

Costel Sarbu

List of Publications by Year in descending order

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124
papers

2,257
citations

293460

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340414

39
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126
all docs

126
docs citations

126
times ranked

2304
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy characterization and classification of bacteria species detected at single-cell level by surface-enhanced Raman scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119149.	2.0	13
2	Multivariate color scale image analysis “Thin layer chromatography for comprehensive evaluation of complex samples fingerprint. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1170, 122590.	1.2	8
3	Evaluation of Mushrooms Based on FT-IR Fingerprint and Chemometrics. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9577.	1.3	0
4	Fuzzy Divisive Hierarchical Associative-Clustering Applied to Different Varieties of White Wines According to Their Multi-Elemental Profiles. <i>Molecules</i> , 2020, 25, 4955.	1.7	5
5	Fuzzy Divisive Hierarchical Clustering of Solvents According to Their Experimentally and Theoretically Predicted Descriptors. <i>Symmetry</i> , 2020, 12, 1763.	1.1	2
6	Finding specific peaks (markers) using fuzzy divisive hierarchical associative-clustering based on the chromatographic profiles of medicinal plant extracts obtained at various detection wavelengths. <i>Analytical Methods</i> , 2020, 12, 3260-3267.	1.3	1
7	Fuzzy characterization and classification of solvents according to their polarity and selectivity. A comparison with the Snyder approach. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 336-343.	0.5	3
8	Comprehensive evaluation of radical scavenging, reducing power and chelating capacity of free proteinogenic amino acids using spectroscopic assays and multivariate exploratory techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118158.	2.0	16
9	Characterization and classification of wines according to geographical origin, vintage and specific variety based on elemental content: a new chemometric approach. <i>Journal of Food Science and Technology</i> , 2019, 56, 5225-5233.	1.4	10
10	A comprehensive classification of edible oils according to their radical scavenging spectral profile evaluated by advanced chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 204-209.	2.0	12
11	The impact of the order of derivative spectra on the performance of pattern recognition methods. Classification of medicinal plants according to the phylum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 91-95.	2.0	4
12	A Comparison Study of Similarity Measures in Rough Sets Clustering. , 2019, , .		0
13	Classification of Romanian medicinal plant extracts according to the therapeutic effects using thin layer chromatography and robust chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 163, 137-143.	1.4	13
14	GROUNDWATER CHARACTERIZATION IN SOUTHWESTERN ROMANIA USING FUZZY HIERARCHICAL CROSS CLUSTERING. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 1967-1976.	0.2	0
15	Holistic evaluation of gamma-irradiation effects on green teas: New linear regression based approach applied to (+/-)ESI/MS and RPLC/UV data and comparison with PCA and CA chemometric methods. <i>Radiation Physics and Chemistry</i> , 2018, 149, 126-133.	1.4	3
16	Characterization of Clinically Relevant Fungi via SERS Fingerprinting Assisted by Novel Chemometric Models. <i>Analytical Chemistry</i> , 2018, 90, 2484-2492.	3.2	43
17	Chemometric Assessment of Chromatographic Methods for Herbal Medicines Authentication and Fingerprinting. <i>Journal of Chromatographic Science</i> , 2018, 56, 49-55.	0.7	14
18	Influence of Mixed Additives on the Physicochemical Properties of a 5.25% Sodium Hypochlorite Solution: An Unsupervised Multivariate Statistical Approach. <i>Journal of Endodontics</i> , 2018, 44, 280-285.e3.	1.4	6

