

Rasmus Bro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

229
papers

22,162
citations

62
h-index

146
g-index

243
ext. papers

25,349
ext. citations

4.9
avg, IF

7.44
L-index

#	Paper	IF	Citations
229	Hierarchical classification models and Handheld NIR spectrometer to human blood stains identification on different floor tiles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 267, 120533	4.4	0
228	PARASIAS: A new method for analyzing higher-order tensors with shifting profiles. <i>Analytica Chimica Acta</i> , 2022 , 339848	6.6	
227	Automatic and non-targeted analysis of the volatile profile of natural and alkalized cocoa powders using SBSE-GC-MS and chemometrics.. <i>Food Chemistry</i> , 2022 , 389, 133074	8.5	
226	From untargeted chemical profiling to peak tables [A fully automated AI driven approach to untargeted GC-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 145, 116451	14.6	2
225	PARAFAC2 and local minima. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021 , 104446	3.8	1
224	A Metabolomic Approach to Beer Characterization. <i>Molecules</i> , 2021 , 26,	4.8	4
223	All sparse PCA models are wrong, but some are useful. Part II: Limitations and problems of deflation. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021 , 208, 104212	3.8	2
222	Accelerating PARAFAC2 algorithms for non-negative complex tensor decomposition. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021 , 214, 104312	3.8	3
221	Spider web biomonitoring: A cost-effective source apportionment approach for urban particulate matter. <i>Environmental Pollution</i> , 2021 , 286, 117328	9.3	1
220	Laser-induced breakdown spectroscopy (LIBS) spectra interpretation and characterization using parallel factor analysis (PARAFAC): a new procedure for data and spectral interference processing fostering the waste electrical and electronic equipment (WEEE) recycling process. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 1115-1124	3.7	9
219	Can We Trust Score Plots?. <i>Metabolites</i> , 2020 , 10,	5.6	6
218	Multilinear Models, Iterative Methods 2020 , 267-304		1
217	Cross-product penalized component analysis (X-CAN). <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 203, 104038	3.8	1
216	Untargeted Metabolomic Profile for the Detection of Prostate Carcinoma-Preliminary Results from PARAFAC2 and PLS-DA Models. <i>Molecules</i> , 2019 , 24,	4.8	9
215	Emerging patterns in the global distribution of dissolved organic matter fluorescence. <i>Analytical Methods</i> , 2019 , 11, 888-893	3.2	28
214	Using deep learning to evaluate peaks in chromatographic data. <i>Talanta</i> , 2019 , 204, 255-260	6.2	36
213	Multivariate interpretation of the urinary steroid profile and training-induced modifications. The case study of a Marathon runner. <i>Drug Testing and Analysis</i> , 2019 , 11, 1556-1565	3.5	8

212	Fused adjacency matrices to enhance information extraction: The beer benchmark. <i>Analytica Chimica Acta</i> , 2019 , 1061, 70-83	6.6	8
211	Geometric search: A new approach for fitting PARAFAC2 models on GC-MS data. <i>Talanta</i> , 2018 , 185, 378-386	6.2	12
210	Nonnegative PARAFAC2: A Flexible Coupling Approach. <i>Lecture Notes in Computer Science</i> , 2018 , 89-98	0.9	7
209	Chemometric Analysis of NMR Spectra 2018 , 1649-1668		3
208	Modeling Food Fluorescence with PARAFAC. <i>Reviews in Fluorescence</i> , 2018 , 161-197	0	7
207	Gas chromatography - mass spectrometry data processing made easy. <i>Journal of Chromatography A</i> , 2017 , 1503, 57-64	4.5	128
206	Forecasting Chronic Diseases Using Data Fusion. <i>Journal of Proteome Research</i> , 2017 , 16, 2435-2444	5.6	11
205	Common and distinct components in data fusion. <i>Journal of Chemometrics</i> , 2017 , 31, e2900	1.6	48
204	Extension of SO-PLS to multi-way arrays: SO-N-PLS. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 164, 113-126	3.8	26
203	Benchmarking support vector regression against partial least squares regression and artificial neural network: Effect of sample size on model performance. <i>Journal of Near Infrared Spectroscopy</i> , 2017 , 25, 381-390	1.5	23
202	Recent chemometrics advances for foodomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 96, 42-51	14.6	61
201	An expert system for automated flavour matching IPrioritizer. <i>Flavour and Fragrance Journal</i> , 2017 , 32, 286-293	2.5	1
200	Calibration, standardization, and quantitative analysis of multidimensional fluorescence (MDF) measurements on complex mixtures (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2017 , 89, 1849-1870	2.1	12
199	Using PAT to accelerate the transition to continuous API manufacturing. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 821-832	4.4	26
198	Chemometric Analysis of NMR Spectra 2017 , 1-20		4
197	The effects of water and dairy drinks on dietary patterns in overweight adolescents. <i>International Journal of Food Sciences and Nutrition</i> , 2016 , 67, 314-24	3.7	8
196	Variable selection in multi-block regression. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016 , 156, 89-101	3.8	36
195	Direct, simultaneous quantification of fructooligosaccharides by FT-MIR ATR spectroscopy and chemometrics for rapid identification of superior, engineered Efructofuranosidases. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 1661-71	4.4	7

