Svante Wold

List of Publications by Year
in descending order

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167 papers	36,918 citations	17440 63 h-index	6836 155 g-index
174 all docs	174 docs citations	174 times ranked	30277 citing authors

#	Article	IF	Citations
1	Chemometrics and Bruce: Some Fond Memories. ACS Symposium Series, 2015, , 1-13.	0.5	0
2	A chemometrics toolbox based on projections and latent variables. Journal of Chemometrics, 2014, 28, 332-346.	1.3	50
3	A strategy for ranking environmentally occurring chemicals. Part III: Multivariate quantitative structure-activity relationships for halogenated aliphatics. Environmental Toxicology and Chemistry, 2010, 9, 1339-1351.	4.3	9
4	A graphical index of separation (GIOS) in multivariate modeling. Journal of Chemometrics, 2010, 24, 779-789.	1.3	6
5	PLSâ€treesÂ®, a topâ€down clustering approach. Journal of Chemometrics, 2009, 23, 569-580.	1.3	17
6	CVâ€ANOVA for significance testing of PLS and OPLSÂ® models. Journal of Chemometrics, 2008, 22, 594-600.	1.3	600
7	A randomization test for PLS component selection. Journal of Chemometrics, 2007, 21, 427-439.	1.3	122
8	Separating Y-predictive and Y-orthogonal variation in multi-block spectral data. Journal of Chemometrics, 2006, 20, 352-361.	1.3	14
9	PCA and PLS with very large data sets. Computational Statistics and Data Analysis, 2005, 48, 69-85.	1.2	154
10	Multivariate analysis of congruent images (MACI). Journal of Chemometrics, 2005, 19, 393-403.	1.3	16
11	Using chemometrics for navigating in the large data sets of genomics, proteomics, and metabonomics (gpm). Analytical and Bioanalytical Chemistry, 2004, 380, 419-429.	3.7	245
12	The utility of multivariate design in PLS modeling. Journal of Chemometrics, 2004, 18, 156-165.	1.3	36
13	Controlling coverage of D-optimal onion designs and selections. Journal of Chemometrics, 2004, 18, 548-557.	1.3	15
14	D-optimal onion designs in statistical molecular design. Chemometrics and Intelligent Laboratory Systems, 2004, 73, 37-46.	3.5	69
15	Time-resolved QSAR: an approach to PLS modelling of three-way biological data. Chemometrics and Intelligent Laboratory Systems, 2004, 73, 73-84.	3.5	19
16	O2-PLS, a two-block (X-Y) latent variable regression (LVR) method with an integral OSC filter. Journal of Chemometrics, 2003, 17, 53-64.	1.3	301
17	Orthogonal projections to latent structures (Oâ€PLS). Journal of Chemometrics, 2002, 16, 119-128.	1.3	1,958
18	New and old trends in chemometrics. How to deal with the increasing data volumes in R&D&P (research, development and production)?with examples from pharmaceutical research and process modeling. Journal of Chemometrics, 2002, 16, 377-386.	1.3	37

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19	Megavariate analysis of hierarchical QSAR data. Journal of Computer-Aided Molecular Design, 2002, 16, 711-726.	2.9	49
20	Design of Small Libraries for Lead Exploration. , 2002, , 197-220.		2
21	Statistical Molecular Design, Parallel Synthesis, and Biological Evaluation of a Library of Thrombin Inhibitors. Journal of Medicinal Chemistry, 2001, 44, 3424-3439.	6.4	50
22	Multivariate Techniques for Studying Short Protein Sequences. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 69-74.	0.4	0
23	Personal memories of the early PLS development. Chemometrics and Intelligent Laboratory Systems, 2001, 58, 83-84.	3.5	86
24	PLS-regression: a basic tool of chemometrics. Chemometrics and Intelligent Laboratory Systems, 2001, 58, 109-130.	3.5	7,224
