

Takeshi Hara

List of Publications by Year in descending order

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28
papers

1,410
citations

566801

15
h-index

552369

26
g-index

29
all docs

29
docs citations

29
times ranked

1920
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature sodium-ion batteries: Improving the rate capability of carbon anode materials by templating strategies. <i>Energy and Environmental Science</i> , 2011, 4, 3342.	15.6	491
2	Performance of Monolithic Silica Capillary Columns with Increased Phase Ratios and Small-Sized Domains. <i>Analytical Chemistry</i> , 2006, 78, 7632-7642.	3.2	150
3	High-Efficiency Liquid Chromatographic Separation Utilizing Long Monolithic Silica Capillary Columns. <i>Analytical Chemistry</i> , 2008, 80, 8741-8750.	3.2	132
4	Two-dimensional reversed-phase liquid chromatography using two monolithic silica C18 columns and different mobile phase modifiers in the two dimensions. <i>Journal of Chromatography A</i> , 2006, 1106, 112-117.	1.8	87
5	Properties of Monolithic Silica Columns for HPLC. <i>Analytical Sciences</i> , 2006, 22, 491-501.	0.8	80
6	The performance of hybrid monolithic silica capillary columns prepared by changing feed ratios of tetramethoxysilane and methyltrimethoxysilane. <i>Journal of Chromatography A</i> , 2010, 1217, 89-98.	1.8	77
7	Very High Efficiency Porous Silica Layer Open-Tubular Capillary Columns Produced via in-Column Sol-Gel Processing. <i>Analytical Chemistry</i> , 2016, 88, 10158-10166.	3.2	62
8	Morphological analysis of physically reconstructed capillary hybrid silica monoliths and correlation with separation efficiency. <i>Journal of Chromatography A</i> , 2011, 1218, 5187-5194.	1.8	53
9	The effect of hydrothermal treatment on column performance for monolithic silica capillary columns. <i>Journal of Chromatography A</i> , 2011, 1218, 3624-3635.	1.8	32
10	Improved endcapping method of monolithic silica columns. <i>Journal of Chromatography A</i> , 2006, 1130, 175-181.	1.8	31
11	Effect of polyethylene glycol on pore structure and separation efficiency of silica-based monolithic capillary columns. <i>Journal of Chromatography A</i> , 2016, 1442, 42-52.	1.8	31
12	Chromatographic Properties of Minimal Aspect Ratio Monolithic Silica Columns. <i>Analytical Chemistry</i> , 2017, 89, 10948-10956.	3.2	25
13	Silica-based hybrid porous layers to enhance the retention and efficiency of open tubular capillary columns with a 5 μm inner diameter. <i>Journal of Chromatography A</i> , 2018, 1580, 63-71.	1.8	25
14	Follow-up Study Of Thyroid Stimulating-Blocking Antibodies In Hypothyroid Patients. <i>Clinical Endocrinology</i> , 1990, 33, 699-707.	1.2	22
15	Improvement of separation efficiencies of anion-exchange chromatography using monolithic silica capillary columns modified with polyacrylates and polymethacrylates containing tertiary amino or quaternary ammonium groups. <i>Journal of Chromatography A</i> , 2009, 1216, 7394-7401.	1.8	18
16	Performance of small-domain monolithic silica columns in nano-liquid chromatography and comparison with commercial packed bed columns with 2 μm particles. <i>Journal of Chromatography A</i> , 2020, 1616, 460804.	1.8	15
17	Improved quantitation of lipid classes using supercritical fluid chromatography with a charged aerosol detector. <i>Journal of Lipid Research</i> , 2019, 60, 1465-1474.	2.0	14
18	Exploring the effect of mesopore size reduction on the column performance of silica-based open tubular capillary columns. <i>Journal of Chromatography A</i> , 2018, 1552, 87-91.	1.8	11

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19	In-Line Sample Processing System with an Immobilized Trypsin-Packed Fused-Silica Capillary Tube for the Proteomic Analysis of a Small Number of Mammalian Cells. <i>Analytical Chemistry</i> , 2020, 92, 2997-3005.	3.2	11
20	Preparation and evaluation of mesoporous silica layers on radially elongated pillars. <i>Journal of Chromatography A</i> , 2017, 1523, 234-241.	1.8	10
21	Exploring the pressure resistance limits of monolithic silica capillary columns. <i>Journal of Chromatography A</i> , 2016, 1446, 164-169.	1.8	9
22	The role of thyroid stimulating antibody (TSAb) in the thyroid function of patients with postpartum hypothyroidism. <i>Clinical Endocrinology</i> , 1992, 36, 69-74.	1.2	8
23	Chromatographic study of the structural properties of mesoporous silica layers deposited on radially elongated pillars. <i>Journal of Chromatography A</i> , 2019, 1595, 58-65.	1.8	7
24	Study of peak capacities generated by a porous layered radially elongated pillar array column coupled to a nano-LC system. <i>Analyst</i> , 2019, 144, 1809-1817.	1.7	5
25	A long-term follow-up study of patients with non-toxic diffuse goitre in Japan. <i>Clinical Endocrinology</i> , 1993, 39, 541-546.	1.2	3
26	Nano-Liquid Chromatography Mass Spectrometry-Based Molecular and Phenotypic Analysis at Single-Cell Resolution. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2020, 68, 44-48.	0.0	1
27	Monolithic Columns in Fast Liquid Chromatography. , 2015, , 57-107.		0
28	Performance of functionalized monolithic silica capillary columns with different mesopore sizes using radical polymerization of octadecyl methacrylate. <i>Journal of Chromatography A</i> , 2021, 1651, 462282.	1.8	0