Costel Sarbu

List of Publications by Year
in descending order

124 papers	2,257 citations	257429 24 h-index	302107 39 g-index
126 all docs	126 docs citations	126 times ranked	2109 citing authors

#	Article	IF	Citations
1	Principal component analysis versus fuzzy principal component analysisA case study: the quality of danube water (1985â€"1996). Talanta, 2005, 65, 1215-1220.	5.5	142
2	Quantitative determination of some food dyes using digital processing of images obtained by thin-layer chromatography. Journal of Chromatography A, 2008, 1188, 295-300.	3.7	122
3	Rapid and effective evaluation of the antioxidant capacity of propolis extracts using DPPH bleaching kinetic profiles, FT-IR and UVâ€"vis spectroscopic data. Journal of Food Composition and Analysis, 2011, 24, 516-522.	3.9	92
4	Classification and fingerprinting of kiwi and pomelo fruits by multivariate analysis of chromatographic and spectroscopic data. Food Chemistry, 2012, 130, 994-1002.	8.2	89
5	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. Journal of Chromatography A, 1998, 822, 263-269.	3.7	59
6	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.	3.7	59
7	Robust Fuzzy Principal Component Analysis (FPCA). A Comparative Study Concerning Interaction of Carbonâ€ˆHydrogen Bonds with Molybdenumâ€ˆOxo Bonds. Journal of Chemical Information and Computer Sciences, 2002, 42, 1363-1369.	2.8	49
8	Lipophilicity data for some preservatives estimated by reversed-phase liquid chromatography and different computation methods. Journal of Chromatography A, 2009, 1216, 2456-2465.	3.7	48
9	Ecosystem discrimination and fingerprinting of Romanian propolis by hierarchical fuzzy clustering and image analysis of TLC patterns. Talanta, 2011, 85, 1112-1117.	5.5	48
10	Characterization of Clinically Relevant Fungi via SERS Fingerprinting Assisted by Novel Chemometric Models. Analytical Chemistry, 2018, 90, 2484-2492.	6.5	43
11	The lipophilicity of artificial and natural sweeteners estimated by reversed-phase thin-layer chromatography and computed by various methods. Journal of Chromatography A, 2010, 1217, 3702-3706.	3.7	41
12	Quantitative structureâ€"retention and retentionâ€"activity relationships of some 1,3-oxazolidine systems by RP-HPTLC and PCA. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 213-219.	2.8	39
13	Simultaneous Spectrophotometric Determination of Aspirin, Paracetamol, Caffeine, and Chlorphenamine from Pharmaceutical Formulations Using Multivariate Regression Methods. Analytical Letters, 2010, 43, 804-813.	1.8	38
14	Fuzzy divisive hierarchical clustering of soil data using Gustafsonâ€"Kessel algorithm. Chemometrics and Intelligent Laboratory Systems, 2007, 86, 121-129.	3.5	36
15	A New Fuzzy Regression Algorithm. Analytical Chemistry, 1996, 68, 771-778.	6.5	35
16	Evaluation of lipophilicity of some benzimidazole and benztriazole derivatives by RP HPTLC and PCA. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 739-745.	2.8	35
17	Multivariate analysis of reflectance spectra from propolis: Geographical variation in Romanian samples. Talanta, 2010, 81, 1010-1015.	5.5	35
18	Redox reactivity in propolis: direct detection of free radicals in basic medium and interaction with hemoglobin. Redox Report, 2009, 14, 267-274.	4.5	34