194	Experienced and inexperienced observers achieved relatively high within-observer agreement on video mobility scoring of dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 4560-71	4	6
193	Forecasting individual breast cancer risk using plasma metabolomics and biocontours. <i>Metabolomics</i> , 2015 , 11, 1376-1380	4.7	48
192	Data Fusion in Metabolomics Using Coupled Matrix and Tensor Factorizations. <i>Proceedings of the IEEE</i> , 2015 , 103, 1602-1620	14.3	61
191	. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 6315-6328	4.8	37
190	Fluorescence spectroscopy coupled with PARAFAC and PLS DA for characterization and classification of honey. <i>Food Chemistry</i> , 2015 , 175, 284-91	8.5	163
189	Application of Support Vector Regression for Simultaneous Modelling of near Infrared Spectra from Multiple Process Steps. <i>Journal of Near Infrared Spectroscopy</i> , 2015 , 23, 75-84	1.5	21
188	Indicators of dietary patterns in Danish infants at 9 months of age. <i>Food and Nutrition Research</i> , 2015 , 59, 27665	3.1	8
187	Multiscale entropy analysis of resting-state magnetoencephalogram with tensor factorisations in Alzheimer's disease. <i>Brain Research Bulletin</i> , 2015 , 119, 136-44	3.9	29
186	Maternal obesity and offspring dietary patterns at 9 months of age. <i>European Journal of Clinical Nutrition</i> , 2015 , 69, 668-75	5.2	21
185	PARAFAC models of fluorescence data with scattering: A comparative study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 142, 124-130	3.8	37
184	Development of Dietary Patterns Spanning Infancy and Toddlerhood: Relation to Body Size, Composition and Metabolic Risk Markers at Three Years. <i>AIMS Public Health</i> , 2015 , 2, 332-357	1.9	2
183	OpenFluor: An online spectral library of auto-fluorescence by organic compounds in the environment. <i>Analytical Methods</i> , 2014 , 6, 658-661	3.2	422
182	Structure-revealing data fusion. <i>BMC Bioinformatics</i> , 2014 , 15, 239	3.6	61
181	Automated resolution of overlapping peaks in chromatographic data. <i>Journal of Chemometrics</i> , 2014 , 28, 71-82	1.6	20
180	Determination of the botanical origin of honey by front-face synchronous fluorescence spectroscopy. <i>Applied Spectroscopy</i> , 2014 , 68, 557-63	3.1	41
179	Lameness detection challenges in automated milking systems addressed with partial least squares discriminant analysis. <i>Journal of Dairy Science</i> , 2014 , 97, 7476-86	4	25
178	No genetic footprints of the fat mass and obesity associated (FTO) gene in human plasma 1H CPMG NMR metabolic profiles. <i>Metabolomics</i> , 2014 , 10, 132-140	4.7	3
177	Understanding data fusion within the framework of coupled matrix and tensor factorizations. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013 , 129, 53-63	3.8	65

