

# Roger M Smith

## List of Publications by Year in descending order

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211  
papers

7,024  
citations

71061

41  
h-index

79644

73  
g-index

386  
all docs

386  
docs citations

386  
times ranked

4407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor inhibitors. LXXIII. Maytansine, a novel antileukemic ansa macrolide from <i>Maytenus ovatus</i> . <i>Journal of the American Chemical Society</i> , 1972, 94, 1354-1356.	6.6	423
2	Before the injection—modern methods of sample preparation for separation techniques. <i>Journal of Chromatography A</i> , 2003, 1000, 3-27.	1.8	421
3	Sample preparation techniques for the determination of trace residues and contaminants in foods. <i>Journal of Chromatography A</i> , 2007, 1153, 36-53.	1.8	311
4	Extractions with superheated water. <i>Journal of Chromatography A</i> , 2002, 975, 31-46.	1.8	251
5	Supercritical fluids in separation science — the dreams, the reality and the future. <i>Journal of Chromatography A</i> , 1999, 856, 83-115.	1.8	227
6	Recent developments in the electrodeposition of nickel and some nickel-based alloys. <i>Journal of Applied Electrochemistry</i> , 2006, 36, 957-972.	1.5	198
7	Alkylarylketones as a retention index scale in liquid chromatography. <i>Journal of Chromatography A</i> , 1982, 236, 313-320.	1.8	154
8	Tumor inhibitors. 122. The maytansinoids. Isolation, structural elucidation, and chemical interrelation of novel ansa macrolides. <i>Journal of Organic Chemistry</i> , 1977, 42, 2349-2357.	1.7	148
9	Determination of sulphur compounds in beer using headspace solid-phase microextraction and gas chromatographic analysis with pulsed flame photometric detection. <i>Journal of Chromatography A</i> , 2000, 872, 203-213.	1.8	144
10	Superheated water as an eluent for reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 785, 49-55.	1.8	135
11	Superheated water: the ultimate green solvent for separation science. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 419-421.	1.9	117
12	Superheated water chromatography — A green technology for the future. <i>Journal of Chromatography A</i> , 2008, 1184, 441-455.	1.8	114
13	Tumor inhibitors. XXXIX. Active principles of <i>Acnistur arborescens</i> . Isolation and structural and spectral studies of withaferin A and withacnistin. <i>Journal of Organic Chemistry</i> , 1969, 34, 3858-3866.	1.7	105
14	Tumor inhibitors. XLV. Crotepoxide, a novel cyclohexane diepoxide tumor inhibitor from <i>Croton macrostachys</i> . <i>Journal of Organic Chemistry</i> , 1969, 34, 3898-3902.	1.7	93
15	Superheated water—a clean eluent for reversed-phase high-performance liquid chromatography. <i>Analytical Communications</i> , 1996, 33, 327-329.	2.2	91
16	Characterization of reversed-phase liquid chromatography columns with retention indexes of standards based on an alkyl aryl ketone scale. <i>Analytical Chemistry</i> , 1984, 56, 256-262.	3.2	74
17	Superheated Heavy Water as the Eluent for HPLC-NMR and HPLC-NMR-MS of Model Drugs. <i>Analytical Chemistry</i> , 1999, 71, 4493-4497.	3.2	73
18	Production of asiaticoside and madecassoside in <i>Centella asiatica</i> in vitro and in vivo. <i>Biologia Plantarum</i> , 2007, 51, 34-42.	1.9	69

