-congenic and other strains of mice can be classified according to the profiles of volatiles and microflora in their scent-marks. *Analyst, The*, **2009**, 134, 114-23	5	34
124	Self Organising Maps for variable selection: Application to human saliva analysed by nuclear magnetic resonance spectroscopy to investigate the effect of an oral healthcare product. *Chemometrics and Intelligent Laboratory Systems*, **2009**, 98, 149-161	3.8	33
123	Chemometrics in analytical chemistry. A review. *Analyst, The*, **1987**, 112, 1635	5	33
122	Solid-phase extraction and simultaneous spectrophotometric determination of trace amounts of Co, Ni and Cu using partial least squares regression. *Talanta*, **2004**, 62, 183-9	6.2	32
121	Self Organising Maps for distinguishing polymer groups using thermal response curves obtained by dynamic mechanical analysis. *Analyst, The*, **2008**, 133, 1046-59	5	31
120	Evaluation procedures for reversed-phase high-performance liquid chromatographic columns in the analysis of strongly basic compounds using principal components analysis for data assessment. *Analyst, The*, **1998**, 123, 1175-1185	5	29
119	Pattern recognition of inductively coupled plasma atomic emission spectroscopy of human scalp hair for discriminating between healthy and hepatitis C patients. *Analytica Chimica Acta*, **2009**, 649, 33-42	6.6	28
118	One class classifiers for process monitoring illustrated by the application to online HPLC of a continuous process. *Journal of Chemometrics*, **2010**, 24, 96-110	1.6	28
117	Application of dissimilarity indices, principal coordinates analysis, and rank tests to peak tables in metabolomics of the gas chromatography/mass spectrometry of human sweat. *Analytical Chemistry* , **2007**, 79, 5633-41	7.8	28
116	INVESTIGATION OF THE ALLOMERIZATION REACTION OF CHLOROPHYLL a: USE OF DIODE ARRAY HPLC, MASS SPECTROMETRY AND CHEMOMETRIC FACTOR ANALYSIS FOR THE DETECTION OF EARLY PRODUCTS. *Photochemistry and Photobiology*, **1994**, 59, 99-110	3.6	28
115	Mouse urinary biomarkers provide signatures of maturation, diet, stress level, and diurnal rhythm. *Chemical Senses*, **2010**, 35, 459-71	4.8	27
114	Determination of cocaine contamination on banknotes using tandem mass spectrometry and pattern recognition. *Analytica Chimica Acta*, **2006**, 559, 54-63	6.6	27
113	Discrimination between tablet production methods using pyrolysis-gas chromatography-mass spectrometry and pattern recognition. *Analyst, The*, **2003**, 128, 287-92	5	27
112	Tutorial review. Deconvolution of mixtures by factor analysis. *Analyst, The*, **1995**, 120, 2313	5	27
111	Dynamic mechanical analysis and chemometrics for polymer identification. *Polymer Testing*, **2007**, 26, 402-412	4.5	26
110	On-line HPLC combined with multivariate statistical process control for the monitoring of reactions. *Analytica Chimica Acta*, **2007**, 584, 370-8	6.6	25
109	Variable selection using iterative reformulation of training set models for discrimination of samples: application to gas chromatography/mass spectrometry of mouse urinary metabolites. *Analytical Chemistry*, **2009**, 81, 5204-17	7.8	24
108	Combined kinetics and iterative target transformation factor analysis for spectroscopic monitoring of reactions. *Analyst, The*, **2006**, 131, 90-7	5	24

107	**2018**,		24
106	Learning vector quantization for multiclass classification: application to characterization of plastics. *Journal of Chemical Information and Modeling*, **2007**, 47, 1553-63	6.1	23
105	Toxicological classification of urine samples using pattern recognition techniques and capillary electrophoresis. *Analytical and Bioanalytical Chemistry*, **2004**, 378, 2008-20	4.4	23
104	Active learning support vector machines for optimal sample selection in classification. *Journal of Chemometrics*, **2004**, 18, 294-305	1.6	21
