VÄ›ra PacÃ¡kovÃ¡

List of Publications by Year
in descending order

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		201674	243625
111	2,439	27	44
papers	citations	h-index	g-index

111	111	111	1981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Critical evaluation of microextraction pretreatment techniquesâ€”Part 2: Membraneâ€supported and homogenous phase based techniques. Journal of Separation Science, 2019, 42, 303-318.	2.5	7
2	Critical evaluation of microextraction pretreatment techniques â€“ Part 1: Single drop and sorbentâ€based techniques. Journal of Separation Science, 2019, 42, 273-284.	2.5	18
3	Analysis of estrogens and estrogen mimics in edible matricesâ€”A review. Journal of Separation Science, 2014, 37, 885-905.	2.5	22
4	Analysis for estrogens as environmental pollutants â€“ A review. Journal of Separation Science, 2009, 32, 867-882.	2.5	70
5	Gas chromatography/mass spectrometry of oils and oil binders in paintings. Journal of Separation Science, 2008, 31, 1067-1073.	2.5	19
6	An evaluation of the experimental approaches to detection of small ions in CE. Electrophoresis, 2007, 28, 3379-3389.	2.4	12
7	Characterization of substituted polyacetylene microstructure by pyrolysis gas chromatography. Journal of Separation Science, 2007, 30, 731-739.	2.5	10
8	Porous polyacrylamide monoliths in hydrophilic interaction capillary electrochromatography of oligosaccharides. Journal of Proteomics, 2007, 70, 3-13.	2.4	24
9	Monolithic organic polymeric columns for capillary liquid chromatography and electrochromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 841, 79-87.	2.3	70
10	Affinity liquid chromatography and capillary electrophoresis of seminal plasma proteins. Journal of Separation Science, 2006, 29, 1110-1115.	2.5	17
11	An evaluation of GC-MS and HPLC-FD methods for analysis of protein binders in paintings. Journal of Separation Science, 2006, 29, 2653-2663.	2.5	35
12	Separation Media in Affinity Chromatography of Proteins - A Critical Review. Current Proteomics, 2006, 3, 55-79.	0.3	8
13	Reliability of Carotenoid Analyses: A Review. Current Analytical Chemistry, 2005, 1, 93-102.	1.2	113
14	Preparation and testing of stationary phases and modified capillaries for affinity chromatography and affinity capillary electrophoresis of pepsin. Journal of Chromatography A, 2005, 1084, 207-213.	3.7	3
15	The Influence of Heat Pre-Treatment on the Sorption of Water Vapour on Bentonite. Adsorption, 2005, 11, 57-63.	3.0	4
16	Topographical properties of polymer films deposited in capillaries for electrophoretic separations of large organic molecules. Journal of Separation Science, 2004, 27, 1121-1129.	2.5	8
17	Dechlorination ability of municipal waste incineration fly ash for polychlorinated phenols. Chemosphere, 2004, 56, 935-942.	8.2	6
18	Dehalogenation potential of municipal waste incineration fly ash. Environmental Science and Pollution Research, 2003, 10, 39-43.	5.3	6

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19	The importance of capillary electrophoresis, capillary electrochromatography, and ion chromatography in separations of inorganic ions. Electrophoresis, 2003, 24, 1883-1891.	2.4	27
20	Some potentialities and drawbacks of contemporary size-exclusion chromatography. Journal of Proteomics, 2003, 56, 1-13.	2.4	86
21	Modification of capillary electrophoresis capillaries by poly(hydroxyethyl methacrylate), poly(diethylene glycol monomethacrylate) and poly(triethylene glycol monomethacrylate). Electrophoresis, 2002, 23, 528-535.	2.4	11
22	Proteomics of allergens. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 771, 343-353.	2.3	13
23	The effects of controlled aging and blending of low- and high-density polyethylenes, polypropylene and polystyrene on their thermal degradation studied by pyrolysis gas chromatography. Journal of Analytical and Applied Pyrolysis, 2001, 57, 177-185.	5.5	25
24	Effects of electrolyte modification and capillary coating on separation of glycoprotein isoforms by capillary electrophoresis. Electrophoresis, 2001, 22, 459-463.	2.4	27
25	Optimization of a GC-MS/MS Method for the Analysis of PCDDs and PCDFs in Human and Fish Tissue. Journal of High Resolution Chromatography, 2000, 23, 595-599.	1.4	23
26	Dechlorination of polychlorinated biphenyls, dibenzo-p-dioxins and dibenzofurans on fly ash. Chemosphere, 2000, 41, 1881-1887.	8.2	38
27	A study of the distribution of lead, cadmium and copper between water and kaolin, bentonite and a river sediment. Journal of Environmental Monitoring, 2000, 2, 187-191.	2.1	10
28	Capillary electrophoresis of inorganic cations. Journal of Chromatography A, 1999, 834, 257-275.	3.7	87
29	Comparison of enantioselective separation of N-tert.-butyloxycarbonyl amino acids and their non-blocked analogues on teicoplanin-based chiral stationary phase. Journal of Chromatography A, 1999, 838, 121-129.	3.7	46
30	High-performance liquid chromatographic determination of some anthraquinone and naphthoquinone dyes occurring in historical textiles. Journal of Chromatography A, 1999, 863, 235-241.	3.7	112
31	A simple method for the trace determination of methanol, ethanol, acetone and pentane in human breath and in the ambient air by preconcentration on solid sorbents followed by gas chromatography. Talanta, 1997, 44, 1683-1690.	5.5	62
32	Use of capillary electrophoresis and high-performance liquid chromatography for monitoring of glycosylation of the peptides dalargin and desmopressin. Journal of Chromatography A, 1997, 761, 285-296.	3.7	14
33	GC determination of volatile components in human exhalation and in ambient atmosphere, after preconcentration on solid sorbents. Chromatographia, 1997, 44, 601-604.	1.3	18
34	High-performance separations in isolation and characterization of allergens. Biomedical Applications, 1997, 699, 403-418.	1.7	13
35	Capillary electrophoresis of cytokinins and cytokinin ribosides. Journal of Chromatography A, 1997, 764, 331-335.	3.7	19
36	Capillary electrophoresis of inorganic anions and its comparison with ion chromatography. Journal of Chromatography A, 1997, 789, 169-180.	3.7	51