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19	Comparison of ODS-modified silica gels as stationary phases for electrochromatography in packed capillaries. <i>Journal of Chromatography A</i> , 1997, 758, 191-197.	1.8	67
20	Supercritical fluid extraction and gas chromatographic determination of the sesquiterpene lactone parthenolide in the medicinal herb feverfew ( <i>Tanacetum parthenium</i> ). <i>Journal of Chromatography A</i> , 1992, 627, 255-261.	1.8	63
21	Micro-thermal analysis of polymers: current capabilities and future prospects. <i>Macromolecular Symposia</i> , 2001, 167, 45-62.	0.4	58
22	The essential oil of ginger from Fiji. <i>Phytochemistry</i> , 1981, 20, 203-206.	1.4	56
23	Influence of pH on the electrolytic deposition of Ni-Co films. <i>Thin Solid Films</i> , 2008, 516, 3045-3050.	0.8	56
24	Determination of lead, mercury and cadmium by liquid chromatography using on-column derivatisation with dithiocarbamates. <i>Analyst</i> , The, 1985, 110, 35.	1.7	55
25	Maytoline, a nicotinoyl sesquiterpene alkaloid prototype from <i>Maytenus ovatus</i> . <i>Journal of the American Chemical Society</i> , 1970, 92, 6667-6668.	6.6	54
26	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1989, 475, 57-74.	1.8	53
27	An investigation of medication adherence to 5-aminosalicylic acid therapy in patients with ulcerative colitis, using self-report and urinary drug excretion measurements. <i>Alimentary Pharmacology and Therapeutics</i> , 2009, 30, 1118-1127.	1.9	52
28	Application of Supercritical Fluid Extraction and Chromatography to the Analysis of Turmeric. <i>Journal of Chromatographic Science</i> , 1993, 31, 20-25.	0.7	51
29	Analysis of a ginger extract by high-performance liquid chromatography coupled to nuclear magnetic resonance spectroscopy using superheated deuterium oxide as the mobile phase. <i>Journal of Chromatography A</i> , 2003, 991, 143-150.	1.8	51
30	Impact of a tailored patient preference intervention in adherence to 5-aminosalicylic acid medication in ulcerative colitis: Results from an exploratory randomized controlled trial. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1874-1881.	0.9	51
31	Functional group contributions to the retention of analytes in reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1993, 656, 381-415.	1.8	49
32	Buffered superheated water as an eluent for reversed-phase high performance liquid chromatography. <i>Chromatographia</i> , 1999, 50, 485-489.	0.7	49
33	The application of retention indices using the alkylarylketone scale to the separation of the barbiturates by HPLC. I. The effect of the eluent. <i>Chromatographia</i> , 1984, 19, 401-406.	0.7	48
34	On-line coupled extraction and separation using superheated water for the analysis of triazine herbicides in spiked compost samples. <i>Journal of Chromatography A</i> , 2005, 1084, 194-200.	1.8	48
35	The application of retention indices using the alkylarylketone scale to the separation of the barbiturates by HPLC. II The effect of the stationary phase. <i>Chromatographia</i> , 1984, 19, 407-410.	0.7	47
36	Analysis of food taints and off-flavours: a review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 146-168.	1.1	47

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37	Determination of metal ions by liquid chromatography incorporating dithiocarbamates in the eluent. <i>Analyst, The</i> , 1982, 107, 744.	1.7	44
38	High-performance liquid chromatography of kava lactones from piper methysticum. <i>Journal of Chromatography A</i> , 1984, 283, 303-308.	1.8	43
39	A Collaborative Study to Investigate the Retention Reproducibility of Barbiturates in HPLC with a View to Establishing Retention Databases for Drug Identification. <i>Journal of Chromatographic Science</i> , 1986, 24, 153-159.	0.7	43
40	Effect of organic modifier on the separation and efficiencies of homologues on porous polymer columns. <i>Journal of Chromatography A</i> , 1987, 407, 19-35.	1.8	43
41	Optimization of supercritical fluid extraction of volatile constituents from a model plant matrix. <i>Journal of Chromatography A</i> , 1992, 600, 175-181.	1.8	43
42	On-line coupled superheated water extraction (SWE) and superheated water chromatography (SWC). <i>Analyst, The</i> , 2002, 127, 883-885.	1.7	43
43	Iridodials and nepetalactone in the defensive secretion of the coconut stick insects, <i>Graeffea crouani</i> . <i>Journal of Chemical Ecology</i> , 1979, 5, 727-735.	0.9	42
44	Macrocytic spermidine alkaloids from <i>Maytenus serrata</i> and <i>Tripterygium wilfordii</i> . <i>Journal of Organic Chemistry</i> , 1977, 42, 3660-3664.	1.7	41
45	Pipermethystine, a novel pyridone alkaloid from piper methysticum. <i>Tetrahedron</i> , 1979, 35, 437-439.	1.0	41
46	Kava lactones in <i>Piper methysticum</i> from fiji. <i>Phytochemistry</i> , 1983, 22, 1055-1056.	1.4	41
47	Retention reproducibility of thiazide diuretics and related drugs in reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1987, 384, 259-278.	1.8	41
48	Tumor inhibitors. LVI. Cucurbitacins O, P, and Q, the cytotoxic principles of <i>Brandegea bigelovii</i> . <i>Journal of Organic Chemistry</i> , 1970, 35, 2891-2894.	1.7	40
49	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1989, 485, 325-340.	1.8	40
50	Vancosamine: the structure and configuration of a novel amino-sugar from vancomycin. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1972, 17, 2153.	0.9	39
51	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1989, 481, 71-84.	1.8	39
52	Superheated water chromatography-nuclear magnetic resonance spectroscopy and mass spectrometry of vitamins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 477-482.	1.4	38
53	Comparison of detectors for the determination of curcumin in turmeric by high-performance liquid chromatography. <i>Analyst, The</i> , 1984, 109, 259.	1.7	37
54	Maytoline, maytine, and maytolidine, novel nicotinoyl sesquiterpene alkaloids from <i>Maytenus serrata</i> (Hochst., ex A. Rich.) R. Wilczek. <i>Journal of Organic Chemistry</i> , 1977, 42, 115-118.	1.7	36

