

Masanobu Mori

List of Publications by Year in descending order

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45
papers

456
citations

758635

12
h-index

752256

20
g-index

45
all docs

45
docs citations

45
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of cadmium uptake in rice using fermented bark as a soil amendment. <i>Chemosphere</i> , 2016, 148, 487-494.	4.2	39
2	On-Line Electrodealytic Salt Removal in Electrospray Ionization Mass Spectrometry of Proteins. <i>Analytical Chemistry</i> , 2011, 83, 1015-1021.	3.2	36
3	Influence of acidic eluent for retention behaviors of common anions and cations by ion-exclusion/cation-exchange chromatography on a weakly acidic cation-exchange resin in the H ⁺ -form. <i>Journal of Chromatography A</i> , 2006, 1118, 51-55.	1.8	31
4	Ion-exclusion/adsorption chromatography of dimethylsulfoxide and its derivatives for the evaluation to quality-test of TiO ₂ -photocatalyst in water. <i>Talanta</i> , 2006, 70, 169-173.	2.9	27
5	Recent Progress and Applications of Ion-exclusion/Ion-exchange Chromatography for Simultaneous Determination of Inorganic Anions and Cations. <i>Analytical Sciences</i> , 2012, 28, 845-852.	0.8	26
6	Charge Detector for the Measurement of Ionic Solutes. <i>Analytical Chemistry</i> , 2010, 82, 951-958.	3.2	23
7	Fractionation of radiocesium in soil, sediments, and aquatic organisms in Lake Onuma of Mt. Akagi, Gunma Prefecture using sequential extraction. <i>Science of the Total Environment</i> , 2017, 575, 1247-1254.	3.9	22
8	Ion-exclusion/cation-exchange chromatographic determination of common inorganic ions in human saliva by using an eluent containing zwitterionic surfactant. <i>Journal of Chromatography A</i> , 2008, 1213, 125-129.	1.8	21
9	Photodecomposition of humic acid and natural organic matter in swamp water using a TiO ₂ -coated ceramic foam filter: Potential for the formation of disinfection byproducts. <i>Chemosphere</i> , 2013, 90, 1359-1365.	4.2	19
10	High-speed ion-exclusion chromatography of dissolved carbon dioxide on a small weakly acidic cation-exchange resin column with ion-exchange enhancement columns of conductivity detection. <i>Journal of Chromatography A</i> , 2005, 1092, 250-253.	1.8	18
11	Capillary ion electrophoresis—capacitively coupled contactless conductivity detection of inorganic cations in human saliva on a polyvinyl alcohol-coated capillary. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2425-2430.	1.9	16
12	Capillary ion electrophoresis of inorganic anions and uric acid in human saliva using a polyvinyl alcohol coated capillary column and hexamethonium chloride as additive of background electrolyte. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 887-888, 1-7.	1.2	15
13	Single injection ion-exclusion/cation-exchange chromatography for simultaneous determination of organic/inorganic anions, inorganic cations, and ethanol in beer samples. <i>Food Chemistry</i> , 2019, 274, 679-685.	4.2	13
14	Synthesis and Characterization of Fluoride Apatite in a Simulated Body Fluid. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 838-843.	1.3	11
15	Simultaneous analysis of silicon and boron dissolved in water by combination of electrodealytic salt removal and ion-exclusion chromatography with corona charged aerosol detection. <i>Journal of Chromatography A</i> , 2016, 1431, 131-137.	1.8	11
16	Simple mercury determination using an enclosed quartz cell with cold vapour-atomic absorption spectrometry. <i>Analytical Methods</i> , 2021, 13, 1106-1109.	1.3	11
17	Universal HPLC Detector for Hydrophilic Organic Compounds by Means of Total Organic Carbon Detection. <i>Analytical Chemistry</i> , 2018, 90, 6461-6467.	3.2	10
18	Ion-exclusion chromatography with the direct UV detection of non-absorbing inorganic cations using an anion-exchange conversion column in the iodide-form. <i>Talanta</i> , 2006, 70, 174-177.	2.9	9