176	SCREAM: A novel method for multi-way regression problems with shifts and shape changes in one mode. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013 , 129, 64-75	3.8	8
175	Fluorescence spectroscopy and multi-way techniques. PARAFAC. <i>Analytical Methods</i> , 2013 , 5, 6557	3.2	862
174	Diagnosing latent copper deficiency in intact barley leaves (<i>Hordeum vulgare</i> , L.) using near infrared spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10901-10	5.7	39
173	Solving the sign indeterminacy for multiway models. <i>Journal of Chemometrics</i> , 2013 , 27, 70-75	1.6	5
172	Data fusion in metabolomic cancer diagnostics. <i>Metabolomics</i> , 2013 , 9, 3-8	4.7	43
171	. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 493-506	4.8	123
170	Classification Methods of Multiway Arrays as a Basic Tool for Food PDO Authentication. <i>Comprehensive Analytical Chemistry</i> , 2013 , 339-382	1.9	17
169	An automated method for baseline correction, peak finding and peak grouping in chromatographic data. <i>Analyst, The</i> , 2013 , 138, 3502-11	5	17
168	Core consistency diagnostic in PARAFAC2. <i>Journal of Chemometrics</i> , 2013 , 27, 99-105	1.6	30
167	Structure-revealing data fusion model with applications in metabolomics. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 6023-6	0.9	13
166	Practical comparison of multivariate chemometric techniques for pattern recognition used in environmental monitoring. <i>Analytical Methods</i> , 2012 , 4, 676	3.2	20
165	A tutorial on the Lasso approach to sparse modeling. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012 , 119, 21-31	3.8	70
164	Coupled Matrix Factorization with Sparse Factors to Identify Potential Biomarkers in Metabolomics 2012 ,		15
163	Tucker core consistency for validation of restricted Tucker3 models. <i>Analytica Chimica Acta</i> , 2012 , 723, 18-26	6.6	19
162	Coupled Matrix Factorization with Sparse Factors to Identify Potential Biomarkers in Metabolomics. <i>International Journal of Knowledge Discovery in Bioinformatics</i> , 2012 , 3, 22-43		10
161	Coclustering a useful tool for chemometrics. <i>Journal of Chemometrics</i> , 2012 , 26, 256-263	1.6	24
160	Chemometric approach to chromatic spatial variance. Case study: patchiness of the Skyros wall lizard. <i>Journal of Chemometrics</i> , 2012 , 26, 246-255	1.6	5
159	Fluorescence spectroscopy as a potential metabonomic tool for early detection of colorectal cancer. <i>Metabolomics</i> , 2012 , 8, 111-121	4.7	32

158	Data handling for interactive metabolomics: tools for studying the dynamics of metabolome-macromolecule interactions. <i>Metabolomics</i> , 2012 , 8, 52-63	4.7	9
157	Image analysis for maintenance of coating quality in nickel electroplating baths--real time control. <i>Analytica Chimica Acta</i> , 2011 , 706, 1-7	6.6	16
156	Olive oil quantification of edible vegetable oil blends using triacylglycerols chromatographic fingerprints and chemometric tools. <i>Talanta</i> , 2011 , 85, 177-82	6.2	54
155	Discriminating olive and non-olive oils using HPLC-CAD and chemometrics. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 2083-92	4.4	28
154	EEMizer: Automated modeling of fluorescence EEM data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011 , 106, 86-92	3.8	48
153	A classification tool for N-way array based on SIMCA methodology. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011 , 106, 73-85	3.8	40
152	Comprehensive control charting applied to chromatography. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011 , 107, 215-225	3.8	10
151	Flatbed scanners as a source of imaging. Brightness assessment and additives determination in a nickel electroplating bath. <i>Analytica Chimica Acta</i> , 2011 , 694, 38-45	6.6	10
150	Multivariate evaluation of pharmacological responses in early clinical trials - a study of rIL-21 in the treatment of patients with metastatic melanoma. <i>British Journal of Clinical Pharmacology</i> , 2010 , 69, 379-390	3.8	13
149	ChroMATHography: solving chromatographic issues with mathematical models and intuitive graphics. <i>Chemical Reviews</i> , 2010 , 110, 4582-605	68.1	158
148	Non-negative mixtures 2010 , 515-547		4
147	Quantitative determination of additives in a commercial electroplating nickel bath by spectrophotometry and multivariate analysis. <i>Analytical Methods</i> , 2010 , 2, 86-92	3.2	8
146	Chemometric quality control of chromatographic purity. <i>Journal of Chromatography A</i> , 2010 , 1217, 6503-19	4.9	20
145	Development of models for predicting toxicity from sediment chemistry by partial least squares-discriminant analysis and counter-propagation artificial neural networks. <i>Environmental Pollution</i> , 2010 , 158, 607-14	9.3	28
144	A chemometric approach to the environmental problem of predicting toxicity in contaminated sediments. <i>Journal of Chemometrics</i> , 2010 , 24, 379-386	1.6	19
143	Wheat flour formulation by mixture design and multivariate study of its technological properties. <i>Journal of Chemometrics</i> , 2010 , 24, 523-533	1.6	3
142	Some common misunderstandings in chemometrics. <i>Journal of Chemometrics</i> , 2010 , 24, 558-564	1.6	151
141	Using GEMANOVA to explore the pattern generating properties of the Delta-Notch model. <i>Journal of Chemometrics</i> , 2010 , 24, 626-634	1.6	3