25	Some recent developments in PLS modeling. Chemometrics and Intelligent Laboratory Systems, 2001, 58, 131-150.	3.5	442
26	Strategies for subset selection of parts of an in-house chemical library. Journal of Chemometrics, 2001, 15, 353-369.	1.3	13
27	The GIFI approach to non-linear PLS modeling. Journal of Chemometrics, 2001, 15, 321-336.	1.3	29
28	GIFI-PLS: Modeling of Non-Linearities and Discontinuities in QSAR. QSAR and Combinatorial Science, 2000, 19, 345-355.	1.2	16
29	On the selection of the training set in environmental QSAR analysis when compounds are clustered. Journal of Chemometrics, 2000, 14, 599-616.	1.3	88
30	Comparison between physicochemical and calculated molecular descriptors. Journal of Chemometrics, 2000, 14, 629-642.	1.3	18
31	Orthogonal signal correction, wavelet analysis, and multivariate calibration of complicated process fluorescence data. Analytica Chimica Acta, 2000, 420, 181-195.	5.4	83
32	Multivariate quantitative structure-activity relationships for the aquatic toxicity of technical nonionic surfactants. Journal of Surfactants and Detergents, 2000, 3, 33-41.	2.1	20
33	Statistical Molecular Design of Building Blocks for Combinatorial Chemistry. Journal of Medicinal Chemistry, 2000, 43, 1320-1328.	6.4	86
34	Study of Preprocessing Methods for the Determination of Crystalline Phases in Binary Mixtures of Drug Substances by X-ray Powder Diffraction and Multivariate Calibration. Applied Spectroscopy, 2000, 54, 1222-1230.	2.2	30
35	Multivariate Design and Modelling in QSAR, Combinatorial Chemistry, and Bioinformatics. , 2000, , 27-45.		4
36	The Constrained Principal Property (CPP) Space in QSAR â€" Directional and Non-Directional Modelling Approaches. , 2000, , 65-70.		2

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37	A serial extension of multiblock PLS. Journal of Chemometrics, 1999, 13, 461-471.	1.3	47
38	Sampling Reproducibility and Error Estimation in near Infrared Calibration of Lake Sediments for Water Quality Monitoring. Journal of Near Infrared Spectroscopy, 1999, 7, 241-250.	1.5	20
39	Calibration Transfer for Predicting Lake-Water pH from near Infrared Spectra of Lake Sediments. Journal of Near Infrared Spectroscopy, 1999, 7, 251-264.	1.5	44
40	Statistical molecular design of peptoid libraries. Molecular Diversity, 1998, 4, 103-114.	3.9	23
41	PLS regression on wavelet compressed NIR spectra. Chemometrics and Intelligent Laboratory Systems, 1998, 42, 209-220.	3.5	165
42	Multivariate process and quality monitoring applied to an electrolysis process. Chemometrics and Intelligent Laboratory Systems, 1998, 42, 221-231.	3.5	67
43	Multivariate process and quality monitoring applied to an electrolysis process. Chemometrics and Intelligent Laboratory Systems, 1998, 42, 233-240.	3.5	28
44	Adaptive batch monitoring using hierarchical PCA. Chemometrics and Intelligent Laboratory Systems, 1998, 41, 73-81.	3.5	171
45	Chemometrics, present and future success. Chemometrics and Intelligent Laboratory Systems, 1998, 44, 3-14.	3.5	125
46	Orthogonal signal correction of near-infrared spectra. Chemometrics and Intelligent Laboratory Systems, 1998, 44, 175-185.	3.5	911
47	An evaluation of orthogonal signal correction applied to calibration transfer of near infrared spectra. Chemometrics and Intelligent Laboratory Systems, 1998, 44, 229-244.	3.5	256
48	Fuzzy clustering of 627 alcohols, guided by a strategy for cluster analysis of chemical compounds for combinatorial chemistry. Chemometrics and Intelligent Laboratory Systems, 1998, 44, 213-227.	3.5	26