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37	Stationary phases for peptide analysis by high performance liquid chromatography: a review. Analytica Chimica Acta, 1997, 352, 1-19.	5.4	36
38	Size-exclusion liquid chromatography and capillary electrophoresis of pollen allergens. Biomedical Applications, 1996, 681, 47-53.	1.7	8
39	Quantitative structure-chromatographic retention relationship study of six underivatized equine estrogens. Biomedical Applications, 1996, 681, 115-123.	1.7	12
40	Separation of biologically active peptides by capillary electrophoresis and high-performance liquid chromatography. Biomedical Applications, 1996, 681, 69-76.	1.7	22
41	High-performance separations in the determination of triazine herbicides and their residues. Journal of Chromatography A, 1996, 754, 17-31.	3.7	99
42	Comparison of high-performance liquid chromatography and capillary electrophoresis for the determination of some bee venom components. Journal of Chromatography A, 1995, 700, 187-193.	3.7	40
43	High-performance liquid chromatographic determination of equine estrogens with ultraviolet absorbance and electrochemical detection. Journal of Chromatography A, 1994, 678, 359-363.	3.7	8
44	A study of HPLC separation and spectrophotometric, polarographic and voltammetric detection of 4-substituted derivatives of N-nitroso-N-methylaniline. Fresenius' Journal of Analytical Chemistry, 1994, 350, 678-683.	1.5	2
45	High-performance liquid chromatographic determination of creatinine in serum, and a correlation of the results with those of the JaffÃ© and enzymic methods. Biomedical Applications, 1993, 614, 221-226.	1.7	25
46	An ion-exchange separation of metal cations on a C-18 column coated with dodecylsulphate. Talanta, 1992, 39, 29-34.	5.5	24
47	Hydroxyethylmethacrylate column reactors with immobilized glucose oxidase or alcohol oxidase. Liquid chromatographic determination of ethanol in serum. Analytica Chimica Acta, 1992, 257, 73-78.	5.4	6
48	A solid polymer electrolyte amperometric detector for FIA and HPLC with mobile phases of low conductivity. Electroanalysis, 1992, 4, 447-451.	2.9	12
49	An ion-exchange separation of Cu2+, Cd2+, Pb2+ and Tl+ on silica gel with polarographic detection. Talanta, 1991, 38, 1445-1452.	5.5	11
50	Determination of narciclasine in serum by reversed-phase high-performance liquid chromatography: comparison of amperometric, ultraviolet photometric and fluorescence detection. Biomedical Applications, 1991, 563, 95-102.	1.7	3
51	Gas chromatography-mass spectrometry and high-performance liquid chromatographic analyses of thermal degradation products of common plastics. Journal of Chromatography A, 1991, 555, 229-237.	3.7	30
52	High-performance liquid chromatography of amino acids and depeptides on new ion exchangers of the HEMA series. Journal of Chromatography A, 1991, 552, 439-448.	3.7	3
53	High-performance liquid chromatographic determination of cholesteryl esters in the blood of obese children. Biomedical Applications, 1991, 571, 19-28.	1.7	2
54	A split-disk, dual-electrode amperometric cell and its application to the detection of biogenic amines with galvanostatic activation of the glassy carbon working electrodes. Electroanalysis, 1990, 2, 443-448.	2.9	3