140	Variable selection in regression – tutorial. <i>Journal of Chemometrics</i> , 2010 , 24, 728-737	1.6	439
139	Mathematical chromatography solves the cocktail party effect in mixtures using 2D spectra and PARAFAC. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 281-284	14.6	28
138	Data Pre-processing 2009 , 29-50		17
137	Application of rotated PCA models to facilitate interpretation of metabolite profiles: commercial preparations of St. John's Wort. <i>Planta Medica</i> , 2009 , 75, 271-9	3.1	13
136	PLS works. <i>Journal of Chemometrics</i> , 2009 , 23, 69-71	1.6	30
135	Modeling multi-way data with linearly dependent loadings. <i>Journal of Chemometrics</i> , 2009 , 23, 324-340	1.6	79
134	Increasing process understanding by analyzing complex interactions in experimental data. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 1852-61	3.9	12
133	A comparison of a common approach to partial least squares-discriminant analysis and classical least squares in hyperspectral imaging. <i>International Journal of Pharmaceutics</i> , 2009 , 373, 179-82	6.5	32
132	Prediction of skin quality properties by different Multivariate Image Analysis methodologies. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009 , 96, 6-13	3.8	15
131	Handling within run retention time shifts in two-dimensional chromatography data using shift correction and modeling. <i>Journal of Chromatography A</i> , 2009 , 1216, 4020-9	4.5	61
130	Feasibility of serodiagnosis of ovarian cancer by mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 1907-13	1.8	12
129	Modeling of temperature-induced near-infrared and low-field time-domain nuclear magnetic resonance spectral variation: chemometric prediction of limonene and water content in spray-dried delivery systems. <i>Applied Spectroscopy</i> , 2009 , 63, 141-52	3.1	5
128	Multilinear Models: Iterative Methods 2009 , 411-451		4
127	Combining PARAFAC analysis of HPLC-PDA profiles and structural characterization using HPLC-PDA-SPE-NMR-MS experiments: commercial preparations of St. John's Wort. <i>Analytical Chemistry</i> , 2008 , 80, 1978-87	7.8	51
126	Parallel factor analysis of excitation-emission matrix fluorescence spectra of water soluble soil organic matter as basis for the determination of conditional metal binding parameters. <i>Environmental Science & Technology</i> , 2008 , 42, 186-92	10.3	175
125	Direct functional assessment of the composite phenotype through multivariate projection strategies. <i>Genomics</i> , 2008 , 92, 373-83	4.3	8
124	Loopy MSC: a simple way to improve multiplicative scatter correction. <i>Applied Spectroscopy</i> , 2008 , 62, 1153-9	3.1	27
123	Prediction of sensory quality in raw carrots (<i>Daucus carota</i> L.) using multi-block LS-ParPLS. <i>Food Quality and Preference</i> , 2008 , 19, 609-617	5.8	19