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19	Vacancy ion-exclusion chromatography of inorganic acids on a weakly acidic cation-exchange resin column. <i>Journal of Chromatography A</i> , 2006, 1118, 41-45.	1.8	9
20	Simultaneous Determination of Orthophosphate and Silicate Ions in River Water by Ion-Exclusion Chromatography with Postcolumn Spectrophotometric Detection Using Molybdate and Malachite Green. <i>Bunseki Kagaku</i> , 2009, 58, 305-309.	0.1	9
21	Application of Ion-Exclusion/Cation-Exchange Chromatography to Water Quality Monitoring of Sub-Urban River. <i>Bunseki Kagaku</i> , 2008, 57, 651-658.	0.1	8
22	Adsorptivity of heavy metals CuII, CdII, and PbII on woodchip-mixed porous mortar. <i>Chemical Engineering Journal</i> , 2013, 215-216, 202-208.	6.6	8
23	Determination of Water Quality Degradation Due to Industrial and Household Wastewater in the Galing River in Kuantan, Malaysia Using Ion Chromatograph and Water Quality Data. <i>Environments - MDPI</i> , 2017, 4, 35.	1.5	7
24	Speciation Analysis for Heavy Metals in Sediments at Kusaki Dam-Lake with Sequential Extraction Procedure. <i>Bunseki Kagaku</i> , 2010, 59, 829-837.	0.1	6
25	The Simultaneous Determination of Silicic, Boric and Carbonic Acids in Natural Water via Ion-Exclusion Chromatography with a Charged Aerosol Detector. <i>Separations</i> , 2016, 3, 9.	1.1	6
26	Direct conversion of lignin to high-quality graphene-based materials via catalytic carbonization. <i>RSC Advances</i> , 2021, 11, 18702-18707.	1.7	6
27	Milestone Studies on Ion-exclusion Chromatography of Ionic and Nonionic Substances Utilizing Multifunctional Separation Mechanism of Ion-exchange Resins. <i>Analytical Sciences</i> , 2021, 37, 93-105.	0.8	6
28	Use of a Polystyrene-divinylbenzene-based Weakly Acidic Cation-Exchange Resin Column and Propionic Acid as an Eluent in Ion-Exclusion/Adsorption Chromatography of Aliphatic Carboxylic Acids and Ethanol in Food Samples. <i>Analytical Sciences</i> , 2011, 27, 505-510.	0.8	5
29	Electrodialytic Handling of Radioactive Metal Ions for Preparation of Tracer Reagents. <i>Analytical Chemistry</i> , 2020, 92, 14953-14958.	3.2	5
30	Development of a Size-Exclusion/Ion-Exclusion/Reversed-Phase Separation Method for the Simultaneous Determination of Inorganic and Organic Acids, Sugars, and Ethanol During Multiple Parallel Fermentation of Rice Wine. <i>Food Analytical Methods</i> , 2021, 14, 290-299.	1.3	5
31	Physicomechanical properties and durability of a new lightweight porous mortar utilizing woodchips. <i>Journal of Cleaner Production</i> , 2019, 235, 158-165.	4.6	3
32	Optimization on Synthetic Conditions of Fluoride Apatite Coated Titanium Dioxide in Simulated Body Fluid. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 151-155.	1.3	2
33	Electrostatic Ion Chromatography of Common Anions and Cations with a Zwitterionic Surfactant-Modified Silica-C18 Column Using Water Eluent. <i>Bunseki Kagaku</i> , 2009, 58, 311-315.	0.1	2
34	Utilization of Ion-Exclusion Chromatography for the Quality Test of Water Purifications of Photocatalytic Environmental Materials. <i>Bunseki Kagaku</i> , 2010, 59, 565-578.	0.1	2
35	Preparation of Hydroxyapatite-coated Anatase by Photoinduced Superhydrophilic Reaction of TiO ₂ for Water Purification. <i>Chemistry Letters</i> , 2013, 42, 209-211.	0.7	2
36	Ion-Exclusion/Cation-Exchange Chromatography Using Dual-Ion-Exchange Groups for Simultaneous Determination of Inorganic Ionic Nutrients in Fertilizer Solution Samples for the Management of Hydroponic Culture. <i>Agronomy</i> , 2021, 11, 1847.	1.3	2

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37	Stepwise Separation of AlIII, GaIII and InIII in Aqueous Solution Using Chelating Resin. Bunseki Kagaku, 2009, 58, 821-825.	0.1	1
38	Simultaneous Measurement of Monovalent Cation Concentrations and Hydrogen Ion Concentration or Alkalinity in Environmental Waters by Ion Chromatography with Conductimetric Detection Using an ODS-Silica Column Modified with Lithium Dodecylsulfate. Bunseki Kagaku, 2009, 58, 887-894.	0.1	1
39	Simultaneous suppression of magnetic nanoscale powder and fermented bark amendment for arsenic and cadmium uptake by radish sprouts grown in agar medium. Environmental Science and Pollution Research, 2019, 26, 14483-14493.	2.7	1
40	Simultaneous determination of NH ₄ ⁺ , NO ₂ ⁻ and NO ₃ ⁻ by ion-exclusion/anion-exchange chromatography on a strongly basic anion-exchange resin with basic eluent. Chinese Journal of Chromatography (Se Pu), 2012, 30, 356-60.	0.1	1
41	Rapid Flow-Based System for Separation of Radioactive Metals by Selective Complex Formation. Analytical Chemistry, 2021, 93, 17069-17075.	3.2	1
42	Development of Simultaneous Determination Method for Nitrate, Nitrite, Phosphate, Ammonium and Potassium Ions by Cation Exclusion/Anion Exchange Chromatography and Its Application to the Analysis of Liquid Fertilizer. Bunseki Kagaku, 2019, 68, 253-258.	0.1	0
43	Implementation of a conductivity cell electrode as an ion chromatography detector. Analytical Methods, 2022, , .	1.3	0
44	Woodchip-mixing porous mortarâ€™s adsorption of cesium in aqueous media. Journal of Material Cycles and Waste Management, 0, , 1.	1.6	0
45	Highly Efficient Separation of Ultratrace Radioactive Copper Using a Flow Electrolysis Cell. ACS Omega, 2022, 7, 15779-15785.	1.6	0