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55	Ion-exchange high-performance liquid chromatographic separation of peptides with UV photometric and electrochemical detection. Journal of Chromatography A, 1990, 509, 245-253.	3.7	8
56	Ion-exchange separation of inorganic anions on a HEMA 1000 Q-L column. Journal of Chromatography A, 1990, 520, 349-359.	3.7	6
57	Ion-exchange high-performance liquid chromatographic analysis of the products of the enzymatic degradation of oxytocin. Journal of Chromatography A, 1990, 519, 244-249.	3.7	6
58	Pretreatment of glassy carbon electrodes by anodic galvanostatic pulses with a large amplitude. Electroanalysis, 1989, 1, 405-412.	2.9	23
59	High-performance liquid chromatographic determination of some polar phospholipids in serum. Biomedical Applications, 1989, 495, 61-70.	1.7	6
60	A comparison of pyrolytical and oxidative degradation of poly(methyl methacrylate) and methyl methacrylate-styrene copolymer using the capillary GC and GC-MS methods. Collection of Czechoslovak Chemical Communications, 1989, 54, 934-939.	1.0	3
61	High-performance liquid chromatography of s-triazines and their degradation products using ultraviolet photometric and amperometric detection. Journal of Chromatography A, 1988, 442, 147-156.	3.7	83
62	Analysis of dipeptides by reversed-phase high-performance liquid chromatography without derivatization using amperometric detection on a copper electrode. Journal of Chromatography A, 1988, 436, 334-337.	3.7	21
63	Determination of ethylenethiourea in beverages without sample pretreatment using high-performance liquid chromatography and amperometric detection on a copper electrode. Journal of Chromatography A, 1988, 457, 398-402.	3.7	9
64	Application of amperometric detection to the high-performance liquid chromatographic determination of antipyrine and 4-aminoantipyrine in urine. Journal of Chromatography A, 1988, 455, 420-424.	3.7	1
65	Ion-pair high-performance liquid chromatography of inorganic anions with photometric, conductometric and amperometric detection. Journal of Chromatography A, 1988, 439, 363-373.	3.7	17
66	Reaction gas chromatography: Study of the photodecomposition of halogenated hydrocarbons. Chromatographia, 1988, 25, 621-626.	1.3	2
67	Amperometric flow detection with a copper working electrodeâ€"response mechanism and application to various compounds. Talanta, 1988, 35, 455-460.	5.5	51
68	Application of a metallized membrane electrode for the determination of gaseous sulphur compounds after reductive pyrolysis. Talanta, 1987, 34, 453-459.	5.5	4
69	High-performance liquid chromatography of azobenzene derivatives with spectrophotometric and electrochemical detection. Journal of Chromatography A, 1987, 389, 397-407.	3.7	7
70	High-performance liquid chromatography of biphenols and bis (hydroxyphenyl) propanes (dianes) with voltammetric and UV photometric detection. Chromatographia, 1987, 23, 102-108.	1.3	4
71	Operation parameters of voltammetric high-performance liquid chromatographic detectors with copper electrodes and application to a determination of some fodder biofactors. Journal of Chromatography A, 1986, 367, 311-321.	3.7	34
72	High-performance liquid chromatography of thiobenzamide derivatives with ultraviolet photometric and electrochemical detection. Journal of Chromatography A, 1986, 361, 347-354.	3.7	4

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73	High-performance liquid chromatography of tryptophan and its irradiation products using UV photometric and voltammetric detection. Journal of Chromatography A, 1986, 354, 449-453.	3.7	2
74	High-performance liquid chromatographic determination of hallucinogenic indoleamines with simultaneous UV photometric and voltammetric detection. Journal of Chromatography A, 1985, 320, 414-420.	3.7	35
75	Relationships between the chromatographic behaviour and structure of some substituted dibenzo[b,f]thiepins and their analogues. Journal of Chromatography A, 1985, 329, 113-118.	3.7	7
76	Reaction gas chromatography: Study of the photodecomposition of selected substances. Chromatographia, 1985, 20, 164-172.	1.3	4
77	A Study of Oxidative Degradation of Plastics by GC and GC-MS. Analytical Letters, 1985, 18, 1759-1775.	1.8	12
78	Monitoring of aromatic amines by hplc with electrochemical detection. Talanta, 1985, 32, 279-283.	5.5	10
79	The effect of s-triazine-type pesticides and chlorinated hydrocarbons on lactate dehydrogenase. Environmental Research, 1985, 36, 26-31.	7.5	2
80	Carbon fibre electrochemical detector for high-performance liquid chromatography. Journal of Chromatography A, 1984, 298, 225-230.	3.7	33
81	Determination of some tricyclic neuroleptics by reversed-phase high-performance liquid chromatography with ultraviolet and polarographic detection. Journal of Chromatography A, 1984, 298, 309-318.	3.7	8
82	Use of the clark oxygen sensor with immobilized enzymes for determinations in flow systems. Analytica Chimica Acta, 1984, 159, 71-79.	5.4	18
83	Electrochemical Detection in Hight-Performance Liquid Chromatography. CRC Critical Reviews in Analytical Chemistry, 1984, 14, 297-351.	1.8	4
84	Electrochemical Detection in High-Performance Liquid Chromatography. Critical Reviews in Analytical Chemistry, 1984, 14, 297-351.	3.5	54
85	Effect of various measuring techniques on the response of a polarographic high-performance liquid chromatographic detector. Journal of Chromatography A, 1983, 262, 85-94.	3.7	16
86	Gas and high-performance liquid chromatography of phenols. Chromatographia, 1983, 17, 269-284.	1.3	68
87	High-performance liquid chromatography of biologically important pyrimidine derivatives with ultravioletâ€"voltammetricâ€"polarographic detection. Biomedical Applications, 1983, 273, 77-86.	1.7	16
88	Gas chromatography as a tool for the study of the products of photosensitized phenol decomposition. Journal of Chromatography A, 1982, 241, 19-28.	3.7	3
89	The pyrolysis capillary gas chromatography of some polymeric materials. Collection of Czechoslovak Chemical Communications, 1982, 47, 509-517.	1.0	6
90	Carbon pastes for voltammetric detectors in high-performance liquid chromatography. Journal of Chromatography A, 1981, 213, 41-46.	3.7	39