122	Regional differences in world human body dimensions: the multi-way analysis approach. <i>Theoretical Issues in Ergonomics Science</i> , 2008 , 9, 325-345	2.2	6
121	Characterizing dissolved organic matter fluorescence with parallel factor analysis: a tutorial. <i>Limnology and Oceanography: Methods</i> , 2008 , 6, 572-579	2.6	1436
120	Characterizing dissolved organic matter fluorescence with parallel factor analysis: a tutorial. <i>Limnology and Oceanography: Methods</i> , 2008 , 6, 572-579	2.6	128
119	Regional differences in world human body dimensions: the multi-way analysis approach. <i>Theoretical Issues in Ergonomics Science</i> , 2008 , 9, 477-477	2.2	
118	Multiblock variance partitioning: a new approach for comparing variation in multiple data blocks. <i>Analytica Chimica Acta</i> , 2008 , 615, 18-29	6.6	44
117	Solving fundamental problems in chromatographic analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 281-5	4.4	53
116	Cross-validation of component models: a critical look at current methods. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1241-51	4.4	209
115	PowerSlicing to determine fluorescence lifetimes of water-soluble organic matter derived from soils, plant biomass, and animal manures. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 2189-94	4.4	4
114	Multi-way models for sensory profiling data. <i>Journal of Chemometrics</i> , 2008 , 22, 36-45	1.6	30
113	PARAFASCA: ASCA combined with PARAFAC for the analysis of metabolic fingerprinting data. <i>Journal of Chemometrics</i> , 2008 , 22, 114-121	1.6	41
112	New exploratory clustering tool. <i>Journal of Chemometrics</i> , 2008 , 22, 91-100	1.6	8
111	Resolving the sign ambiguity in the singular value decomposition. <i>Journal of Chemometrics</i> , 2008 , 22, 135-140	1.6	92
110	Classification of GC-MS measurements of wines by combining data dimension reduction and variable selection techniques. <i>Journal of Chemometrics</i> , 2008 , 22, 457-463	1.6	51
109	Quantitative analysis of NMR spectra with chemometrics. <i>Journal of Magnetic Resonance</i> , 2008 , 190, 26-32	3	76
108	Near-infrared chemical imaging (NIR-CI) on pharmaceutical solid dosage forms-comparing common calibration approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 554-61	3.5	124
107	Solving GC-MS problems with PARAFAC2. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 714-725	14.6	110
106	Seizure recognition on epilepsy feature tensor. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007 , 2007, 4273-6		10
105	Multi-way prediction in the presence of uncalibrated interferences. <i>Journal of Chemometrics</i> , 2007 , 21, 76-86	1.6	48

104	Fluorescence spectroscopy and chemometrics for classification of breast cancer samples: a feasibility study using extended canonical variates analysis. <i>Journal of Chemometrics</i> , 2007 , 21, 451-458	1.6	32
103	A novel strategy for solving matrix effect in three-way data using parallel profiles with linear dependencies. <i>Analytica Chimica Acta</i> , 2007 , 584, 397-402	6.6	47
102	Finding relevant spectral regions between spectroscopic techniques by use of cross model validation and partial least squares regression. <i>Analytica Chimica Acta</i> , 2007 , 595, 323-7	6.6	25
101	DOUBLESLICING: a non-iterative single profile multi-exponential curve resolution procedure. Application to time-domain NMR transverse relaxation data. <i>Journal of Magnetic Resonance</i> , 2007 , 189, 286-92	3	14
100	Vibrational overtone combination spectroscopy (VOCSY)-a new way of using IR and NIR data. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 179-88	4.4	16
99	Spectral reflectance at sub-leaf scale including the spatial distribution discriminating NPK stress characteristics in barley using multiway partial least squares regression. <i>International Journal of Remote Sensing</i> , 2007 , 28, 943-962	3.1	35
98	Multiway analysis of epilepsy tensors. <i>Bioinformatics</i> , 2007 , 23, i10-8	7.2	158
97	Dioxin screening in fish product by pattern recognition of biomarkers. <i>Chemosphere</i> , 2007 , 67, S28-35	8.4	9
96	A modification of canonical variates analysis to handle highly collinear multivariate data. <i>Journal of Chemometrics</i> , 2006 , 20, 425-435	1.6	77
95	Automated alignment of chromatographic data. <i>Journal of Chemometrics</i> , 2006 , 20, 484-497	1.6	224
94	Handling of Rayleigh and Raman scatter for PARAFAC modeling of fluorescence data using interpolation. <i>Journal of Chemometrics</i> , 2006 , 20, 99-105	1.6	344
93	Application of Multi-Way Analysis to 2D NMR Data. <i>Annual Reports on NMR Spectroscopy</i> , 2006 , 59, 207-233		12
92	Multivariate autofluorescence of intact food systems. <i>Chemical Reviews</i> , 2006 , 106, 1979-94	68.1	212
91	Review on Multiway Analysis in Chemistry 2000-2005. <i>Critical Reviews in Analytical Chemistry</i> , 2006 , 36, 279-293	5.2	178
90	Exploratory study of winter wheat reflectance during vegetative growth using three-mode component analysis. <i>International Journal of Remote Sensing</i> , 2006 , 27, 919-937	3.1	10
89	Active photosensitizers in butter detected by fluorescence spectroscopy and multivariate curve resolution. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 10197-204	5.7	38
88	Analysis of sensory data of Aceto Balsamico Tradizionale di Modena (ABTM) of different ageing by application of PARAFAC models. <i>Food Quality and Preference</i> , 2006 , 17, 419-428	5.8	43
87	Challenges for data analysis in flavour science. <i>Developments in Food Science</i> , 2006 , 43, 619-621		