49	Modelling and diagnostics of batch processes and analogous kinetic experiments. Chemometrics and Intelligent Laboratory Systems, 1998, 44, 331-340.	3.5	332
50	New Chemical Descriptors Relevant for the Design of Biologically Active Peptides. A Multivariate Characterization of 87 Amino Acids. Journal of Medicinal Chemistry, 1998, 41, 2481-2491.	6.4	574
51	Pls and NIR Spectroscopyâ€"Some Recent Developments. NIR News, 1998, 9, 10-11.	0.3	2
52	Chemometrics and its Roots in Physical Organic Chemistry.. Acta Chemica Scandinavica, 1998, 52, 517-523.	0.7	28
53	Alignment of flexible molecules at their receptor site using 3D descriptors and Hi-PCA. Journal of Computer-Aided Molecular Design, 1997, 11, 601-612.	2.9	18
54	Cluster-based Design in Environmental QSAR. QSAR and Combinatorial Science, 1997, 16, 383-390.	1.2	27

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55	INLR, implicit non-linear latent variable regression. Journal of Chemometrics, 1997, 11, 141-156.	1.3	102
56	Quantitative-structure-effect relationship for some technical nonionic surfactants. JAOCS, Journal of the American Oil Chemists' Society, 1996, 73, 863-875.	1.9	12
57	The evolutionary transition from uracil to thymine balances the genetic code. Journal of Chemometrics, 1996, 10, 163-170.	1.3	1
58	Hierarchical multiblock PLS and PC models for easier model interpretation and as an alternative to variable selection. Journal of Chemometrics, 1996, 10, 463-482.	1.3	294
59	PLS modelling of detergency performance for some technical nonionic surfactants. Chemometrics and Intelligent Laboratory Systems, 1996, 32, 111-124.	3.5	6
60	QSAR Modelling of the Toxicity of some Technical Non-ionic Surfactants towards Fairy Shrimps. QSAR and Combinatorial Science, 1996, 15, 208-218.	1.2	15
61	Stone and jonathan versus mager debate. Journal of Chemometrics, 1995, 9, 230-231.	1.3	0
62	Interactive variable selection (IVS) for PLS. Part II: Chemical applications. Journal of Chemometrics, 1995, 9, 331-342.	1.3	74
63	A PLS kernel algorithm for data sets with many variables and few objects. Part II: Cross-validation, missing data and examples. Journal of Chemometrics, 1995, 9, 459-470.	1.3	53
64	Multivariate analysis of aquatic toxicity data with PLS. Aquatic Sciences, 1995, 57, 217-241.	1.5	137
65	A PLS kernel algorithm for data sets with many variables and fewer objects. Part 1: Theory and algorithm. Journal of Chemometrics, 1994, 8, 111-125.	1.3	270
66	Interactive variable selection (IVS) for PLS. Part 1: Theory and algorithms. Journal of Chemometrics, 1994, 8, 349-363.	1.3	210
67	Kernel-based PLS regression; Cross-validation and applications to spectral data. Journal of Chemometrics, 1994, 8, 377-389.	1.3	31
68	Multivariate design of process experiments (M-DOPE). Chemometrics and Intelligent Laboratory Systems, 1994, 23, 39-50.	3.5	26
69	Exponentially weighted moving principal components analysis and projections to latent structures. Chemometrics and Intelligent Laboratory Systems, 1994, 23, 149-161.	3.5	226
70	The kernel algorithm for PLS. Journal of Chemometrics, 1993, 7, 45-59.	1.3	292
71	Modelling the Cytotoxicity of Halogenated Aliphatic Hydrocarbons. Quantitative Structure-Activity Relationships for the IC50to Human HeLa Cells. QSAR and Combinatorial Science, 1993, 12, 124-131.	1.2	11
72	D-Optimal Designs in QSAR. QSAR and Combinatorial Science, 1993, 12, 225-231.	1.2	68

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73	Discussion: PLS in Chemical Practice. Technometrics, 1993, 35, 136-139.	1.9	54