103	Evaluation of chemometric methods for determining the number and position of components in high-performance liquid chromatography detected by diode array detector and on-flow 1H nuclear magnetic resonance spectroscopy. *Analyst, The*, **2003**, 128, 1082	5	21
102	High-performance liquid chromatography/electrospray tandem mass spectrometry of polycyclic aromatic hydrocarbons. *Rapid Communications in Mass Spectrometry*, **2001**, 15, 135-140	2.2	21
101	Early chlorin diagenesis in a recent aquatic sediment. *Organic Geochemistry*, **1986**, 10, 975-980	3.1	20
100	Comparison of PLS and kinetic models for a second-order reaction as monitored using ultraviolet visible and mid-infrared spectroscopy. *Talanta*, **2006**, 68, 1190-200	6.2	19
99	The effect of influential data, model and method on the precision of univariate calibration. *Talanta*, **2002**, 57, 721-40	6.2	19
98	Two-way, unfolded three-way and three-mode partial least squares calibration of diode array HPLC chromatograms for the quantitation of low-level pharmaceutical impurities. *Analytica Chimica Acta*, **1999**, 384, 71-81	6.6	19
97	Use of chemometric factor analysis for chromatographic integration: application to diode-array high-performance liquid chromatography of mixtures of chlorophyll a degradation products. *Analyst, The*, **1993**, 118, 779	5	19
96	The chi squared and multinormal distributions. *Journal of Chemometrics*, **2015**, 29, 9-12	1.6	18
95	Monte-Carlo methods for determining optimal number of significant variables. Application to mouse urinary profiles. *Metabolomics*, **2009**, 5, 387-406	4.7	18
94	Principal component analysis in liquid chromatography proton nuclear magnetic resonance: differentiation of three regio-isomers. *Analytica Chimica Acta*, **2001**, 447, 199-210	6.6	18
93	THE USE OF LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY TO MONITOR THE ALLOMERIZATION REACTIONS OF CHLOROPHYLL a and PHEOPHYTIN a:m IDENTIFICATION OF THE ALLOMERS OF PHEOPHYTIN a. *Photochemistry and Photobiology*, **1993**, 57, 1048-1052	3.6	18
92	Automated peak detection and matching algorithm for gas chromatography-differential mobility spectrometry. *Analytical Chemistry*, **2011**, 83, 1537-46	7.8	17
91	Evaluation of Parallel Factor Analysis for the Resolution ofKinetic Data by Diode-array High-performance Liquid Chromatography. *Analyst, The*, **1997**, 122, 871-877	5	17
90	Multivariate calibration on designed mixtures of four pharmaceuticals. *Analyst, The*, **1998**, 123, 181-189	5	17

89	Analysis of badger urine volatiles using gas chromatography-mass spectrometry and pattern recognition techniques. *Analyst, The*, **2001**, 126, 615-23	5	17
88	Re-evaluating the role of the Mahalanobis distance measure. *Journal of Chemometrics*, **2016**, 30, 134-143	1.6	17
87	In beam electron impact mass spectrometry: the structure of a bacteriochlorophyll allomer. *Tetrahedron Letters*, **1980**, 21, 1671-1674	2	16
86	PIXE analysis of PM2.5 and PM(2.5-10) for air quality assessment of Islamabad, Pakistan: application of chemometrics for source identification. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2012**, 47, 2016-27	2.3	15
85	Multilevel simultaneous component analysis for fault detection in multicampaign process monitoring: application to on-line high performance liquid chromatography of a continuous process. *Analyst, The*, **2009**, 134, 1571-85	5	15
84	Estimation of second order rate constants using chemometric methods with kinetic constraints. *Analyst, The*, **2002**, 127, 659-68	5	15
83	Chemometric variance analysis of 1H NMR metabolomics data on the effects of oral rinse on saliva. *Metabolomics*, **2012**, 8, 64-80	4.7	14
82	Self-Organizing Maps and Support Vector Regression as aids to coupled chromatography: illustrated by predicting spoilage in apples using volatile organic compounds. *Talanta*, **2011**, 83, 1269-78	6.2	14