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55	Reversed-phase liquid chromatography of isomeric alkylbenzenes. <i>Journal of Chromatography A</i> , 1981, 209, 1-6.	1.8	36
56	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1989, 475, 75-83.	1.8	35
57	Supercritical fluid chromatography of barbiturates. <i>Journal of Chromatography A</i> , 1989, 481, 63-69.	1.8	35
58	Superheated deuterium oxide reversed-phase chromatography coupled to proton nuclear magnetic resonance spectroscopy. <i>Analytical Communications</i> , 1998, 35, 261-263.	2.2	35
59	Selective deuterium exchange during superheated heavy water chromatographyâ€“nuclear magnetic resonance spectroscopyâ€“mass spectrometry of sulfonamides. <i>Journal of Chromatography A</i> , 2000, 886, 289-295.	1.8	35
60	Sesquiterpene hydrocarbons of fujian guavas. <i>Phytochemistry</i> , 1975, 14, 2013-2015.	1.4	33
61	Comparison of in-tube sorptive extraction techniques for non-polar volatile organic compounds by gas chromatography with mass spectrometric detection. <i>Journal of Chromatography A</i> , 2006, 1124, 181-186.	1.8	32
62	Terminology of separation methods (IUPAC Recommendations 2017). <i>Pure and Applied Chemistry</i> , 2018, 90, 181-231.	0.9	32
63	Selectivity comparisons of polystyrene-divinylbenzene columns. <i>Journal of Chromatography A</i> , 1984, 291, 372-376.	1.8	31
64	Packed-column supercritical fluid chromatography of benzodiazepines. <i>Journal of Chromatography A</i> , 1989, 483, 51-61.	1.8	31
65	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1991, 550, 335-356.	1.8	31
66	Determination of dithiocarbamates by liquid chromatography using transition-metal salts as â€œion-pairâ€•reagents. <i>Analyst, The</i> , 1981, 106, 129-134.	1.7	30
67	Comparison of reversed-phase liquid chromatography columns using â€œrohrsneiderâ€•type constants. <i>Journal of Chromatography A</i> , 1982, 236, 321-328.	1.8	29
68	Comparison of volatiles and waxes in leaves of genetically engineered tomatoes. <i>Phytochemistry</i> , 1996, 43, 753-758.	1.4	29
69	Retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol-ammonium nitrate solvent. <i>Journal of Chromatography A</i> , 1987, 386, 65-77.	1.8	28
70	Retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol-ammonium nitrate eluent. <i>Journal of Chromatography A</i> , 1988, 455, 77-93.	1.8	28
71	Comparison of the Composition of the Essential Oils of <i>Alpinia</i> and <i>Hedychium</i> Speciesâ€”Essential Oils of Fijian Plants, Part 1. <i>Journal of Essential Oil Research</i> , 2002, 14, 409-411.	1.3	28
72	Use of in-tube sorptive extraction techniques for determination of benzene, toluene, ethylbenzene and xylenes in soft drinks. <i>Journal of Chromatography A</i> , 2007, 1174, 20-26.	1.8	28