74	Quantitative sequence-activity models (QSAM)â€"tools for sequence design. Nucleic Acids Research, 1993, 21, 733-739.	14.5	58
75	Discussion: PLS in Chemical Practice. Technometrics, 1993, 35, 136.	1.9	17
76	Quantitative description of nucleic acid sequences based on chemical characterization of the monomers. , 1993, , 483-484.		0
77	Nonlinear partial least squares modelling II. Spline inner relation. Chemometrics and Intelligent Laboratory Systems, 1992, 14, 71-84.	3.5	249
78	Rational ranking of chemicals according to environmental risk. Chemometrics and Intelligent Laboratory Systems, 1992, 14, 245-252.	3.5	5
79	Chemometrics, why, what and where to next?. Journal of Pharmaceutical and Biomedical Analysis, 1991, 9, 589-596.	2.8	43
80	A strategy for ranking environmentally occurring chemicals. Part V: The development of two genotoxicity QSARs for halogenated aliphatics. Environmental Toxicology and Chemistry, 1991, 10, 585-596.	4.3	12
81	A Strategy for Ranking Environmentally Occurring Chemicals. Part IV: Development of Chemical Model Systems for Characterization of Halogenated Aliphatic Hydrocarbons. QSAR and Combinatorial Science, 1991, 10, 36-42.	1.2	10
82	Validation of QSAR's. QSAR and Combinatorial Science, 1991, 10, 191-193.	1.2	266
83	Minimum analogue peptide sets (MAPS) for quantitative structureâ€activity relationships. International Journal of Peptide and Protein Research, 1991, 37, 414-424.	0.1	124
84	A Multivariate Representation and Analysis of DNA Sequence Data.. Acta Chemica Scandinavica, 1991, 45, 186-192.	0.7	14
85	A Strategy for Ranking Environmentally Occurring Chemicals. Part VI. QSARs for the Mutagenic Effects of Halogenated Aliphatics.. Acta Chemica Scandinavica, 1991, 45, 935-944.	0.7	8
86	QSARs based on statistical design and their use for identifying chemicals for further biological testing. Environmental Toxicology and Chemistry, 1990, 9, 265-277.	4.3	33
87	Residual bilinearization. Part 1: Theory and algorithms. Journal of Chemometrics, 1990, 4, 79-90.	1.3	130
88	Residual bilinearization. Part 2: Application to HPLCâ€"diode array data and comparison with rank annihilation factor analysis. Journal of Chemometrics, 1990, 4, 135-146.	1.3	62
89	Dedicated principal properties for peptide QSARs: Theory and applications. Journal of Chemometrics, 1990, 4, 241-253.	1.3	9
90	Multivariate analysis of variance (MANOVA). Chemometrics and Intelligent Laboratory Systems, 1990, 9, 127-141.	3.5	82

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91	Evaluation of a multiple gas mixture with a simple MOSFET gas sensor array and pattern recognition. Sensors and Actuators B: Chemical, 1990, 2, 115-123.	7.8	75
92	A STRATEGY FOR RANKING ENVIRONMENTALLY OCCURRING CHEMICALS. PART III: MULTIVARIATE QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS FOR HALOGENATED ALIPHATICS. Environmental Toxicology and Chemistry, 1990, 9, 1339.	4.3	35
93	Peptide QSAR on Substance P Analogues, Enkephalins, and Bradykinins Containing L- and D-Amino Acids.. Acta Chemica Scandinavica, 1990, 44, 50-55.	0.7	20
94	Analogy Models for Prediction of Human Toxicity. ATLA Alternatives To Laboratory Animals, 1990, 18, 103-116.	1.0	28
95	Multivariate Parametrization of 55 Coded and Non-Coded Amino Acids. QSAR and Combinatorial Science, 1989, 8, 204-209.	1.2	107
96	Relationships between higher-order data array configurations and problem formulations in multivariate data analysis. Journal of Chemometrics, 1989, 3, 33-48.	1.3	23
97	A strategy for ranking environmentally occurring chemicals. Chemometrics and Intelligent Laboratory Systems, 1989, 5, 169-186.	3.5	47
