

Hiroshi Kobayashi

List of Publications by Year in descending order

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25
papers

2,380
citations

566801

15
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Phenylâ€bonded monolithic silica capillary column liquid chromatographic separation and detection of fluorogenic derivatized intact proteins. Biomedical Chromatography, 2021, 35, e5078.	0.8	3
3	Recent Progress in FD-LC-MS/MS Proteomics Method. Frontiers in Chemistry, 2021, 9, 640336.	1.8	4
4	Separation of saccharides using fullerene-bonded silica monolithic columns via ï€ interactions in liquid chromatography. Scientific Reports, 2020, 10, 13850.	1.6	8
5	Development of Monolithic Silica Capillary Columns for LC/MS Analysis of Intact Proteins. Bunseki Kagaku, 2020, 69, 97-104.	0.1	0
6	Development of Monolithic Silica Columns for the Separation and Analysis of Various Compounds. Bunseki Kagaku, 2020, 69, 209-217.	0.1	0
7	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
8	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
9	High-Efficiency Liquid Chromatographic Separation Utilizing Long Monolithic Silica Capillary Columns. Analytical Chemistry, 2008, 80, 8741-8750.	3.2	132
10	Performance of Monolithic Silica Capillary Columns with Increased Phase Ratios and Small-Sized Domains. Analytical Chemistry, 2006, 78, 7632-7642.	3.2	150
11	Properties of Monolithic Silica Columns for HPLC. Analytical Sciences, 2006, 22, 491-501.	0.8	80
12	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
13	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
14	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
15	High-Performance Liquid Chromatography for Metabolomics: High-Efficiency Separations Utilizing Monolithic Silica Columns. , 2005, , 107-126.		2
16	How to utilize the true performance of monolithic silica columns. Journal of Separation Science, 2004, 27, 1292-1302.	1.3	62
17	Monolithic columns for liquid chromatography. Analytical and Bioanalytical Chemistry, 2003, 376, 298-301.	1.9	53
18	Monolithic Silica Columns for Capillary Liquid Chromatography. Journal of Chromatography Library, 2003, , 173-196.	0.1	11

#	ARTICLE	IF	CITATIONS
19	Capillary Electrochromatography on Monolithic Silica Columns.. Analytical Sciences, 2002, 18, 89-92.	0.8	25
20	Monolithic silica columns for high-efficiency separations by high-performance liquid chromatography. Journal of Chromatography A, 2002, 960, 85-96.	1.8	209
21	Monolithic silica columns for high-efficiency chromatographic separations. Journal of Chromatography A, 2002, 965, 35-49.	1.8	478
22	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
23	Peer Reviewed: Monolithic LC Columns. Analytical Chemistry, 2001, 73, 420 A-429 A.	3.2	413
24	Capillary Electrochromatography on Monolithic Silica Columns. Journal of Chromatography Library, 2001, 62, 165-181.	0.1	4
25	Monolithic Silica Columns for HPLC, Micro-HPLC, and CEC. Journal of High Resolution Chromatography, 2000, 23, 111-116.	2.0	299