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19	Danube River Water Data Modelling by Multivariate Data Analysis. Mikrochimica Acta, 2001, 137, 243-248.	5.0	32
20	Modeling and prediction (correction) of partition coefficients of bile acids and their derivatives by multivariate regression methods. Talanta, 2008, 75, 651-657.	5.5	32
21	High sensitive and selective HPTLC method assisted by digital image processing for simultaneous determination of catecholamines and related drugs. Talanta, 2013, 114, 117-123.	5.5	30
22	Structural Analysis of Transition Metal Î²-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
23	Determination of critical micellar concentrations of cholic acid and its keto derivatives. Colloids and Surfaces B: Biointerfaces, 2007, 59, 179-183.	5.0	25
24	Quantitative Evaluation of Paracetamol and Caffeine from Pharmaceutical Preparations Using Image Analysis and RP-TLC. Chromatographia, 2009, 69, 151-155.	1.3	25
25	The lipophilicity indices of flavonoids estimated by reversedâ€phase liquid chromatography using different computation methods. Journal of Separation Science, 2009, 32, 2066-2074.	2.5	24
26	Comprehensive evaluation of lipophilicity of biogenic amines and related compounds using different chemically bonded phases and various descriptors. Journal of Separation Science, 2012, 35, 915-921.	2.5	24
27	A Fuzzy Classification of the Chemical ElementsâŠ¥. Journal of Chemical Information and Computer Sciences, 1996, 36, 465-482.	2.8	23
28	A Fuzzy Divisive Hierarchical Clustering Algorithm for the Optimal Choice of Sets of Solvent Systems. Analytical Letters, 1994, 27, 1031-1054.	1.8	21
29	A study of Roman pottery (terra sigillata) using hierarchical fuzzy clustering. Analytica Chimica Acta, 1995, 310, 269-279.	5.4	21
30	Chromatographic lipophilicity determination using large volume injections of the solvents non-miscible with the mobile phase. Journal of Chromatography A, 2012, 1266, 53-60.	3.7	21
31	Fuzzy hierarchical cross-clustering of data from abandoned mine site contaminated with heavy metals. Computers and Geosciences, 2014, 72, 122-133.	4.2	21
32	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.	1.0	19
33	Fuzzy Soft-Computing Methods and Their Applications in Chemistry. Reviews in Computational Chemistry, 2004, , 249-331.	1.5	19
34	Estimation of chromatographic lipophilicity of bile acids and their derivatives by reversedâ€phase thin layer chromatography. Journal of Separation Science, 2010, 33, 3110-3118.	2.5	19
35	Hydrophobicity/hydrophilicity descriptors obtained from extrapolated chromatographic retention data as modeling tools for biological distribution: Application to some oxime-type acetylcholinesterase reactivators. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 508-516.	2.8	19
36	Thermal desorption/gas chromatography/mass spectrometry approach for characterization of the volatile fraction from amber specimens: A possibility of tracking geological origins. Journal of Chromatography A, 2010, 1217, 1977-1987.	3.7	19

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37	A Comparative Study of the Performance of Passive Samplers. Journal of the Air and Waste Management Association, 2011, 61, 260-268.	1.9	19
38	An assay for pro-oxidant reactivity based on phenoxyl radicals generated by laccase. Food Chemistry, 2014, 143, 214-222.	8.2	19
39	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. Chemosphere, 2017, 172, 127-137.	8.2	19
40	Assessment of Lipophilicity Indices Derived from Retention Behavior of Antioxidant Compounds in RP-HPLC. Molecules, 2017, 22, 550.	3.8	19
41	The lipophilicity of parabens estimated on reverse phases chemically bonded and oil-impregnated plates and calculated using different computation methods. Journal of Separation Science, 2009, 32, 2377-2384.	2.5	18
42	Classical and fuzzy principal component analysis of some environmental samples concerning the pollution with heavy metals. Chemometrics and Intelligent Laboratory Systems, 2009, 97, 25-32.	3.5	18
43	Estimation of the lipophilic character of flavonoids from the retention behavior in reversed phase liquid chromatography on different stationary phases: A comparative study. Journal of Pharmaceutical and Biomedical Analysis, 2012, 57, 82-93.	2.8	18
44	Fuzzy clustering analysis of the first 10 MEIC chemicals. Chemosphere, 2000, 40, 513-520.	8.2	16
45	High-Performance Thin-Layer Chromatography and Three-Dimensional Image Analysis for the Determination of Rutin in Pharmaceutical Preparations. Journal of AOAC INTERNATIONAL, 2010, 93, 804-810.	1.5	16
46	Comprehensive evaluation of radical scavenging, reducing power and chelating capacity of free proteinogenic amino acids using spectroscopic assays and multivariate exploratory techniques. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 233, 118158.	3.9	16
47	LIPOPHILICITY OF NATURAL SWEETENERS ESTIMATED ON VARIOUS OILS AND FATS IMPREGNATED THIN-LAYER CHROMATOGRAPHY PLATES. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 903-921.	1.0	15
48	SIMULTANEOUS DETERMINATION OF PARABENS IN PHARMACEUTICAL PREPARATIONS USING HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHY AND IMAGE ANALYSIS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 805-816.	1.0	15
49	A Fuzzy Cross-Classification of the Chemical Elements, Based on Their Physical, Chemical, and Structural Features. Journal of Chemical Information and Computer Sciences, 1996, 36, 1098-1108.	2.8	14
50	The Fuzzy Hierarchical Cross-Clustering Algorithm. Improvements and Comparative Study. Journal of Chemical Information and Computer Sciences, 1997, 37, 510-516.	2.8	14
51	Comprehensive evaluation of biogenic amines and related drugs' antiradical activity using reactive 2,2-diphenyl-1-picrylhydrazyl (DPPH) radical. Open Chemistry, 2013, 11, 679-688.	1.9	14
52	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. Talanta, 2014, 122, 172-179.	5.5	14
53	Chemometric Assessment of Chromatographic Methods for Herbal Medicines Authentication and Fingerprinting. Journal of Chromatographic Science, 2018, 56, 49-55.	1.4	14
54	A comparative study of the lipophilicity of benzimidazole and benztriazole derivatives by RPTLC. Journal of Planar Chromatography - Modern TLC, 2005, 18, 432-436.	1.2	14