98	Principal component analysis of multivariate images. Chemometrics and Intelligent Laboratory Systems, 1989, 5, 209-220.	3.5	160
99	Nonlinear PLS modeling. Chemometrics and Intelligent Laboratory Systems, 1989, 7, 53-65.	3.5	478
100	A strategy for ranking environmentally occurring chemicals. Chemometrics and Intelligent Laboratory Systems, 1989, 7, 131-141.	3.5	20
101	Source contributions to ambient aerosol calculated by discriminat partial least squares regression (PLS). Journal of Chemometrics, 1988, 2, 281-296.	1.3	91
102	Multivariate Parametrization of Amino Acid Properties by Thin Layer Chromatography. QSAR and Combinatorial Science, 1988, 7, 144-150.	1.2	25
103	6 Multivariate Data Analysis and Experimental Design in Biomedical Research. Progress in Medicinal Chemistry, 1988, 25, 291-338.	10.4	134
104	Principal property values for six non-natural amino acids and their application to a structureâ€“activity relationship for oxytocin peptide analogues. Canadian Journal of Chemistry, 1987, 65, 1814-1820.	1.1	73
105	Peptide quantitative structure-activity relationships, a multivariate approach. Journal of Medicinal Chemistry, 1987, 30, 1126-1135.	6.4	509
106	Multivariate geochemical modelling and integration with petrophysical data. Journal of Geochemical Exploration, 1987, 29, 279-294.	3.2	9
107	Multi-way principal components-and PLS-analysis. Journal of Chemometrics, 1987, 1, 41-56.	1.3	670
108	Partial least squares analysis with cross-validation for the two-class problem: A Monte Carlo study. Journal of Chemometrics, 1987, 1, 185-196.	1.3	435

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109	Comments on a recent evaluation of the SIMCA method. Journal of Chemometrics, 1987, 1, 243-245.	1.3	47
110	Local principal component models, rank maps and contextuality for curve resolution and multi-way calibration inference. Chemometrics and Intelligent Laboratory Systems, 1987, 2, 273-281.	3.5	50
111	Multivariate modelling of geochemical and geophysical exploration data. Chemometrics and Intelligent Laboratory Systems, 1987, 2, 161-175.	3.5	12
112	Multivariate Characterization of Amino Acids by Reversed Phase High Pressure Liquid Chromatography. QSAR and Combinatorial Science, 1987, 6, 158-164.	1.2	13
113	Multivariate resolution of overlapped peaks in liquid chromatography using diode array detection. Analytical Chemistry, 1986, 58, 299-303.	6.5	38
114	On the use of some multivariate statistical methods in pharmacological research. Journal of Pharmacological Methods, 1986, 16, 91-110.	0.7	36
115	Use of chemometrics in environmental toxicology and structure-activity relationships. TrAC - Trends in Analytical Chemistry, 1986, 5, 53-56.	11.4	4
116	Multivariate design. Analytica Chimica Acta, 1986, 191, 17-32.	5.4	111
117	Image analysis and chemical information in images. Analytica Chimica Acta, 1986, 191, 473-480.	5.4	48
118	Relationships between induction of anesthesia and mitotic spindle disturbances studied by means of principal component analysis. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1986, 174, 109-113.	1.1	14
119	Comparison Between X-Ray Crystallographic Data and Physicochemical Parameters with Respect to Their Information about the Calcium Channel Antagonist Activity of 4-Phenyl-1,4-dihydropyridines. QSAR and Combinatorial Science, 1986, 5, 45-50.	1.2	28
120	PLS DISCRIMINANT PLOTS. , 1986, , 461-470.		85
121	The Prediction of Bradykinin Potentiating Potency of Pentapeptides. An Example of a Peptide Quantitative Structure-activity Relationship.. Acta Chemica Scandinavica, 1986, 40b, 135-140.	0.7	112