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19	Characterization and classification of medicinal plants according to their antioxidant profile estimated by thin layer chromatography assisted by chemometric expertise. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 342-348.	0.5	7
20	Chemical modeling of groundwater in the Banat Plain, southwestern Romania, with elevated As content and co-occurring species by combining diagrams and unsupervised multivariate statistical approaches. <i>Chemosphere</i> , 2017, 172, 127-137.	4.2	19
21	Discrimination of haloarchaeal genera using Raman spectroscopy and robust methods for multivariate data analysis. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1122-1126.	1.2	12
22	Assessment of Lipophilicity Indices Derived from Retention Behavior of Antioxidant Compounds in RP-HPLC. <i>Molecules</i> , 2017, 22, 550.	1.7	19
23	Evaluation of polyphenolic fingerprints and antioxidant profiles of wild fruits. <i>International Journal of Food Science and Technology</i> , 2016, 51, 1433-1440.	1.3	5
24	Structure-electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 945-956.	1.2	4
25	Chromatographic approach for the evaluation of radical-scavenging activity using a new time-monitoring image analysis method. <i>Journal of Planar Chromatography - Modern TLC</i> , 2016, 29, 299-305.	0.6	2
26	Use of TLC and UV-Visible Spectrometry for Fingerprinting of Dietary Supplements. <i>Chromatographia</i> , 2015, 78, 929-935.	0.7	9
27	Prediction of the fate of Hg and other contaminants in soil around a former chlor-alkali plant using Fuzzy Hierarchical Cross-Clustering approach. <i>Chemosphere</i> , 2015, 138, 96-103.	4.2	13
28	PARABENS LIPOPHILICITY DETERMINATION WITH MOBILE PHASES CONTAINING LOW AND MEDIUM HYDROPHOBIC ALCOHOLS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2287-2301.	0.5	1
29	Lipophilicity of Amine Neurotransmitter Precursors, Metabolites and Related Drugs Estimated on Various TLC Plates. <i>Journal of Chromatographic Science</i> , 2014, 52, 1095-1103.	0.7	9
30	Thin-layer chromatography-an image-processing method for the determination of acidic catecholamine metabolites. <i>Journal of Separation Science</i> , 2014, 37, 2675-2681.	1.3	9
31	RETENTION MODELING OF SOME SACCHARIDES SEPARATED ON AN AMINO COLUMN. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1383-1396.	0.5	2
32	Comprehensive evaluation of antioxidant activity: A chemometric approach using principal component analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 343-348.	2.0	8
33	Fuzzy clustering evaluation of the discrimination power of UV-Vis and (A±) ESI-MS detection system in individual or coupled RPLC for characterization of Ginkgo Biloba standardized extracts. <i>Talanta</i> , 2014, 119, 524-532.	2.9	8
34	An assay for pro-oxidant reactivity based on phenoxyl radicals generated by laccase. <i>Food Chemistry</i> , 2014, 143, 214-222.	4.2	19
35	Lipophilicity indices derived from the liquid chromatographic behavior observed under bimodal retention conditions (reversed phase/hydrophilic interaction): Application to a representative set of pyridinium oximes. <i>Talanta</i> , 2014, 122, 172-179.	2.9	14
36	Fuzzy hierarchical cross-clustering of data from abandoned mine site contaminated with heavy metals. <i>Computers and Geosciences</i> , 2014, 72, 122-133.	2.0	21

