

# Bruce Richter

## List of Publications by Year in descending order

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26  
papers

1,160  
citations

394286

19  
h-index

552653

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous ceramic bed supports for fused silica packed capillary columns used in liquid chromatography. <i>Journal of High Resolution Chromatography</i> , 1987, 10, 446-448.	2.0	135
2	Extraction of hydrocarbon contamination from soils using accelerated solvent extraction. <i>Journal of Chromatography A</i> , 2000, 874, 217-224.	1.8	82
3	Determination of arsenic and sulfur species in environmental samples by ion chromatography. <i>Analytical Chemistry</i> , 1979, 51, 633-637.	3.2	79
4	On-line multidimensional chromatography using packed capillary liquid chromatography and capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1985, 8, 469-474.	2.0	77
5	Azo compounds for free radical crosslinking of polysiloxane stationary phases. <i>Journal of High Resolution Chromatography</i> , 1983, 6, 371-374.	2.0	76
6	Supercritical Fluid Extraction as a Sample Introduction Method for Chromatography. <i>Journal of Chromatographic Science</i> , 1989, 27, 371-377.	0.7	69
7	Deactivation of fused silica capillary columns with polymethylhydrosiloxanes. <i>Journal of High Resolution Chromatography</i> , 1984, 7, 329-332.	2.0	60
8	Studies of Linear Restrictors and Analyte Collection via Solvent Trapping after Supercritical Fluid Extraction. <i>Journal of Chromatographic Science</i> , 1992, 30, 367-373.	0.7	59
9	Multi-class multi-residue analysis of veterinary drugs in meat using enhanced matrix removal lipid cleanup and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1549, 14-24.	1.8	59
10	Analysis of Various Classes of Drugs by Capillary Supercritical Fluid Chromatography. <i>Journal of Chromatographic Science</i> , 1986, 24, 249-253.	0.7	54
11	Modified flame ionization detector for the analysis of large molecular weight polar compounds by capillary supercritical fluid chromatography. <i>Journal of High Resolution Chromatography</i> , 1985, 8, 297-300.	2.0	49
12	Gas Chromatographic Detectors in SFC. <i>Journal of Chromatographic Science</i> , 1989, 27, 303-308.	0.7	48
13	The Supercritical Fluid Extraction of Polar Drugs (Sulphonamides) from Inert Matrices and Meat Animal Products. <i>Journal of Chromatographic Science</i> , 1993, 31, 162-169.	0.7	44
14	Reproducibility in capillary supercritical fluid chromatography: Comparison of injection techniques. <i>Journal of High Resolution Chromatography</i> , 1988, 11, 29-32.	2.0	42
15	Polarizable biphenyl polysiloxane stationary phase for capillary column gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1984, 7, 13-18.	2.0	41
16	Rapid conversion of sulfur dioxide to sulfate in a fog bank. <i>Environmental Science &amp; Technology</i> , 1984, 18, 855-859.	4.6	36
17	Synchronized temperature/density programming in capillary supercritical fluid chromatography. <i>Journal of High Resolution Chromatography</i> , 1988, 11, 65-69.	2.0	29
18	Nonextractable cyanopropyl polysiloxane stationary phases for capillary chromatography. <i>Chromatographia</i> , 1983, 17, 570-573.	0.7	28

#	ARTICLE	IF	CITATIONS
19	Determination of nitrite by direct injection enthalpimetry. Analytical Chemistry, 1977, 49, 1779-1781.	3.2	20
20	Effects of fluid filling techniques on reproducibility in capillary SFC. Journal of High Resolution Chromatography, 1987, 10, 477-478.	2.0	19
21	Fat Extraction from Acid- and Base-Hydrolyzed Food Samples Using Accelerated Solvent Extraction. Journal of Agricultural and Food Chemistry, 2011, 59, 2169-2174.	2.4	19
22	Optimized Supercritical Fluid Chromatographic Instrumentation for the Analysis of Petroleum Fractions. Journal of Chromatographic Science, 1998, 36, 444-448.	0.7	10
23	CO <sub>2</sub> -modified solvents for chromatographic separation. Green Chemistry, 2017, 19, 1757-1765.	4.6	8
24	Carbonated water for the separation of carboxylic compounds: a chromatography approach. Green Chemistry, 2018, 20, 440-448.	4.6	7
25	Proton Induced X-Ray Emission Analysis - A Complement to Analytical Methods Used in Environmental Studies. IEEE Transactions on Nuclear Science, 1981, 28, 1378-1381.	1.2	5
26	High Resolution Supercritical Fluid Chromatography. ACS Symposium Series, 1984, , 121-133.	0.5	5