122	Simple Modeling by Chemical Analogy Pattern Recognition. ACS Symposium Series, 1985, , 243-249.	0.5	1
123	Determination of the proteins in mixtures of meat, soymeal and rind from their chromatographic amino-acid pattern by the partial least-squares method. Analytica Chimica Acta, 1985, 171, 1-11.	5.4	14
124	Simultaneous determination of five different food proteins by high-performance liquid chromatography and partial least-squares multivariate calibration. Analytica Chimica Acta, 1985, 174, 41-51.	5.4	18
125	The Anesthetic Activity and Toxicity of Halogenated Ethyl Methyl Ethers, a Multivariate QSAR Modelled by PLS. QSAR and Combinatorial Science, 1985, 4, 1-11.	1.2	39
126	A multivariate study of the relationship between the genetic code and the physical-chemical properties of amino acids. Journal of Molecular Evolution, 1985, 22, 272-277.	1.8	98

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127	Screening of Suitable Solvents in Organic Synthesis. Strategies for Solvent Selection.. Acta Chemica Scandinavica, 1985, 39b, 79-91.	0.7	91
128	A Simca Pattern Recognition Study in Taxonomy: Claw Shape in Mosquitoes (Culicidae, Insecta). Systematic Zoology, 1984, 33, 355.	1.6	6
129	Multivariate Data Analysis in Chemistry. , 1984, , 17-95.		300
130	The use of Simca Pattern Recognition in the Analysis of Complex Chromatographic Data. , 1984, , 75-88.		1
131	Simplified C-13 NMR Parameters Related to the Carcinogenic Potency of Polycyclic Aromatic Hydrocarbons. QSAR and Combinatorial Science, 1983, 2, 73-76.	1.2	15
132	Preference of cauliflower related to sensory descriptive variables by partial least squares (PLS) regression. Journal of the Science of Food and Agriculture, 1983, 34, 715-724.	3.5	33
133	A multivariate calibration problem in analytical chemistry solved by partial least-squares models in latent variables. Analytica Chimica Acta, 1983, 150, 61-70.	5.4	242
134	Principal components and partial least-squares analysis of the geochemistry of volcanic rocks from the aeolian archipelago. Analytica Chimica Acta, 1983, 150, 129-143.	5.4	18
135	Partial least-squares method for spectrofluorimetric analysis of mixtures of humic acid and lignin sulfonate. Analytical Chemistry, 1983, 55, 643-648.	6.5	440
136	Multivariate quantitative structure-activity relationships (QSAR): conditions for their applicability. Journal of Chemical Information and Computer Sciences, 1983, 23, 6-13.	2.8	152
137	31 Pattern recognition in chemistry. Handbook of Statistics, 1982, 2, 673-697.	0.6	43
138	Distribution of arsenic, manganese, and selenium in the human brain in chronic renal insufficiency, Parkinson's disease, and amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 1981, 51, 437-446.	0.6	33
139	Application of principal component analysis to13C NMR shifts of chalcones and their thiophene and furan analogues: A useful tool for the shift assignment and for the study of substituent effects. Magnetic Resonance in Chemistry, 1981, 17, 118-123.	0.7	18
140	The carcinogenicity of N-nitroso compounds: A SIMCA pattern recognition study. Bioorganic Chemistry, 1981, 10, 29-45.	4.1	15
141	Application of simca multivariate data analysis to the classification of gas chromatographic profiles of human brain tissues. Analytica Chimica Acta, 1981, 133, 251-259.	5.4	35
142	Relationships between chemical structure and biological activity modeled by SIMCA pattern recognition. Bioorganic Chemistry, 1980, 9, 505-523.	4.1	48
