Kazuhiko Nakano

List of Publications by Year
in descending order

49	851	516710 16	501196 28
papers	citations	h-index	g-index

49	49	49	678
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of Potential Anthropogenic Pollution of Gd Based on Determination of Rave Earth Elements in Tama-River Water by ICP-MS with Chelate Resin Solid-phase Extraction. Bunseki Kagaku, 2020, 69, 341-350.	0.2	2
2	Simultaneous Determination of Cr, As, Se, and Other Trace Metal Elements in Seawater by ICP-MS with Hybrid Simultaneous Preconcentration Combining Iron Hydroxide Coprecipitation and Solid Phase Extraction Using Chelating Resin. International Journal of Analytical Chemistry, 2018, 2018, 1-8.	1.0	3
3	Preparation of standard materials of aerosol particles for Xâ€ray fluorescence analysis using a small chamber sampling unit. X-Ray Spectrometry, 2018, 47, 450-458.	1.4	4
4	Long-term Monitoring of Metal Elements in Total Suspended Particle Aerosols Simultaneously Collected at Three Islands in Okinawa, Japan. Asian Journal of Atmospheric Environment, 2018, 12, 326-337.	1.1	4
5	Potential Anthropogenic Pollution by Eu as well as Gd Observed in River Water around Urban Area. Chemistry Letters, 2017, 46, 1327-1329.	1.3	9
6	Self-sealing of Wellbore Cement under the CO2 Batch Experiment Using Well Composite Sample. Energy Procedia, 2017, 114, 5212-5218.	1.8	14
7	Visualizing a black cat drawing hidden inside the painting by confocal micro-XRF analysis. Microchemical Journal, 2016, 126, 496-500.	4.5	12
8	Observation of Cement/Sandstone Interface after Reaction with Supercritical CO₂Using SEM-EDS,Â μ-XRD, andÂ μ-Raman Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2016, 14, 198-203.	0.4	4
9	Chemical Interaction of well Composite Samples with Supercritical CO2 along the Cement - Sandstone Interface. Energy Procedia, 2014, 63, 5754-5761.	1.8	14
10	Fundamental characteristics of hybrid X-ray focusing optics for micro X-ray fluorescence analysis. Nuclear Instruments & Methods in Physics Research B, 2013, 309, 260-263.	1.4	7
11	Elemental Depth Analysis of Corroded Paint-Coated Steel by Confocal Micro-XRF Method. ISIJ International, 2013, 53, 1953-1957.	1.4	6
12	Micro-X-ray Fluorescence Analysis of Sr in Fish Otolith of Ayu Plecoglossus altivelis. Bunseki Kagaku, 2012, 61, 637-642.	0.2	2
13	Rapid Screening of Methamphetamine by a X-ray Foreign Body Inspection System Equipped with Dual Energy X-ray Method. Bunseki Kagaku, 2012, 61, 605-611.	0.2	0
14	X-ray Spectrometry. Analytical Chemistry, 2012, 84, 636-668.	6.5	42
15	Development of a new confocal 3D-XRF instrument with an X-ray tube. Journal of Analytical Atomic Spectrometry, 2011, 26, 305-309.	3.0	41
16	Enhancement of XRF intensity by using Au-coated glass monocapillary. Powder Diffraction, 2011, 26, 163-167.	0.2	6
17	Depth Elemental Imaging of Forensic Samples by Confocal micro-XRF Method. Analytical Chemistry, 2011, 83, 3477-3483.	6.5	77
18	Development of a transportable Âµâ€XRF spectrometer with polycapillary half lens. X-Ray Spectrometry, 2010, 39, 78-82.	1.4	16