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73	High-performance liquid chromatography comparison of supercritical-fluid extraction and solvent extraction of microbial fermentation products. <i>Journal of Chromatography A</i> , 1995, 697, 115-122.	1.8	27
74	An alternative method for analysis of food taints using stir bar sorptive extraction. <i>Analytica Chimica Acta</i> , 2010, 677, 29-36.	2.6	27
75	Tumor inhibitors. LXII. Structures of acerotin and acerocin. Novel triterpene ester aglycones from the tumor inhibitory saponins of <i>Acer negundo</i> (maple). <i>Journal of Organic Chemistry</i> , 1971, 36, 1972-1976.	1.7	26
76	Celacinnine, a novel macrocyclic spermidine alkaloid prototype. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 329.	2.0	26
77	Gas chromatographic determination of nitrite in water by precolumn formation of 2-phenylphenol with flame ionization detection. <i>Journal of Chromatography A</i> , 1997, 760, 319-325.	1.8	26
78	Superheated water extraction of essential oils from <i>Cinnamomum zeylanicum</i> (L.). <i>Phytochemical Analysis</i> , 2010, 21, 470-472.	1.2	26
79	Detectors in chromatography. <i>Analytical Proceedings</i> , 1982, 19, 361.	0.4	25
80	Analysis of the pungent principles of ginger and grains of paradise by high-performance liquid chromatography using electrochemical detection. <i>Chromatographia</i> , 1982, 16, 155-157.	0.7	25
81	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1989, 481, 85-95.	1.8	25
82	Comparison of retention index scales based on alkyl aryl ketones, alkan-2-ones and 1-nitroalkanes for polar drugs on reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 537, 51-60.	1.8	25
83	Nomenclature for supercritical fluid chromatography and extraction (IUPAC Recommendations 1993). <i>Pure and Applied Chemistry</i> , 1993, 65, 2397-2403.	0.9	25
84	Macrolide antibiotic studies. XIII partial absolute configurations of methymycin, neomethymycin, narbomycin and picromycin. <i>Tetrahedron Letters</i> , 1970, 11, 1025-1028.	0.7	24
85	Triterpene methyl ethers in leaf waxes of <i>Saccharum</i> and related genera. <i>Phytochemistry</i> , 1978, 17, 1307-1312.	1.4	24
86	Alkyl aryl ketones as a retention index scale with acetonitrile or tetrahydrofuran containing eluents in reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1987, 388, 37-49.	1.8	24
87	Comparison of the selectivity of cyano-bonded silica stationary phases in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 464, 297-306.	1.8	24
88	The use of stir bar sorptive extraction—A potential alternative method for the determination of furan, evaluated using two example food matrices. <i>Analytica Chimica Acta</i> , 2010, 657, 169-174.	2.6	24
89	Macrolide antibiotic studies. XIV. the total absolute configuration of methymycin. <i>Tetrahedron Letters</i> , 1970, 11, 1029-1032.	0.7	23
90	Retention and selectivity in supercritical fluid chromatography on an octadecylsilyl-silica column. <i>Journal of Chromatography A</i> , 1990, 505, 147-159.	1.8	23