81	Use of cluster separation indices and the influence of outliers: application of two new separation indices, the modified silhouette index and the overlap coefficient to simulated data and mouse urine metabolomic profiles. *Journal of Chemometrics*, **2009**, 23, 19-31	1.6	14
80	Calibration of Gas Chromatography Mass Spectrometry of Two-component Mixtures Using Univariate Regression and Two- and Three-Way Partial Least Squares. *Analyst, The*, **1997**, 122, 631-638	5	14
79	Pattern recognition for the analysis of polymeric materials. *Analyst, The*, **2006**, 131, 73-80	5	14
78	Monitoring of a second-order reaction by electronic absorption spectroscopy using combined chemometric and kinetic models. *Journal of Chemometrics*, **2003**, 17, 313-322	1.6	14
77	Application of multivariate curve resolution methods to on-flow LC-NMR. *Journal of Chromatography A*, **2005**, 1096, 2-15	4.5	13
76	Fourier transforms: Use, theory and applications to spectroscopic and related data. *Chemometrics and Intelligent Laboratory Systems*, **1986**, 1, 17-31	3.8	13
75	Diagnostic pattern recognition on gene-expression profile data by using one-class classification. *Journal of Chemical Information and Modeling*, **2005**, 45, 1392-401	6.1	12
74	Pattern recognition and feature selection for the discrimination between grades of commercial plastics. *Chemometrics and Intelligent Laboratory Systems*, **2007**, 87, 18-25	3.8	11
73	Dynamic analysis of on-line high-performance liquid chromatography for multivariate statistical process control. *Journal of Chromatography A*, **2008**, 1213, 130-44	4.5	11
72	Resolution of LC/1H NMR data applied to a three-component mixture of polyaromatic hydrocarbons. *Journal of Chemometrics*, **2002**, 16, 165-175	1.6	11

71	A comparative study of cluster validation indices applied to genotyping data. *Chemometrics and Intelligent Laboratory Systems*, **2005**, 78, 30-40	3.8	11
70	Procrustes analysis for the determination of number of significant masses in gas chromatography–mass spectrometry. *Analyst, The*, **1996**, 121, 1443-1449	5	11
69	Influence of noise, peak position and spectral similarities on resolvability of diode-array high-performance liquid chromatography by evolutionary factor analysis. *Chemometrics and Intelligent Laboratory Systems*, **1994**, 23, 97-106	3.8	11
68	Orthogonality, uncorrelatedness, and linear independence of vectors. *Journal of Chemometrics*, **2016**, 30, 564-566	1.6	10
67	Chemometric methods for determination of selective regions in diode array detection high performance liquid chromatography of mixtures: application to chlorophyll a allomers. *Analyst, The*, **1998**, 123, 2035-2042	5	10
66	Determination of number of significant components and key variables using genetic algorithms in liquid chromatography-nuclear magnetic resonance spectroscopy and liquid chromatography-diode array detection. *Chemometrics and Intelligent Laboratory Systems*, **2006**, 81, 209-217	3.8	10
65	Deconvolution of a three-component co-eluting peak cluster in gas chromatography-mass spectrometry. *Analyst, The*, **2000**, 125, 287-292	5	10
64	Partial least squares discriminant analysis for chemometrics and metabolomics: How scores, loadings, and weights differ according to two common algorithms. *Journal of Chemometrics*, **2018**, 32, e3028	1.6	10
63	Prediction of liquid chromatographic retention behavior based on quantum chemical parameters using supervised self organizing maps. *Talanta*, **2013**, 106, 229-36	6.2	9
62	Self-organizing map quality control index. *Analytical Chemistry*, **2010**, 82, 5972-82	7.8	9
61	Influence of different sources of error on estimated kinetics parameters for a second-order reaction. *Chemometrics and Intelligent Laboratory Systems*, **2004**, 71, 47-60	3.8	9