#	Article	IF	Citations
19	Sample Surface and Near-surface Analysis by Confocal 3D XRF Spectrometer. Hyomen Kagaku, 2010, 31, 331-336.	0.0	1
20	X-ray Spectrometry. Analytical Chemistry, 2010, 82, 4950-4987.	6.5	18
21	Development of laboratory confocal 3D-XRF spectrometer and nondestructive depth profiling. Journal of Analytical Atomic Spectrometry, 2010, 25, 562.	3.0	33
22	Preconcentration of environmental waters by agar for XRF analysis. Powder Diffraction, 2009, 24, 135-139.	0.2	7
23	Fundamental characteristics of polycapillary xâ€ray optics combined with glass conical pinhole for micro xâ€ray fluorescence spectrometry. X-Ray Spectrometry, 2009, 38, 258-262.	1.4	9
24	Nondestructive elemental depth profiling of Japanese lacquerware â€˜Tamamushiâ€nuriâ€™ by confocal 3Dâ€XRF analysis in comparison with micro GEâ€XRF. X-Ray Spectrometry, 2009, 38, 446-450.	1.4	52
25	Improvement of spatial resolution of Âµâ€XRF by using a thin metal filter. X-Ray Spectrometry, 2008, 37, 642-645.	1.4	13
26	Milling characteristics and distribution of phytic acid and zinc in long-, medium- and short-grain rice. Journal of Cereal Science, 2008, 48, 83-91.	3.7	92
27	X-ray Spectrometry. Analytical Chemistry, 2008, 80, 4421-4454.	6.5	23
28	X-ray Energy Dependence of the Properties of the Focused Beams Produced by Polycapillary X-ray Lens. Analytical Sciences, 2008, 24, 843-846.	1.6	13
29	Development of Powdered Polyethylene Reference Materials for X-Ray Fluorescence Analysis of Hazardous Elements. Bunseki Kagaku, 2008, 57, 411-415.	0.2	5
30	Development of Certified Reference Materials, Plastics (JSAC 0651-0655) for Determination of Bromine Using X-Ray Fluorescence Analysis. Bunseki Kagaku, 2008, 57, 469-475.	0.2	7
31	Development of Soil Reference Materials Containing Hazardous Metals for X-Ray Fluorescence Analysis. Bunseki Kagaku, 2008, 57, 477-483.	0.2	5
32	Results of the 1st to the 4th Proficiency Testing on Determination of Hazardous Elements in Plastics. Bunseki Kagaku, 2008, 57, 901-910.	0.2	3
33	Micro and imaging x-ray analysis by using polycapillary x-ray optics. Proceedings of SPIE, 2008, , .	0.8	4
34	Application of Confocal 3D Micro-XRF for Solid/Liquid Interface Analysis. Analytical Sciences, 2008, 24, 99-103.	1.6	32
35	Development of Polluted Soil Certified Reference Materials JSAC 0461-0466 for Determination of Hazardous Metals Contents. Bunseki Kagaku, 2008, 57, 191-198.	0.2	4
36	Development of the Certified Reference Materials, Plastics (JSAC 0631, JSAC 0632) for Determination of Hazardous Metals by X-Ray Fluorescence Analysis. Bunseki Kagaku, 2007, 56, 363-370.	0.2	8

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37	Development of confocal micro X-ray fluorescence instrument using two X-ray beams. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 549-553.	2.9	50
38	Development of confocal 3D micro-XRF spectrometer with dual Crï£¿Mo excitation. X-Ray Spectrometry, 2007, 36, 145-149.	1.4	46
39	Development of Confocal 3D X-ray Fluorescence Instrument and Its Applications to Micro Depth Profiling. Hyomen Kagaku, 2007, 28, 447-452.	0.0	1
40	3D Elemental Mapping in Laboratory by Confocal 3D X-ray Fluorescence Analytical Instrument. Materia Japan, 2007, 46, 833-833.	0.1	0
41	Preparation and Certification of the New Reference Materials; Plastics (Disk Form, JSAC 0621 - 0625) for Determination of Mercury Using X-Ray Fluorescent Analysis. Analytical Sciences, 2006, 22, 1265-1268.	1.6	25
42	Development of Confocal 3D Micro XRF Spectrometer and Its Application to Rice Grain. Bunseki Kagaku, 2006, 55, 427-432.	0.2	18
43	Plastic Certified Reference Materials JSAC 0611-0615 for Determination of Hazardous Constituents Using X-Ray Fluorescent Analysis. Bunseki Kagaku, 2006, 55, 501-507.	0.2	15
44	Preparation and Certification of the New Certified Reference Materials, Plastics (JSAC 0601-1, JSAC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	9
45	X-ray fluorescence analysis of trace metals in environmental water using preconcentration with an iminodiacetate extraction disk. X-Ray Spectrometry, 2006, 35, 184-189.	1.4	39
46	Micro total reflection x-ray fluorescence (Âμ-TXRF) analysis. X-Ray Spectrometry, 2006, 35, 375-378.	1.4	9
47	X-ray fluorescence analysis of soft materials using needle-type collimators enabling greater tolerance in analysis depth. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2006, 61, 460-464.	2.9	10
48	Preparation of calibrating standards for x-ray fluorescence spectrometry of trace metals in plastics. X-Ray Spectrometry, 2003, 32, 452-457.	1.4	32
49	Effect of soil moisture and its correction method for quantitative analysis of hazardous metals in polluted soil for the onâ€site XRF analysis. X-Ray Spectrometry, 0, , .	1.4	5