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55	Fuzzy hierarchical cross-classification of Greek muds. Journal of Chemical Information and Computer Sciences, 1995, 35, 851-857.	2.8	13
56	Study of traffic-emitted lead pollution of soil and plants using different fuzzy clustering algorithms. Analytical and Bioanalytical Chemistry, 2008, 390, 1293-1301.	3.7	13
57	Prediction of the fate of Hg and other contaminants in soil around a former chlor-alkali plant using Fuzzy Hierarchical Cross-Clustering approach. Chemosphere, 2015, 138, 96-103.	8.2	13
58	Classification of Romanian medicinal plant extracts according to the therapeutic effects using thin layer chromatography and robust chemometrics. Journal of Pharmaceutical and Biomedical Analysis, 2019, 163, 137-143.	2.8	13
59	Fuzzy characterization and classification of bacteria species detected at single-cell level by surface-enhanced Raman scattering. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119149.	3.9	13
60	Detection of some non-steroidal anti-inflammatory agents on thin-layer chromatographic plates coated with fluorescent mixtures. Journal of Chromatography A, 1986, 367, 286-288.	3.7	12
61	A COMPARATIVE STUDY CONCERNING THE IMAGE ANALYSIS IN THIN LAYER CHROMATOGRAPHY OF FLUORESCENT COMPOUNDS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 2315-2325.	1.0	12
62	A comparative study concerning the chromatographic behaviour and lipophilicity of certain natural toxins. Journal of Separation Science, 2012, 35, 1059-1067.	2.5	12
63	Discrimination of haloarchaeal genera using Raman spectroscopy and robust methods for multivariate data analysis. Journal of Raman Spectroscopy, 2017, 48, 1122-1126.	2.5	12
64	A comprehensive classification of edible oils according to their radical scavenging spectral profile evaluated by advanced chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 213, 204-209.	3.9	12
65	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. Acta Chromatographica, 2009, 21, 237-250.	1.3	12
66	Validation of Analytical Methods Using a Regression Procedure. Analytical Chemistry, 1998, 70, 1277-1280.	6.5	11
67	Characterization and Classification of Lanthanides by Multivariate-Analysis Methods. Journal of Chemical Education, 2005, 82, 473.	2.3	11
68	Lipophilicity of Some Preservatives Estimated by RP-TLC Using Stationary Phases with Different Polarity. Chromatographia, 2009, 70, 1277-1282.	1.3	11
69	Lipophilicity of Flavonoids Estimated by Reversed-Phase High Performance Thin-Layer Chromatography: Chemically Bonded Plates vs. Impregnated Plates with Oils, Animal, and Human Fats. Separation Science and Technology, 2010, 45, 1275-1285.	2.5	11
70	Assessment of Phosphatic Fertilizer Production Impact on Occupational Staff Based on NAA of Hair, Nails, and Inhald Particles. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 2137-2152.	1.7	10
71	Assessment of the impact of a phosphatic fertilizer plant on the adjacent environment using fuzzy logic. Open Chemistry, 2006, 4, 29-55.	1.9	10
72	Prediction of the Chromatographic Retention (Lipophilicity) of Some New Methyl–Thiazole–Oxadiazoline Derivatives by Multivariate Regression Methods. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 2257-2270.	1.0	10