60	Resolution of on-flow LC/NMR data by multivariate methods – a comparison. *Journal of Chemometrics*, **2002**, 16, 469-481	1.6	9
59	Quantitative resolution of overlapping tailing peaksobtained by diode-array detector high performance liquid chromatography inthe absence of pure standards using simple chemical knowledge. *Analyst, The*, **2000**, 125, 833-842	5	9
58	Application of partial least squares calibration to measurements of polycyclic aromatic hydrocarbons in coal tar pitch volatiles. *Analyst, The*, **1996**, 121, 575	5	9
57	Hard modeling methods for the curve resolution of data from liquid chromatography with a diode array detector and on-flow liquid chromatography with nuclear magnetic resonance spectroscopy. *Journal of Chemical Information and Modeling*, **2006**, 46, 1143-53	6.1	8
56	Resolution of on-flow liquid chromatography proton nuclear magnetic resonance using canonical correlation and constrained linear regression. *Chemometrics and Intelligent Laboratory Systems*, **2002**, 62, 61-78	3.8	8
55	Hotelling's T squared distribution, its relationship to the F distribution and its use in multivariate space. *Journal of Chemometrics*, **2016**, 30, 18-21	1.6	8
54	Use of double windowing, variable selection, variable ranking and resolvability indices in window factor analysis. *Journal of Chemometrics*, **1994**, 8, 423-437	1.6	7

53	Points, vectors, linear independence and some introductory linear algebra. *Journal of Chemometrics* , **2016**, 30, 358-360	1.6	7
52	The use and misuse of p values and related concepts. *Chemometrics and Intelligent Laboratory Systems*, **2019**, 195, 103884	3.8	6
51	The F distribution and its relationship to the chi squared and t distributions. *Journal of Chemometrics*, **2015**, 29, 582-586	1.6	6
50	Principal components scores and loadings plots for visualisation of the electrospray ionisation liquid chromatography mass spectra of a mixture of chlorophyll degradation products at different cone voltages. *Rapid Communications in Mass Spectrometry*, **1999**, 13, 1755-61	2.2	6
49	Visualizing matrices. *Journal of Chemometrics*, **2017**, 31, e2834	1.6	5
48	Basic matrix algebra. *Journal of Chemometrics*, **2017**, 31, e2833	1.6	5
47	Development and mining of a database of historic European paper properties. *Cellulose*, **2020**, 27, 8287-8299	5.5	5
46	Introduction to analysis of variance. *Journal of Chemometrics*, **2019**, 33, e3018	1.6	5
45	Determining the significance of individual factors for orthogonal designs. *Journal of Chemometrics*, **2019**, 33, e3124	1.6	4
44	Degrees-of-freedom, errors, and replicates. *Journal of Chemometrics*, **2018**, 32, e3016	1.6	4
43	The t-distribution and its relationship to the normal distribution. *Journal of Chemometrics*, **2015**, 29, 481-483	1.6	4
42	Principal Components plots for exploratory investigation of reactions using ultraviolet-visible spectroscopy: application to the formation of benzophenone phenylhydrazone. *Talanta*, **2004**, 63, 757-69	6.2	4
41	P values and Ronald Fisher. *Journal of Chemometrics*, **2020**, 34, e3239	1.6	3
40	The normal distribution. *Journal of Chemometrics*, **2014**, 28, 789-792	1.6	3
39	Formulating an experimental design mathematically. *Journal of Chemometrics*, **2017**, 31, e2903	1.6	3
38	Populations and samples. *Journal of Chemometrics*, **2015**, 29, 325-328	1.6	3
37	Multiblock analysis of environmental measurements: A case study of using Proton Induced X-ray Emission and meteorology dataset obtained from Islamabad Pakistan. *Chemometrics and Intelligent Laboratory Systems*, **2011**, 107, 31-43	3.8	3
36	Validation and Optimization311-391		3

35	Genotyping using single nucleotide polymorphism, fluorescence spectroscopy and pattern recognition. *Analyst, The*, **2004**, 129, 249-53	5	3
34	Sources of error. *Journal of Chemometrics*, **2018**, 32, e3017	1.6	2