86	Dissolved Organic Matter Characterization Using Multiway Spectral Decomposition of Fluorescence Landscapes. <i>Soil Science Society of America Journal</i> , 2006 , 70, 2028-2037	2.5	188
85	A comparison of algorithms for fitting the PARAFAC model. <i>Computational Statistics and Data Analysis</i> , 2006 , 50, 1700-1734	1.6	262
84	Comparison of PARAFAC2 and MCR-ALS for resolution of an analytical liquid dilution system. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 83, 13-25	3.8	33
83	Application of N-PLS to gas chromatographic and sensory data of traditional balsamic vinegars of modena. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 83, 54-65	3.8	60
82	Temperature-induced variation for NIR tensor-based calibration. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 83, 75-82	3.8	28
81	Multi-way analysis for investigation of industrial pectin using an analytical liquid dilution system. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 84, 9-20	3.8	6
80	Real-time monitoring and chemical profiling of a cultivation process. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 84, 106-113	3.8	32
79	Generalized correlation loadings. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 84, 119-125	3.8	14
78	Univariate and multivariate modelling of flavour release in chewing gum using time-intensity: a comparison of data analytical methods. <i>Food Quality and Preference</i> , 2005 , 16, 327-343	5.8	33
77	A new approach for modelling sensor based data. <i>Sensors and Actuators B: Chemical</i> , 2005 , 106, 719-729	8.5	35
76	Analysis of lipoproteins using 2D diffusion-edited NMR spectroscopy and multi-way chemometrics. <i>Analytica Chimica Acta</i> , 2005 , 531, 209-216	6.6	56
75	A metabolomic investigation of splanchnic metabolism using 1H NMR spectroscopy of bovine blood plasma. <i>Analytica Chimica Acta</i> , 2005 , 536, 1-6	6.6	17
74	First order Rayleigh scatter as a separate component in the decomposition of fluorescence landscapes. <i>Analytica Chimica Acta</i> , 2005 , 537, 349-358	6.6	61
73	CuBatch, a MATLAB [®] interface for n-mode data analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005 , 77, 122-130	3.8	6
72	Standard error of prediction for multilinear PLS: 2. Practical implementation in fluorescence spectroscopy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005 , 75, 69-76	3.8	24
71	PARAFAC and missing values. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005 , 75, 163-180	3.8	146
70	Multiway chemometric analysis of the metabolic response to toxins monitored by NMR. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005 , 76, 79-89	3.8	30
69	Robust methods for multivariate data analysis. <i>Journal of Chemometrics</i> , 2005 , 19, 549-563	1.6	110

68	Classification of Membrane Permeability of Drug Candidates: A Methodological Investigation. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 449-457		14
67	2004,		428
66	Quantification and handling of sampling errors in instrumental measurements: a case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004 , 72, 43-50	3.8	10
65	Rapid dioxin assessment in fish products by fatty acid pattern recognition. <i>Analyst, The</i> , 2004 , 129, 553-85		6
64	Determination of the protein content in brine from salted herring using near-infrared spectroscopy. <i>LWT - Food Science and Technology</i> , 2004 , 37, 803-809	5.4	16
63	Centering and scaling in component analysis. <i>Journal of Chemometrics</i> , 2003 , 17, 16-33	1.6	264
62	Pre-whitening of data by covariance-weighted pre-processing. <i>Journal of Chemometrics</i> , 2003 , 17, 153-165		73
61	Practical aspects of PARAFAC modeling of fluorescence excitation-emission data. <i>Journal of Chemometrics</i> , 2003 , 17, 200-215	1.6	452
60	A new efficient method for determining the number of components in PARAFAC models. <i>Journal of Chemometrics</i> , 2003 , 17, 274-286	1.6	847
59	Quantifying and handling errors in instrumental measurements using the measurement error theory. <i>Journal of Chemometrics</i> , 2003 , 17, 621-629	1.6	4
58	Theory of net analyte signal vectors in inverse regression. <i>Journal of Chemometrics</i> , 2003 , 17, 646-652	1.6	51
57	Quantifying catecholamines using multi-way kinetic modelling. <i>Analytica Chimica Acta</i> , 2003 , 475, 137-150		54
56	Multivariate calibration. <i>Analytica Chimica Acta</i> , 2003 , 500, 185-194	6.6	158
55	Recent developments in CANDECOMP/PARAFAC algorithms: a critical review. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2003 , 65, 119-137	3.8	183
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