143	Interpretation of NMR substituent parameters by the use of a pattern recognition approach. Journal of Magnetic Resonance, 1980, 37, 183-194.	0.5	18
144	Structure-activity analyzed by pattern recognition: the asymmetric case. Journal of Medicinal Chemistry, 1980, 23, 595-599.	6.4	60

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145	CHARACTERIZATION AND CLASSIFICATION BASED ON MULTIVARIATE DATA ANALYSIS. , 1980, , 377-386.		5
146	Society, Politics, and Economic Development Revisited. , 1980, , 1-18.		2
147	Reproducibility of pyrolysis-gas chromatographic analyses of the mould penicillim brevi-compactum. Journal of Chromatography A, 1979, 173, 7-17.	3.7	28
148	Classification of fungi by means of pyrolysis-gas chromatography-pattern recognition. Journal of Chromatography A, 1979, 173, 19-32.	3.7	69
149	Data analysis of pyrolysisâ€"chromatograms by means of simca pattern recognition. Journal of Analytical and Applied Pyrolysis, 1979, 1, 53-65.	5.5	43
150	Four levels of pattern recognition. Analytica Chimica Acta, 1978, 103, 429-443.	5.4	166
151	A structure-carcinogenicity study of 4-nitroquinoline 1-oxides using the SIMCA method of pattern recognition. Journal of Medicinal Chemistry, 1978, 21, 1001-1007.	6.4	51
152	Cross-Validatory Estimation of the Number of Components in Factor and Principal Components Models. Technometrics, 1978, 20, 397-405.	1.9	2,161
153	Structure-activity study of .beta.-adrenergic agents using the SIMCA method of pattern recognition. Journal of Medicinal Chemistry, 1978, 21, 922-930.	6.4	64
154	Linear Free Energy Relationships as Tools for Investigating Chemical Similarityâ€"Theory and Practice. , 1978, , 1-54.		15
155	Cross-Validatory Estimation of the Number of Components in Factor and Principal Components Models. Technometrics, 1978, 20, 397.	1.9	586
156	Carcinogenicity of Polycyclic Aromatic Hydrocarbons Studied by SIMCA Pattern Recognition.. Acta Chemica Scandinavica, 1978, 32b, 602-608.	0.7	42
157	SIMCA: A Method for Analyzing Chemical Data in Terms of Similarity and Analogy. ACS Symposium Series, 1977, , 243-282.	0.5	363
158	Pattern-recognition Search for the Basic Regularities in the Stability of Complex Hydrides. Part 1. A Simplified Model.. Acta Chemica Scandinavica, 1977, 31a, 391-401.	0.7	5
159	Trace-element concentrations in blood samples from welders of stainless steel or aluminium and a reference group.. Scandinavian Journal of Work, Environment and Health, 1977, 3, 183-191.	3.4	9
160	Pattern recognition by means of disjoint principal components models. Pattern Recognition, 1976, 8, 127-139.	8.1	1,040
161	Plasma Levels and Clinical Effects of Thioridazine and Thiothixene. Journal of Clinical Pharmacology, 1975, 15, 178-186.	2.0	34
162	Spline Functions in Data Analysis. Technometrics, 1974, 16, 1-11.	1.9	307

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163	Major components influencing retention indices in gas chromatography. Journal of Chromatography A, 1973, 80, 43-59.	3.7	68
164	Temperature dependence of the heat capacity of activation (.DELTA.Cp.ddg.) for solvolysis reactions in water. The Journal of Physical Chemistry, 1972, 76, 369-374.	2.9	8
165	Estimation of Activation Parameters from One Kinetic Experiment (Varytemp Method). Error Analysis and Revised Computer Program.. Acta Chemica Scandinavica, 1971, 25, 336-339.	0.7	6
166	Intelligent Combinatorial Libraries. , 0, , 189-208.		10
167	INLR (Implicit Non-linear Latent variable Regression). II. Blockscaling of Expanded Terms with QSAR Examples. , 0, , 65-79.		1