33	Basic vector algebra. *Journal of Chemometrics*, **2016**, 30, 632-635	1.6	2
32	Chemometrics and Multivariate Analysis **2009**, 1105-1148		2
31	Automated single-nucleotide polymorphism analysis using fluorescence excitation-emission spectroscopy and one-class classifiers. *Analytical and Bioanalytical Chemistry*, **2007**, 388, 655-64	4.4	2
30	Chemometric Methods for the Study of Toxic Metals on the Growth of Plants: Use of Experimental Design and Response Surface Methodology. *International Journal of Environmental Analytical Chemistry*, **1990**, 38, 279-304	1.8	2
29	A tribute to Maarib (Darwish Lutfi Bakri) Bazzaz (1940–2020): the one who proved the existence of new chlorophylls in plants. *Plant Physiology Reports*, **2020**, 25, 377-385	1.4	2
28	Statistically independent events and distributions. *Journal of Chemometrics*, **2016**, 30, 90-92	1.6	2
27	Alpha, beta, type 1 and 2 errors, Ergon Pearson and Jerzy Neyman. *Journal of Chemometrics*, **2021**, 35, e3240	1.6	2
26	False discovery rates, power and related concepts. *Journal of Chemometrics*, **2021**, 35, e3241	1.6	2
25	Design matrices and modelling. *Journal of Chemometrics*, **2018**, 32, e2904	1.6	2
24	Statistical experimental design. *Journal of Chemometrics*, **2017**, 31, e2902	1.6	1
23	Let us go back to basics. *Journal of Chemometrics*, **2014**, 28, 688-690	1.6	1
22	Preprocessing107-176		1
21	Comparing Different Patterns479-492		1
20	Window consensus PCA for multiblock statistical process control: adaption to small and time-dependent normal operating condition regions, illustrated by online high performance liquid chromatography of a three-stage continuous process. *Journal of Chemometrics*, **2010**, 24, n/a-n/a	1.6	1
19	Application of evolving factor analysis to on-flow LC–NMR data using spectral windows. *Chemometrics and Intelligent Laboratory Systems*, **2005**, 78, 51-62	3.8	1
18	P values and multivariate distributions: Non-orthogonal terms in regression models. *Chemometrics and Intelligent Laboratory Systems*, **2021**, 210, 104264	3.8	1

17	Contingency tables, confusion matrices, classifiers and quality of prediction. *Journal of Chemometrics*,e3331	1.6	1
16	ANOVA tables and statistical significance of models. *Journal of Chemometrics*, **2019**, 33, e3019	1.6	1
15	Five years of Heritage Science: from aborigine cave paintings to the Domesday book and Bayeux tapestry and to Dorothy's ruby red slippers via van Gogh's colours, Magritte's missing quarters, and Qing calligraphy, with the sights, sounds, smells and taste of the past. *Heritage Science*, **2018**, 6,	2.5	1
14	Why we should be interested in P values and hypothesis tests. *Journal of Chemometrics*, **2020**, 34, e3238	1.6	
13	How F and P values are influenced by centring. *Journal of Chemometrics*, **2019**, 33, e3127	1.6	
12	Comments on Multiple Self Organising Maps (mSOMs) for simultaneous classification and prediction: Illustrated by spoilage in apples using volatile organic profiles by S.F. Sim and V. Sági-Kiss. *Chemometrics and Intelligent Laboratory Systems*, **2012**, 118, 308-310	3.8	
11	One Class Classifiers233-287		
10	Determining Potential Discriminatory Variables393-451		
9	Bayesian Methods and Unequal Class Sizes453-467		
8	Two Class Classifiers177-231		
7	Multiclass Classifiers289-309		
6	Class Separation Indices469-478		
5	Chemometrics **2021**, 45-60		
4	P values and residuals using non-orthogonal X matrices and the relationship between t and F statistics for studying individual factors. *Journal of Chemometrics*, **2020**, 34, e3128	1.6	
3	Introduction to Bayesian methods. *Journal of Chemometrics*,e3333	1.6	
2	Multivariate classification models. *Journal of Chemometrics*,e3332	1.6	
1	Empirical and statistical p values and Type 1 error rates: Putting it all together. *Journal of Chemometrics*, **2021**, 35, e3330	1.6	