Richard G Brereton

List of Publications by Year in Descending Order

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	Chemometrics **2021**, 45-60		
159	P values and multivariate distributions: Non-orthogonal terms in regression models. *Chemometrics and Intelligent Laboratory Systems*, **2021**, 210, 104264	3.8	1
158	Empirical and statistical p values and Type 1 error rates: Putting it all together. *Journal of Chemometrics*, **2021**, 35, e3330	1.6	
157	Alpha, beta, type 1 and 2 errors, Ergon Pearson and Jerzy Neyman. *Journal of Chemometrics*, **2021**, 35, e3240	1.6	2
156	False discovery rates, power and related concepts. *Journal of Chemometrics*, **2021**, 35, e3241	1.6	2
155	Why we should be interested in P values and hypothesis tests. *Journal of Chemometrics*, **2020**, 34, e3238	1.6	
154	P values and Ronald Fisher. *Journal of Chemometrics*, **2020**, 34, e3239	1.6	3
153	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	
152	Development and mining of a database of historic European paper properties. *Cellulose*, **2020**, 27, 8287-8299	5.7	5
151	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
150	Determining the significance of individual factors for orthogonal designs. *Journal of Chemometrics*, **2019**, 33, e3124	1.6	4
149	How F and P values are influenced by centring. *Journal of Chemometrics*, **2019**, 33, e3127	1.6	
148	The use and misuse of p values and related concepts. *Chemometrics and Intelligent Laboratory Systems*, **2019**, 195, 103884	3.8	6
147	ANOVA tables and statistical significance of models. *Journal of Chemometrics*, **2019**, 33, e3019	1.6	1
146	Introduction to analysis of variance. *Journal of Chemometrics*, **2019**, 33, e3018	1.6	5
145	Degrees-of-freedom, errors, and replicates. *Journal of Chemometrics*, **2018**, 32, e3016	1.6	4
144	Sources of error. *Journal of Chemometrics*, **2018**, 32, e3017	1.6	2

143	Chemometrics in analytical chemistry-part II: modeling, validation, and applications. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 6691-6704	4.4	62
142	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
141	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
140	**2018**,		24
139	Design matrices and modelling. *Journal of Chemometrics*, **2018**, 32, e2904	1.6	2
138	Statistical experimental design. *Journal of Chemometrics*, **2017**, 31, e2902	1.6	1
137	Visualizing matrices. *Journal of Chemometrics*, **2017**, 31, e2834	1.6	5
136	Chemometrics in analytical chemistry-part I: history, experimental design and data analysis tools. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5891-5899	4.4	59
135	Formulating an experimental design mathematically. *Journal of Chemometrics*, **2017**, 31, e2903	1.6	3
134	Basic matrix algebra. *Journal of Chemometrics*, **2017**, 31, e2833	1.6	5
133	Orthogonality, uncorrelatedness, and linear independence of vectors. *Journal of Chemometrics*, **2016**, 30, 564-566	1.6	10
132	Basic vector algebra. *Journal of Chemometrics*, **2016**, 30, 632-635	1.6	2
131	Re-evaluating the role of the Mahalanobis distance measure. *Journal of Chemometrics*, **2016**, 30, 134-143	1.6	17
130	Points, vectors, linear independence and some introductory linear algebra. *Journal of Chemometrics* , **2016**, 30, 358-360	1.6	7
129	Statistically independent events and distributions. *Journal of Chemometrics*, **2016**, 30, 90-92	1.6	2
128	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
127	Pattern recognition in chemometrics. *Chemometrics and Intelligent Laboratory Systems*, **2015**, 149, 90-96	3.8	78
126	The t-distribution and its relationship to the normal distribution. *Journal of Chemometrics*, **2015**, 29, 481-483	1.6	4