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73	Application of linear discriminant analysis to the study of dew chemistry on the basis of samples collected in Poland (2004â€"2005). Open Chemistry, 2009, 7, 20-30.	1.9	10
74	Comparative Evaluation of Vegetable Oilsâ€‐Impregnated Layers as Reversedâ€‐Phases for Thinâ€‐Layer Chromatography. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 1091-1102.	1.9	10
75	Modeling of chromatographic lipophilicity of food synthetic dyes estimated on different columns. Journal of Separation Science, 2010, 33, 2219-2229.	2.5	10
76	Characterization and classification of wines according to geographical origin, vintage and specific variety based on elemental content: a new chemometric approach. Journal of Food Science and Technology, 2019, 56, 5225-5233.	2.8	10
77	Lipophilicity of Metallic Complexes of 4-Methoxyphenyl - 4' - Chlorobenzoylhydrazine as Estimated from Principal Component Analysis of thin Layer Chromatographic Retention Data. Analytical Letters, 1999, 32, 2999-3011.	1.8	9
78	Fuzzy robust estimation of central location. Talanta, 2001, 54, 125-130.	5.5	9
79	Assessment of atmospheric inorganic pollution in the urban region of GdaÅ„sk, Northern Poland. Journal of Radioanalytical and Nuclear Chemistry, 2006, 270, 35-42.	1.5	9
80	Lipophilicity of Amine Neurotransmitter Precursors, Metabolites and Related Drugs Estimated on Various TLC Plates. Journal of Chromatographic Science, 2014, 52, 1095-1103.	1.4	9
81	Thin-layer chromatography-an image-processing method for the determination of acidic catecholamine metabolites. Journal of Separation Science, 2014, 37, 2675-2681.	2.5	9
82	Use of TLC and UVâ€"Visible Spectrometry for Fingerprinting of Dietary Supplements. Chromatographia, 2015, 78, 929-935.	1.3	9
83	Direct fluorescence detection of non-steroidal anti-inflammatory agents separated by TLC with 9-isothiocyanatoacridine derivatives. Chromatographia, 1986, 21, 599-600.	1.3	8
84	FUZZY CLASSIFICATION AND COMPARISON OF SOME ROMANIAN AND GERMAN MINERAL WATERS*. Analytical Letters, 2001, 34, 1541-1552.	1.8	8
85	An advanced multivariate statistical approach to study coastal sediment data. Open Chemistry, 2006, 4, 68-80.	1.9	8
86	Modeling of Chromatographic Lipophilicity Indices of Quaternary Ammonium and Nitrone Derivatives and Their Thiazolic Salts Using Molecular Descriptors. Analytical Letters, 2010, 43, 1132-1148.	1.8	8
87	Prediction of pesticides chromatographic lipophilicity from the computational molecular descriptors. Journal of Separation Science, 2011, 34, 247-254.	2.5	8
88	SIMULTANEOUS DETERMINATION OF CARBIDOPA AND LEVODOPA USING A NEW TLC METHOD AND A FREE RADICAL AS DETECTION REAGENT. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2395-2404.	1.0	8
89	Comprehensive evaluation of antioxidant activity: A chemometric approach using principal component analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 343-348.	3.9	8
90	Fuzzy clustering evaluation of the discrimination power of UVâ€"Vis and (Â±) ESI-MS detection system in individual or coupled RPLC for characterization of Ginkgo Biloba standardized extracts. Talanta, 2014, 119, 524-532.	5.5	8

