Hiroshi Kobayashi

List of Publications by Year
in descending order

25	2,380	566801 15	713013 21
papers	citations	h-index	g-index

25	25	25	1207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monolithic silica columns for high-efficiency chromatographic separations. Journal of Chromatography A, 2002, 965, 35-49.	1.8	478
2	Peer Reviewed: Monolithic LC Columns. Analytical Chemistry, 2001, 73, 420 A-429 A.	3.2	413
3	Monolithic Silica Columns for HPLC, Micro-HPLC, and CEC. Journal of High Resolution Chromatography, 2000, 23, 111-116.	2.0	299
4	Monolithic silica columns with various skeleton sizes and through-pore sizes for capillary liquid chromatography. Journal of Chromatography A, 2002, 961, 53-63.	1.8	270
5	Monolithic silica columns for high-efficiency separations by high-performance liquid chromatography. Journal of Chromatography A, 2002, 960, 85-96.	1.8	209
6	Performance of Monolithic Silica Capillary Columns with Increased Phase Ratios and Small-Sized Domains. Analytical Chemistry, 2006, 78, 7632-7642.	3.2	150
7	High-Efficiency Liquid Chromatographic Separation Utilizing Long Monolithic Silica Capillary Columns. Analytical Chemistry, 2008, 80, 8741-8750.	3.2	132
8	Two-dimensional reversed-phase liquid chromatography using two monolithic silica C18 columns and different mobile phase modifiers in the two dimensions. Journal of Chromatography A, 2006, 1106, 112-117.	1.8	87
9	Properties of Monolithic Silica Columns for HPLC. Analytical Sciences, 2006, 22, 491-501.	0.8	80
10	How to utilize the true performance of monolithic silica columns. Journal of Separation Science, 2004, 27, 1292-1302.	1.3	62
11	Monolithic columns for liquid chromatography. Analytical and Bioanalytical Chemistry, 2003, 376, 298-301.	1.9	53
12	Faster axial band dispersion in a monolithic silica column than in a particle-packed column. Journal of Chromatography A, 2006, 1109, 2-9.	1.8	52
13	Capillary Electrochromatography on Monolithic Silica Columns.. Analytical Sciences, 2002, 18, 89-92.	0.8	25
14	Unique Separation Behavior of a C₆₀ Fullereneâ€Bonded Silica Monolith Prepared by an Effective Thermal Coupling Agent. Chemistry - A European Journal, 2015, 21, 18095-18098.	1.7	18
15	A kinetic parameter concerning mass transfer in silica monolithic and particulate stationary phases measured by the peak-parking and slow-elution methods. Journal of Separation Science, 2006, 29, 2452-2462.	1.3	15
16	Monolithic Silica Columns for Capillary Liquid Chromatography. Journal of Chromatography Library, 2003, , 173-196.	0.1	11
17	Separation of saccharides using fullerene-bonded silica monolithic columns via Ï€ interactions in liquid chromatography. Scientific Reports, 2020, 10, 13850.	1.6	8
18	Effect of Acidic Additives on Peak Capacity and Detectivity in Peptide Analysis Using Nano-Flow LC/MS with Low-Density ODS Modified Monolithic Silica Capillary Columns. Chromatography, 2016, 37, 133-139.	0.8	5

#	Article	IF	Citations
19	Capillary Electrochromatography on Monolithic Silica Columns. Journal of Chromatography Library, 2001, 62, 165-181.	0.1	4
20	Recent Progress in FD-LC-MS/MS Proteomics Method. Frontiers in Chemistry, 2021, 9, 640336.	1.8	4
21	Phenylâ€bonded monolithic silica capillary column liquid chromatographic separation and detection of fluorogenic derivatized intact proteins. Biomedical Chromatography, 2021, 35, e5078.	0.8	3
22	High-Performance Liquid Chromatography for Metabolomics: High-Efficiency Separations Utilizing Monolithic Silica Columns. , 2005, , 107-126.		2
23	Development of Monolithic Silica Capillary Columns for LC/MS Analysis of Intact Proteins. Bunseki Kagaku, 2020, 69, 97-104.	0.1	0
24	Development of Monolithic Silica Columns for the Separation and Analysis of Various Compounds. Bunseki Kagaku, 2020, 69, 209-217.	0.1	0
25	Development and Evaluation of a Silica-monolithic Micro-trap Column for LC/MS Analysis of Intact Proteins. Bunseki Kagaku, 2022, 71, 341-349.	0.1	0