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37	SIMULTANEOUS DETERMINATION OF CARBIDOPA AND LEVODOPA USING A NEW TLC METHOD AND A FREE RADICAL AS DETECTION REAGENT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2395-2404.	0.5	8
38	Comprehensive evaluation of biogenic amines and related drugs's antiradical activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical. <i>Open Chemistry</i> , 2013, 11, 679-688.	1.0	14
39	Lipophilicity of oils and fats estimated by <sc>TLC</sc>. <i>Journal of Separation Science</i> , 2013, 36, 1317-1326.	1.3	6
40	High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs. <i>Talanta</i> , 2013, 114, 117-123.	2.9	30
41	Chromatographic lipophilicity determination using large volume injections of the solvents non-miscible with the mobile phase. <i>Journal of Chromatography A</i> , 2012, 1266, 53-60.	1.8	21
42	DETERMINATION OF FOOD SYNTHETIC DYES IN POWDERS FOR JELLY DESSERTS USING SLIT-SCANNING DENSITOMETRY AND IMAGE ANALYSIS METHODS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1429-1443.	0.5	7
43	Comprehensive evaluation of lipophilicity of biogenic amines and related compounds using different chemically bonded phases and various descriptors. <i>Journal of Separation Science</i> , 2012, 35, 915-921.	1.3	24
44	A comparative study concerning the chromatographic behaviour and lipophilicity of certain natural toxins. <i>Journal of Separation Science</i> , 2012, 35, 1059-1067.	1.3	12
45	Classification and fingerprinting of kiwi and pomelo fruits by multivariate analysis of chromatographic and spectroscopic data. <i>Food Chemistry</i> , 2012, 130, 994-1002.	4.2	89
46	Estimation of the lipophilic character of flavonoids from the retention behavior in reversed phase liquid chromatography on different stationary phases: A comparative study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 57, 82-93.	1.4	18
47	SIMULTANEOUS DETERMINATION OF PARABENS IN PHARMACEUTICAL PREPARATIONS USING HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHY AND IMAGE ANALYSIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 805-816.	0.5	15
48	Incurred sample reanalysis: different evaluation approaches on data obtained for spironolactone and its active metabolite canrenone. <i>Bioanalysis</i> , 2011, 3, 1343-1356.	0.6	7
49	A COMPARATIVE STUDY CONCERNING THE IMAGE ANALYSIS IN THIN LAYER CHROMATOGRAPHY OF FLUORESCENT COMPOUNDS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 2315-2325.	0.5	12
50	Ecosystem discrimination and fingerprinting of Romanian propolis by hierarchical fuzzy clustering and image analysis of TLC patterns. <i>Talanta</i> , 2011, 85, 1112-1117.	2.9	48
51	Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors. <i>Journal of Separation Science</i> , 2011, 34, 247-254.	1.3	8
52	Rapid and effective evaluation of the antioxidant capacity of propolis extracts using DPPH bleaching kinetic profiles, FT-IR and UV-vis spectroscopic data. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 516-522.	1.9	92
53	THE LIPOPHILICITY OF SOME HAZARDOUS SUBSTANCES ESTIMATED BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND COMPUTED BY VARIOUS METHODS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 289-306.	0.5	4
54	A Comparative Study of the Performance of Passive Samplers. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 260-268.	0.9	19