125	Populations and samples. *Journal of Chemometrics*, **2015**, 29, 325-328	1.6	3
124	The chi squared and multinormal distributions. *Journal of Chemometrics*, **2015**, 29, 9-12	1.6	18
123	The F distribution and its relationship to the chi squared and t distributions. *Journal of Chemometrics*, **2015**, 29, 582-586	1.6	6
122	The Mahalanobis distance and its relationship to principal component scores. *Journal of Chemometrics*, **2015**, 29, 143-145	1.6	53
121	Partial least squares discriminant analysis: taking the magic away. *Journal of Chemometrics*, **2014**, 28, 213-225	1.6	424
120	Let us go back to basics. *Journal of Chemometrics*, **2014**, 28, 688-690	1.6	1
119	The normal distribution. *Journal of Chemometrics*, **2014**, 28, 789-792	1.6	3
118	A short history of chemometrics: a personal view. *Journal of Chemometrics*, **2014**, 28, 749-760	1.6	35
117	Prediction of liquid chromatographic retention behavior based on quantum chemical parameters using supervised self organizing maps. *Talanta*, **2013**, 106, 229-36	6.2	9
116	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. Sği-Kiss. *Chemometrics and Intelligent Laboratory Systems*, **2012**, 118, 308-310	3.8	
115	Self organising maps for visualising and modelling. *Chemistry Central Journal*, **2012**, 6 Suppl 2, S1		34
114	Chemometric variance analysis of 1H NMR metabolomics data on the effects of oral rinse on saliva. *Metabolomics*, **2012**, 8, 64-80	4.7	14
113	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
112	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
111	One-class classifiers. *Journal of Chemometrics*, **2011**, 25, 225-246	1.6	80
110	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
109	Automated peak detection and matching algorithm for gas chromatography-differential mobility spectrometry. *Analytical Chemistry*, **2011**, 83, 1537-46	7.8	17
108	Mouse urinary biomarkers provide signatures of maturation, diet, stress level, and diurnal rhythm. *Chemical Senses*, **2010**, 35, 459-71	4.8	27

107	Self-organizing map quality control index. *Analytical Chemistry*, **2010**, 82, 5972-82	7.8	9
106	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
105	Support vector machines for classification and regression. *Analyst, The*, **2010**, 135, 230-67	5	394
104	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
103	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
102	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
101	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
100	Monte-Carlo methods for determining optimal number of significant variables. Application to mouse urinary profiles. *Metabolomics*, **2009**, 5, 387-406	4.7	18
99	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
98	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
97	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
96	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
95	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
94	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
93	Chemometrics and Multivariate Analysis **2009**, 1105-1148		2
92	**2009**,		199
91	Self Organising Maps for distinguishing polymer groups using thermal response curves obtained by dynamic mechanical analysis. *Analyst, The*, **2008**, 133, 1046-59	5	31
90	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

89	Learning vector quantization for multiclass classification: application to characterization of plastics. *Journal of Chemical Information and Modeling*, **2007**, 47, 1553-63	6.1	23
88	**2007**,		250
87	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
86	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
85	On-line HPLC combined with multivariate statistical process control for the monitoring of reactions. *Analytica Chimica Acta*, **2007**, 584, 370-8	6.6	25
84	Dynamic mechanical analysis and chemometrics for polymer identification. *Polymer Testing*, **2007**, 26, 402-412	4.5	26
83	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
82	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
81	Individual and gender fingerprints in human body odour. *Journal of the Royal Society Interface*, **2007**, 4, 331-40	4.1	252
80	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
79	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
78	Combined kinetics and iterative target transformation factor analysis for spectroscopic monitoring of reactions. *Analyst, The*, **2006**, 131, 90-7	5	24
77	Support Vector Machines: A Recent Method for Classification in Chemometrics. *Critical Reviews in Analytical Chemistry*, **2006**, 36, 177-188	5.2	116
76	Pattern recognition for the analysis of polymeric materials. *Analyst, The*, **2006**, 131, 73-80	5	14
75	In situ surface sampling of biological objects and preconcentration of their volatiles for chromatographic analysis. *Analytical Chemistry*, **2006**, 78, 7161-8	7.8	59
74	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
73	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
72	Determination of cocaine contamination on banknotes using tandem mass spectrometry and pattern recognition. *Analytica Chimica Acta*, **2006**, 559, 54-63	6.6	27

71	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
70	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
69	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
68	A comparative study of cluster validation indices applied to genotyping data. *Chemometrics and Intelligent Laboratory Systems*, **2005**, 78, 30-40	3.8	11
67	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
66	Application of multivariate curve resolution methods to on-flow LC-NMR. *Journal of Chromatography A*, **2005**, 1096, 2-15	4.5	13
65	Toxicological classification of urine samples using pattern recognition techniques and capillary electrophoresis. *Analytical and Bioanalytical Chemistry*, **2004**, 378, 2008-20	4.4	23
64	Active learning support vector machines for optimal sample selection in classification. *Journal of Chemometrics*, **2004**, 18, 294-305	1.6	21
63	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
62	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
61	Genotyping using single nucleotide polymorphism, fluorescence spectroscopy and pattern recognition. *Analyst, The*, **2004**, 129, 249-53	5	3
60	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
59	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
58	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
57	**2003**,		487
56	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
55	Discrimination between tablet production methods using pyrolysis-gas chromatography-mass spectrometry and pattern recognition. *Analyst, The*, **2003**, 128, 287-92	5	27
54	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