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91	Gas chromatographic behaviour of mono- and dihydroxybiphenyls on various silicone phases. Journal of Chromatography A, 1981, 211, 150-154.	3.7	5
92	Comparison of several voltammetric detectors for high-performance liquid chromatography. Journal of Chromatography A, 1981, 208, 269-278.	3.7	34
93	Gas chromatographic behaviour of dibenzo[b,f]thiepines. Journal of Chromatography A, 1981, 207, 403-406.	3.7	2
94	Reaction gas chromatography: Hydrogenation cracking of hydrocarbons. Chromatographia, 1981, 14, 417-420.	1.3	1
95	Electrochemical detector for high-performance liquid chromatography. Journal of Chromatography A, 1980, 192, 135-141.	3.7	21
96	Separation and behaviour of s-triazine derivatives on a NH2-chemically bonded stationary phase by high-performance liquid chromatography. Journal of Chromatography A, 1980, 191, 115-120.	3.7	22
97	Comparison of the high-performance liquid chromatographic behaviour of s-triazine derivatives on various stationary phases. Journal of Chromatography A, 1980, 187, 341-349.	3.7	21
98	Gas chromatographic behaviour of some carboranes. Journal of Chromatography A, 1979, 174, 224-227.	3.7	3
99	Gas chromatography and mass spectrometry of bis(alkylamino)-s-Triazines. Journal of Chromatography A, 1979, 178, 193-207.	3.7	37
100	Determination of 1,3,5-tiazine herbicides by gas chromatography. Journal of Chromatography A, 1978, 154, 251-255.	3.7	12
101	Gas chromatographic, spectrophotometric and electrochemical behavior of substituted s-triazines. Journal of Chromatography A, 1978, 148, 273-281.	3.7	28
102	Liquid chromatographic separation and behaviour of some substituted s-triazines on a CN-bonded stationary phase. Chromatographia, 1978, 11, 698-702.	1.3	34
103	Capillary reaction gas chromatography. Chromatographia, 1978, 11, 266-273.	1.3	9
104	The use of precise retention data for the determination of molar heats of solution. Collection of Czechoslovak Chemical Communications, 1977, 42, 2850-2857.	1.0	7
105	Gas chromatographic analysis of pharmaceuticals based on pyrimidine and purine substances. Journal of Chromatography A, 1976, 123, 216-219.	3.7	6
106	Gas-liquid chromatographic analysis of trimethylsilyl derivatives of pyrimidine and purine bases and nucleosides. Journal of Chromatography A, 1976, 119, 355-367.	3.7	26
107	Stationary phase distribution in open tubular glass columns. Collection of Czechoslovak Chemical Communications, 1975, 40, 519-525.	1.0	3
108	Gas chromatographic determination of phosphorus in nucleic acids and nucleotides as tris(trimethylsilyl) phosphate. Journal of Chromatography A, 1974, 91, 459-462.	3.7	5

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109	Gas-liquid chromatography of some pyrimidine derivatives. Analytical Biochemistry, 1971, 42, 549-554.	2.4	12
110	The application of precision gas chromatography to the identification of types of hydrocarbons. Journal of Chromatography A, 1970, 51, 13-21.	3.7	44
111	Use of Dehydrogenation in Reaction Gas Chromatography. Journal of Chromatographic Science, 1968, 6, 426-430.	1.4	1