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91	Multivariate color scale image analysis â€" Thin layer chromatography for comprehensive evaluation of complex samples fingerprint. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1170, 122590.	2.3	8
92	Partial least-squares study of the effects of organic modifier and physicochemical properties on the retention of some thiazoles. Journal of Planar Chromatography - Modern TLC, 2007, 20, 251-257.	1.2	8
93	Incurred sample reanalysis: different evaluation approaches on data obtained for spironolactone and its active metabolite canrenone. Bioanalysis, 2011, 3, 1343-1356.	1.5	7
94	DETERMINATION OF FOOD SYNTHETIC DYES IN POWDERS FOR JELLY DESSERTS USING SLIT-SCANNING DENSITOMETRY AND IMAGE ANALYSIS METHODS. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1429-1443.	1.0	7
95	Characterization and classification of medicinal plants according to their antioxidant profile estimated by thin layer chromatography assisted by chemometric expertise. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 342-348.	1.0	7
96	Modeling, by multivariate regression methods, of the chromatographic retention (Lipophilicity) of new oxadiazoline derivatives. Journal of Planar Chromatography - Modern TLC, 2006, 19, 342-347.	1.2	7
97	Application of informational analysis of variance in analytical chemistry. Analytica Chimica Acta, 1993, 271, 269-274.	5.4	6
98	Use of Fuzzy Regression for Calibration in Thin-Layer Chromatography/Densitometry. Journal of AOAC INTERNATIONAL, 2000, 83, 1463-1467.	1.5	6
99	Lipophilicity of oils and fats estimated by <scp>TLC</scp>. Journal of Separation Science, 2013, 36, 1317-1326.	2.5	6
100	Influence of Mixed Additives on the Physicochemical Properties of a 5.25% Sodium Hypochlorite Solution: An Unsupervised Multivariate Statistical Approach. Journal of Endodontics, 2018, 44, 280-285.e3.	3.1	6
101	Rime samples characterization and comparison using classical and fuzzy principal components analysis. Open Chemistry, 2008, 6, 208-215.	1.9	5
102	Evaluation of polyphenolic fingerprints and antioxidant profiles of wild fruits. International Journal of Food Science and Technology, 2016, 51, 1433-1440.	2.7	5
103	Fuzzy Divisive Hierarchical Associative-Clustering Applied to Different Varieties of White Wines According to Their Multi-Elemental Profiles. Molecules, 2020, 25, 4955.	3.8	5
104	DÃ¼nnschichtchromatographische Nachweismethoden fÃ¼r DicarbonsÃ¤uren. Journal of Chromatography A, 1983, 281, 345-347.	3.7	4
105	CALIBRATION IN QUANTITATIVE TLC BASED ON WEIGHTED REGRESSION FUNCTIONS. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 273-280.	1.0	4
106	Assessment of Heart Disease using Fuzzy Classification Techniques. Scientific World Journal, The, 2001, 1, 369-390.	2.1	4
107	THE LIPOPHILICITY OF SOME HAZARDOUS SUBSTANCES ESTIMATED BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND COMPUTED BY VARIOUS METHODS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 289-306.	1.0	4
108	Structureâ€"electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques. Journal of the Iranian Chemical Society, 2016, 13, 945-956.	2.2	4

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109	The impact of the order of derivative spectra on the performance of pattern recognition methods. Classification of medicinal plants according to the phylum. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 91-95.	3.9	4
110	Hard tissue samples as markers of occupational exposure in a phosphate fertiliser plant. International Journal of Environment and Health, 2009, 3, 1.	0.3	3
111	A comparative study concerning chromatographic retention and computed partition coefficients of some precursors of peraza crown ethers. Open Chemistry, 2010, 8, 1203-1209.	1.9	3
112	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. Radiation Physics and Chemistry, 2018, 149, 126-133.	2.8	3
113	Fuzzy characterization and classification of solvents according to their polarity and selectivity. A comparison with the Snyder approach. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 336-343.	1.0	3
114	RETENTION MODELING OF SOME SACCHARIDES SEPARATED ON AN AMINO COLUMN. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1383-1396.	1.0	2
115	Fuzzy Divisive Hierarchical Clustering of Solvents According to Their Experimentally and Theoretically Predicted Descriptors. Symmetry, 2020, 12, 1763.	2.2	2
116	Chromatographic approach for the evaluation of radical-scavenging activity using a new time-monitoring image analysis method. Journal of Planar Chromatography - Modern TLC, 2016, 29, 299-305.	1.2	2
117	Use of Weighted Least-Squares Splines for Calibration in Analytical Chemistry. Journal of Chemical Information and Computer Sciences, 2000, 40, 91-98.	2.8	1
118	Characterisation and classification of hoarfrost samples collected in Poland (2003â€"2005) by discriminant analysis. Chemistry and Ecology, 2009, 25, 87-97.	1.6	1
119	PARABENS LIPOPHILICITY DETERMINATION WITH MOBILE PHASES CONTAINING LOW AND MEDIUM HYDROPHOBIC ALCOHOLS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2287-2301.	1.0	1
120	Finding specific peaks (markers) using fuzzy divisive hierarchical associative-clustering based on the chromatographic profiles of medicinal plant extracts obtained at various detection wavelengths. Analytical Methods, 2020, 12, 3260-3267.	2.7	1
121	Robust Fuzzy Principal Component Analysis (FPCA). A Comparative Study Concerning Interaction of Carbonâ€"Hydrogen Bonds with Molybdenumâ€"Oxo Bonds.. ChemInform, 2003, 34, no.	0.0	0
122	A Comparison Study of Similarity Measures in Rough Sets Clustering. , 2019, , .		0
123	Evaluation of Mushrooms Based on FT-IR Fingerprint and Chemometrics. Applied Sciences (Switzerland), 2021, 11, 9577.	2.5	0
124	GROUNDWATER CHARACTERIZATION IN SOUTHWESTERN ROMANIA USING FUZZY HIERARCHICAL CROSS CLUSTERING. Environmental Engineering and Management Journal, 2019, 18, 1967-1976.	0.6	0