53	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
52	Resolution of on-flow LC/NMR data by multivariate methods a comparison. *Journal of Chemometrics*, **2002**, 16, 469-481	1.6	9
51	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
50	Crucial problems in regression modelling and their solutions. *Analyst, The*, **2002**, 127, 433-50	5	125
49	Estimation of second order rate constants using chemometric methods with kinetic constraints. *Analyst, The*, **2002**, 127, 659-68	5	15
48	The effect of influential data, model and method on the precision of univariate calibration. *Talanta*, **2002**, 57, 721-40	6.2	19
47	High-performance liquid chromatography/electrospray tandem mass spectrometry of polycyclic aromatic hydrocarbons. *Rapid Communications in Mass Spectrometry*, **2001**, 15, 135-140	2.2	21
46	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
45	Analysis of badger urine volatiles using gas chromatography-mass spectrometry and pattern recognition techniques. *Analyst, The*, **2001**, 126, 615-23	5	17
44	Critical comparison of methods predicting the number of components in spectroscopic data. *Analytica Chimica Acta*, **2000**, 423, 51-68	6.6	121
43	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
42	Deconvolution of a three-component co-eluting peak cluster in gas chromatography-mass spectrometry. *Analyst, The*, **2000**, 125, 287-292	5	10
41	Introduction to multivariate calibration in analyticalchemistry. *Analyst, The*, **2000**, 125, 2125-2154	5	445
40	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
39	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
38	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
37	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
36	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

35	Multivariate calibration on designed mixtures of four pharmaceuticals. *Analyst, The*, **1998**, 123, 181-189	5	17
34	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
33	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
32	Calibration of Gas Chromatography–Mass Spectrometry ofTwo-component Mixtures Using Univariate Regression and Two- and Three-WayPartial Least Squares. *Analyst, The*, **1997**, 122, 631-638	5	14
31	Multilevel Multifactor Designs for MultivariateCalibration. *Analyst, The*, **1997**, 122, 1521-1529	5	200
30	Application of partial least squares calibration to measurements of polycyclic aromatic hydrocarbons in coal tar pitch volatiles. *Analyst, The*, **1996**, 121, 575	5	9
29	Procrustes analysis for the determination of number of significant masses in gas chromatography–mass spectrometry. *Analyst, The*, **1996**, 121, 1443-1449	5	11
28	Tutorial review. Deconvolution of mixtures by factor analysis. *Analyst, The*, **1995**, 120, 2313	5	27
27	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
26	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
25	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
24	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
23	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
22	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
21	PRODUCTS OF CHLOROPHYLL PHOTODEGRADATION1. DETECTION and SEPARATION. *Photochemistry and Photobiology*, **1990**, 52, 1037-1041	3.6	40
20	PRODUCTS OF CHLOROPHYLL PHOTODEGRADATION2. STRUCTURAL IDENTIFICATION. *Photochemistry and Photobiology*, **1990**, 52, 1043-1047	3.6	48
19	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
18	Chemometrics in analytical chemistry. A review. *Analyst, The*, **1987**, 112, 1635	5	33

17	Fourier transforms: Use, theory and applications to spectroscopic and related data. *Chemometrics and Intelligent Laboratory Systems*, **1986**, 1, 17-31	3.8	13
16	Early chlorin diagenesis in a recent aquatic sediment. *Organic Geochemistry*, **1986**, 10, 975-980	3.1	20
15	Maximum entropy signal processing in practical NMR spectroscopy. *Nature*, **1984**, 311, 446-447	50.4	180
14	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
13	In beam electron impact mass spectrometry: the structure of a bacteriochlorophyll allomer. *Tetrahedron Letters*, **1980**, 21, 1671-1674	2	16
12	Preprocessing107-176		1
11	One Class Classifiers233-287		
10	Validation and Optimization311-391		3
9	Determining Potential Discriminatory Variables393-451		
8	Bayesian Methods and Unequal Class Sizes453-467		
7	Two Class Classifiers177-231		
6	Multiclass Classifiers289-309		
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4	Comparing Different Patterns479-492		1
3	Introduction to Bayesian methods. *Journal of Chemometrics*,e3333	1.6	
2	Multivariate classification models. *Journal of Chemometrics*,e3332	1.6	
1	Contingency tables, confusion matrices, classifiers and quality of prediction. *Journal of Chemometrics*,e3331	1.6	1