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91	Superheated water extraction and phase transfer methylation of phenoxy acid herbicides from solid matrices. <i>Journal of Chromatography A</i> , 2007, 1152, 268-273.	1.8	23
92	Separation of sulfonamides by capillary electrochromatography. <i>Chromatographia</i> , 2001, 53, 51-56.	0.7	22
93	Evaluation of in vitro biocompatibility of open cell iron structures with PEG coating. <i>Applied Surface Science</i> , 2019, 475, 515-518.	3.1	22
94	Retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol-ammonium nitrate eluent. <i>Journal of Chromatography A</i> , 1987, 398, 73-87.	1.8	21
95	Research and development topics in Analytical Chemistry. <i>Analytical Proceedings</i> , 1992, 29, 91.	0.4	21
96	Modeling and Prediction of Electrophoretic Mobilities in Capillary Electrophoresis: Separation of Alkylpyridines. <i>Analytical Chemistry</i> , 1999, 71, 497-503.	3.2	21
97	Superheated water chromatography on phenyl bonded hybrid stationary phases. <i>Journal of Chromatography A</i> , 2008, 1201, 61-64.	1.8	21
98	Ion-pair chromatography. <i>Analytical Proceedings</i> , 1984, 21, 72.	0.4	20
99	Application of retention indices based on the alkylarylketone scale to the separation of the local anaesthetic drugs by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1986, 355, 75-85.	1.8	20
100	Simulation of keV particle bombardment of covalent materials: An investigation of the yield dependence on incidence angle. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1990, 46, 1-11.	0.6	20
101	Research and development topics in Analytical Chemistry. <i>Analytical Proceedings</i> , 1991, 28, 8.	0.4	20
102	Effects of kinematic viscosity of the slurry on the packing efficiency of PEEK microbore columns for liquid chromatography. <i>Chromatographia</i> , 1995, 40, 662-668.	0.7	20
103	Localised Evolved Gas Analysis by Micro-thermal Analysis. <i>Magyar Árvizsgáló és Kémiai Értékelő</i> , 2001, 64, 309-314.	1.4	20
104	The diterpene acids in the bleb resins of three pacific kauri, <i>Agathis vitiensis</i> , <i>A. lanceolata</i> and <i>A. macrophylla</i> . <i>Phytochemistry</i> , 1981, 20, 2205-2207.	1.4	19
105	Retention indices in supercritical fluid chromatography on a polystyrene-divinylbenzene column. <i>Chromatographia</i> , 1988, 26, 77-84.	0.7	18
106	Retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol-high-pH buffer eluent. <i>Journal of Chromatography A</i> , 1990, 514, 97-109.	1.8	18
107	GLC of Supercritical Fluid Extracts of Essential Oils from the Medicinal Herbs, Feverfew, Tansy, and German Chamomile. <i>Journal of Chromatographic Science</i> , 1994, 32, 265-269.	0.7	18
108	Determination of stevioside by high-performance liquid chromatography with pulsed amperometric detection. <i>Journal of Separation Science</i> , 2002, 25, 170-172.	1.3	18

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109	Subcritical water extraction of trace metals from petroleum source rock. <i>Talanta</i> , 2010, 81, 1346-1349.	2.9	18
110	Constituents of <i>Catha edulis</i> . <i>Tetrahedron</i> , 1975, 31, 2727-2731.	1.0	17
111	The use of retention indices to measure the solvent selectivity of ternary eluents in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1985, 324, 243-250.	1.8	17
112	Separation of basic drugs by high-performance liquid chromatography on a silica column using a methanol-ethylenediamine buffer. <i>Journal of Chromatography A</i> , 1991, 464, 117-123.	1.8	17
113	Sexual hybrids of <i>Tanacetum</i> : biochemical, cytological and pharmacological characterization. <i>Journal of Experimental Botany</i> , 1999, 50, 435-444.	2.4	17
114	Standardisation in reversed-phase HPLC. <i>TrAC - Trends in Analytical Chemistry</i> , 1984, 3, 186-190.	5.8	16
115	International collaborative study of the retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol-ammonium nitrate eluent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1989, 7, 447-457.	1.4	16
116	Determination of 5-hydroxymethylfurfural and caffeine in coffee and chicory extracts by high performance liquid chromatography. <i>Food Chemistry</i> , 1981, 7, 41-45.	4.2	15
117	Separation of aromatic compounds on phenyl-bonded silica. <i>Journal of Chromatography A</i> , 1982, 237, 144-147.	1.8	15
118	Application of packed column supercritical fluid chromatography to the analysis of barbiturates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1988, 6, 837-841.	1.4	15
119	Supercritical fluid extraction and chromatography-mass spectrometry of flame retardants from polyurethane foams. <i>Analyst</i> , 1993, 118, 741-745.	1.7	15
120	Fluorescence detection in packed-column supercritical fluid chromatographic separations. <i>Journal of Chromatography A</i> , 1998, 798, 203-206.	1.8	15
121	High-temperature liquid chromatography of steroids on a bonded hybrid column. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1255-1260.	1.9	15
122	Vancosamine. A novel branched chain amino-sugar from the antibiotic vancomycin. <i>Journal of the Chemical Society Chemical Communications</i> , 1972, , 361.	2.0	14
123	Retention reproducibility of basic drugs in high-performance liquid chromatography on a silica column with a methanol-high-pH buffer eluent. <i>Journal of Chromatography A</i> , 1992, 592, 85-92.	1.8	14
124	Supercritical Fluid Extraction-Supercritical Fluid Chromatography-Mass Spectrometry for the Analysis of Additives in Polyurethanes. <i>Journal of Chromatographic Science</i> , 1994, 32, 455-460.	0.7	14
125	The characterization of high generation poly(amidoamine) G9 dendrimers by atomic force microscopy (AFM). <i>Macromolecular Symposia</i> , 2001, 167, 257-269.	0.4	14
126	High resolution packed column supercritical fluid chromatography of fatty acid methyl esters. <i>Journal of Separation Science</i> , 2001, 24, 208-212.	1.3	14