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55	A comparative study concerning chromatographic retention and computed partition coefficients of some precursors of peraza crown ethers. <i>Open Chemistry</i> , 2010, 8, 1203-1209.	1.0	3
56	Comparative Evaluation of Vegetable Oilsâ€”Impregnated Layers as Reversedâ€”Phase for Thinâ€”Layer Chromatography. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 1091-1102.	0.8	10
57	Estimation of chromatographic lipophilicity of bile acids and their derivatives by reversedâ€”phase thin layer chromatography. <i>Journal of Separation Science</i> , 2010, 33, 3110-3118.	1.3	19
58	Modeling of chromatographic lipophilicity of food synthetic dyes estimated on different columns. <i>Journal of Separation Science</i> , 2010, 33, 2219-2229.	1.3	10
59	Hydrophobicity/hydrophilicity descriptors obtained from extrapolated chromatographic retention data as modeling tools for biological distribution: Application to some oxime-type acetylcholinesterase reactivators. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 508-516.	1.4	19
60	The lipophilicity of artificial and natural sweeteners estimated by reversed-phase thin-layer chromatography and computed by various methods. <i>Journal of Chromatography A</i> , 2010, 1217, 3702-3706.	1.8	41
61	Thermal desorption/gas chromatography/mass spectrometry approach for characterization of the volatile fraction from amber specimens: A possibility of tracking geological origins. <i>Journal of Chromatography A</i> , 2010, 1217, 1977-1987.	1.8	19
62	High-Performance Thin-Layer Chromatography and Three-Dimensional Image Analysis for the Determination of Rutin in Pharmaceutical Preparations. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 804-810.	0.7	16
63	LIOPHILICITY OF NATURAL SWEETENERS ESTIMATED ON VARIOUS OILS AND FATS IMPREGNATED THIN-LAYER CHROMATOGRAPHY PLATES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 903-921.	0.5	15
64	Modeling of Chromatographic Lipophilicity Indices of Quaternary Ammonium and Nitron Derivatives and Their Thiazolic Salts Using Molecular Descriptors. <i>Analytical Letters</i> , 2010, 43, 1132-1148.	1.0	8
65	Lipophilicity of Flavonoids Estimated by Reversed-Phase High Performance Thin-Layer Chromatography: Chemically Bonded Plates vs. Impregnated Plates with Oils, Animal, and Human Fats. <i>Separation Science and Technology</i> , 2010, 45, 1275-1285.	1.3	11
66	Multivariate analysis of reflectance spectra from propolis: Geographical variation in Romanian samples. <i>Talanta</i> , 2010, 81, 1010-1015.	2.9	35
67	Simultaneous Spectrophotometric Determination of Aspirin, Paracetamol, Caffeine, and Chlorphenamine from Pharmaceutical Formulations Using Multivariate Regression Methods. <i>Analytical Letters</i> , 2010, 43, 804-813.	1.0	38
68	Characterisation and classification of hoarfrost samples collected in Poland (2003â€”2005) by discriminant analysis. <i>Chemistry and Ecology</i> , 2009, 25, 87-97.	0.6	1
69	Redox reactivity in propolis: direct detection of free radicals in basic medium and interaction with hemoglobin. <i>Redox Report</i> , 2009, 14, 267-274.	1.4	34
70	The lipophilicity of parabens estimated on reverse phases chemically bonded and oilâ€”impregnated plates and calculated using different computation methods. <i>Journal of Separation Science</i> , 2009, 32, 2377-2384.	1.3	18
71	The lipophilicity indices of flavonoids estimated by reversedâ€”phase liquid chromatography using different computation methods. <i>Journal of Separation Science</i> , 2009, 32, 2066-2074.	1.3	24
72	Classical and fuzzy principal component analysis of some environmental samples concerning the pollution with heavy metals. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 97, 25-32.	1.8	18

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73	Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods. <i>Journal of Chromatography A</i> , 2009, 1216, 2456-2465.	1.8	48
74	Quantitative Evaluation of Paracetamol and Caffeine from Pharmaceutical Preparations Using Image Analysis and RP-TLC. <i>Chromatographia</i> , 2009, 69, 151-155.	0.7	25
75	Lipophilicity of Some Preservatives Estimated by RP-TLC Using Stationary Phases with Different Polarity. <i>Chromatographia</i> , 2009, 70, 1277-1282.	0.7	11
76	Application of linear discriminant analysis to the study of dew chemistry on the basis of samples collected in Poland (2004-2005). <i>Open Chemistry</i> , 2009, 7, 20-30.	1.0	10
77	Hard tissue samples as markers of occupational exposure in a phosphate fertiliser plant. <i>International Journal of Environment and Health</i> , 2009, 3, 1.	0.3	3
78	A comparative study of the molecular lipophilicity indices of vitamins A and E, and of some precursors of vitamin A, estimated by HPLC and by different computation methods. <i>Acta Chromatographica</i> , 2009, 21, 237-250.	0.7	12
79	Study of traffic-emitted lead pollution of soil and plants using different fuzzy clustering algorithms. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1293-1301.	1.9	13
80	Quantitative determination of some food dyes using digital processing of images obtained by thin-layer chromatography. <i>Journal of Chromatography A</i> , 2008, 1188, 295-300.	1.8	122
81	Rime samples characterization and comparison using classical and fuzzy principal components analysis. <i>Open Chemistry</i> , 2008, 6, 208-215.	1.0	5
82	Modeling and prediction (correction) of partition coefficients of bile acids and their derivatives by multivariate regression methods. <i>Talanta</i> , 2008, 75, 651-657.	2.9	32
83	Determination of critical micellar concentrations of cholic acid and its keto derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 59, 179-183.	2.5	25
84	Fuzzy divisive hierarchical clustering of soil data using Gustafson's Kessel algorithm. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 86, 121-129.	1.8	36
85	Partial least-squares study of the effects of organic modifier and physicochemical properties on the retention of some thiazoles. <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 251-257.	0.6	8
86	Assessment of atmospheric inorganic pollution in the urban region of Gdańsk, Northern Poland. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 270, 35-42.	0.7	9
87	Assessment of the impact of a phosphatic fertilizer plant on the adjacent environment using fuzzy logic. <i>Open Chemistry</i> , 2006, 4, 29-55.	1.0	10
88	An advanced multivariate statistical approach to study coastal sediment data. <i>Open Chemistry</i> , 2006, 4, 68-80.	1.0	8
89	Prediction of the Chromatographic Retention (Lipophilicity) of Some New Methylthiazole Oxadiazoline Derivatives by Multivariate Regression Methods. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 2257-2270.	0.5	10
90	Modeling, by multivariate regression methods, of the chromatographic retention (Lipophilicity) of new oxadiazoline derivatives. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 342-347.	0.6	7