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127	Problems of the interlaboratory transferability of the measurement of the properties of a reversed-phase HPLC column. <i>Chromatographia</i> , 2003, 57, S27-S37.	0.7	14
128	Retention in supercritical fluid chromatography on cyano-bonded silica columns. <i>Analyst, The</i> , 1991, 116, 1281.	1.7	13
129	Impedance study of Ni-Co electro-deposition on Fe powder particles in fluidised bed systems. <i>Journal of Solid State Electrochemistry</i> , 2006, 10, 458-464.	1.2	13
130	Thermal Stability of Thiazide and Related Diuretics During Superheated Water Chromatography. <i>Chromatographia</i> , 2010, 72, 1177-1181.	0.7	13
131	Liquid chromatography-flame ionisation detection using a nebuliser/spray chamber interface. Part 2. Comparison of functional group responses. <i>Journal of Chromatography A</i> , 2012, 1236, 21-27.	1.8	13
132	Determination of organotins in fish and sediments by gas chromatography with flame photometric detection. <i>Analytical Proceedings</i> , 1989, 26, 16.	0.4	12
133	Study of the flow development during the slurry packing of microcolumns for liquid chromatography. <i>Journal of Chromatography A</i> , 1996, 728, 33-45.	1.8	12
134	The GC-MS detection and characterization of reticuline as a marker of opium use. <i>Forensic Science International</i> , 2004, 140, 175-183.	1.3	12
135	Superheated water chromatography-nuclear magnetic resonance spectroscopy of kava lactones. <i>Phytochemical Analysis</i> , 2005, 16, 217-221.	1.2	12
136	Communication. Application of transition-metal salts as ion-pair reagents in the liquid chromatography of dithiocarbamates. <i>Analyst, The</i> , 1980, 105, 184.	1.7	11
137	High-performance liquid chromatographic analysis of eugenol in pimento using ultraviolet and electrochemical detection. <i>Journal of Chromatography A</i> , 1984, 291, 424-427.	1.8	11
138	Determination of trace levels of ethylenethiourea by HPLC following derivatisation with phenacyl halides. <i>Chromatographia</i> , 1984, 19, 411-414.	0.7	11
139	Spectrophotometric determination of copper as a dithiocarbamate by flow injection analysis. <i>Analytica Chimica Acta</i> , 1985, 166, 271-276.	2.6	11
140	Retention prediction of analytes in reversed-phase high-performance liquid chromatography based on molecular structure. <i>Journal of Chromatography A</i> , 1991, 558, 7-18.	1.8	11
141	Comparison of flavanoids in feverfew varieties and related species by principal components analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1993, 18, 285-291.	1.8	11
142	Chemical Composition of the Essential Oil of <i>Plectranthus tenuiflorus</i> from Saudi Arabia. <i>Journal of Essential Oil Research</i> , 1996, 8, 447-448.	1.3	11
143	Chiral supercritical fluid chromatography of phenylpropanols and related compounds. <i>Journal of Chromatography A</i> , 1997, 785, 179-184.	1.8	11
144	Solid phase extraction and thermal desorption of acetophenone and m-cresol using superheated water or steam as the sole eluent. <i>Analytical Communications</i> , 1999, 36, 375.	2.2	11

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145	The GC-MS detection and characterization of neopine resulting from opium use and codeine metabolism and its potential as an opiate-product-use marker. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 830-835.	1.9	11
146	Liquid chromatography-flame ionisation detection using a nebuliser/spray chamber interface. Part 1. Design and testing. <i>Journal of Chromatography A</i> , 2012, 1236, 16-20.	1.8	11
147	Pyrolysis-gas chromatography of histidine and 3-methylhistidine. <i>Journal of Analytical and Applied Pyrolysis</i> , 1980, 1, 197-201.	2.6	10
148	Separation of N-alkylanilines by reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1986, 351, 259-265.	1.8	10
149	Classification and characterization of stationary phases for liquid chromatography: Part I. Descriptive terminology (IUPAC Recommendations 1997). <i>Pure and Applied Chemistry</i> , 1997, 69, 1475-1480.	0.9	10
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