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91	Characterization and Classification of Lanthanides by Multivariate-Analysis Methods. Journal of Chemical Education, 2005, 82, 473.	1.1	11
92	Assessment of Phosphatic Fertilizer Production Impact on Occupational Staff Based on NAA of Hair, Nails, and Inhaled Particles. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 2137-2152.	0.9	10
93	Principal component analysis versus fuzzy principal component analysis A case study: the quality of Danube water (1985-1996). Talanta, 2005, 65, 1215-1220.	2.9	142
94	A comparative study of the lipophilicity of benzimidazole and benzotriazole derivatives by RP-TLC. Journal of Planar Chromatography - Modern TLC, 2005, 18, 432-436.	0.6	14
95	Quantitative structure-retention and retention-activity relationships of some 1,3-oxazolidine systems by RP-HPTLC and PCA. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 213-219.	1.4	39
96	Fuzzy Soft-Computing Methods and Their Applications in Chemistry. Reviews in Computational Chemistry, 2004, , 249-331.	1.5	19
97	Robust Fuzzy Principal Component Analysis (FPCA). A Comparative Study Concerning Interaction of Carbon-Hydrogen Bonds with Molybdenum-Oxo Bonds. ChemInform, 2003, 34, no.	0.1	0
98	Robust Fuzzy Principal Component Analysis (FPCA). A Comparative Study Concerning Interaction of Carbon-Hydrogen Bonds with Molybdenum-Oxo Bonds. Journal of Chemical Information and Computer Sciences, 2002, 42, 1363-1369.	2.8	49
99	Evaluation of lipophilicity of some benzimidazole and benzotriazole derivatives by RP HPTLC and PCA. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 739-745.	1.4	35
100	FUZZY CLASSIFICATION AND COMPARISON OF SOME ROMANIAN AND GERMAN MINERAL WATERS*. Analytical Letters, 2001, 34, 1541-1552.	1.0	8
101	Fuzzy robust estimation of central location. Talanta, 2001, 54, 125-130.	2.9	9
102	Assessment of Heart Disease using Fuzzy Classification Techniques. Scientific World Journal, The, 2001, 1, 369-390.	0.8	4
103	Danube River Water Data Modelling by Multivariate Data Analysis. Mikrochimica Acta, 2001, 137, 243-248.	2.5	32
104	Evaluation of the lipophilicity of bile acids and their derivatives by thin-layer chromatography and principal component analysis. Journal of Chromatography A, 2001, 917, 361-366.	1.8	59
105	Use of Fuzzy Regression for Calibration in Thin-Layer Chromatography/Densitometry. Journal of AOAC INTERNATIONAL, 2000, 83, 1463-1467.	0.7	6
106	EVALUATION OF LIPOPHILICITY OF PIPERAZINE DERIVATIVES BY THIN LAYER CHROMATOGRAPHY AND PRINCIPAL COMPONENT ANALYSIS. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 2143-2154.	0.5	19
107	Structural Analysis of Transition Metal π -X Substituent Interactions. Toward the Use of Soft Computing Methods for Catalyst Modeling. Journal of Chemical Information and Computer Sciences, 2000, 40, 1052-1061.	2.8	27
108	Fuzzy clustering analysis of the first 10 MEIC chemicals. Chemosphere, 2000, 40, 513-520.	4.2	16

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109	CALIBRATION IN QUANTITATIVE TLC BASED ON WEIGHTED REGRESSION FUNCTIONS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 273-280.	0.5	4
110	Use of Weighted Least-Squares Splines for Calibration in Analytical Chemistry. <i>Journal of Chemical Information and Computer Sciences</i> , 2000, 40, 91-98.	2.8	1
111	Lipophilicity of Metallic Complexes of 4-Methoxyphenyl - 4' - Chlorobenzoylhydrazine as Estimated from Principal Component Analysis of thin Layer Chromatographic Retention Data. <i>Analytical Letters</i> , 1999, 32, 2999-3011.	1.0	9
112	Determination of lipophilicity of some non-steroidal anti-inflammatory agents and their relationships by using principal component analysis based on thin-layer chromatographic retention data. <i>Journal of Chromatography A</i> , 1998, 822, 263-269.	1.8	59
113	Validation of Analytical Methods Using a Regression Procedure. <i>Analytical Chemistry</i> , 1998, 70, 1277-1280.	3.2	11
114	The Fuzzy Hierarchical Cross-Clustering Algorithm. Improvements and Comparative Study. <i>Journal of Chemical Information and Computer Sciences</i> , 1997, 37, 510-516.	2.8	14
115	A New Fuzzy Regression Algorithm. <i>Analytical Chemistry</i> , 1996, 68, 771-778.	3.2	35
116	A Fuzzy Classification of the Chemical Elements. <i>Journal of Chemical Information and Computer Sciences</i> , 1996, 36, 465-482.	2.8	23
117	A Fuzzy Cross-Classification of the Chemical Elements, Based on Their Physical, Chemical, and Structural Features. <i>Journal of Chemical Information and Computer Sciences</i> , 1996, 36, 1098-1108.	2.8	14
118	A study of Roman pottery (terra sigillata) using hierarchical fuzzy clustering. <i>Analytica Chimica Acta</i> , 1995, 310, 269-279.	2.6	21
119	Fuzzy hierarchical cross-classification of Greek muds. <i>Journal of Chemical Information and Computer Sciences</i> , 1995, 35, 851-857.	2.8	13
120	A Fuzzy Divisive Hierarchical Clustering Algorithm for the Optimal Choice of Sets of Solvent Systems. <i>Analytical Letters</i> , 1994, 27, 1031-1054.	1.0	21
121	Application of informational analysis of variance in analytical chemistry. <i>Analytica Chimica Acta</i> , 1993, 271, 269-274.	2.6	6
122	Detection of some non-steroidal anti-inflammatory agents on thin-layer chromatographic plates coated with fluorescent mixtures. <i>Journal of Chromatography A</i> , 1986, 367, 286-288.	1.8	12
123	Direct fluorescence detection of non-steroidal anti-inflammatory agents separated by TLC with 9-isothiocyanatoacridine derivatives. <i>Chromatographia</i> , 1986, 21, 599-600.	0.7	8
124	Dünnschichtchromatographische Nachweismethoden für Dicarbonylen. <i>Journal of Chromatography A</i> , 1983, 281, 345-347.	1.8	4